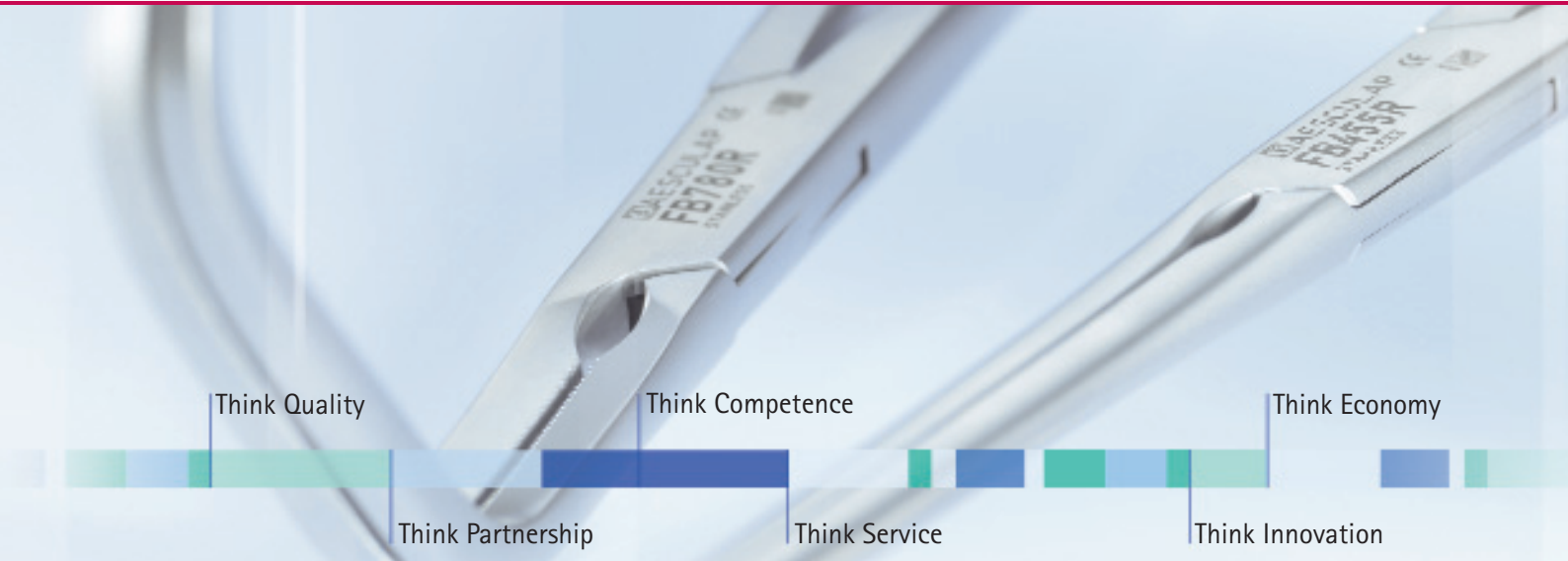


Aesculap Surgical Instruments

General Catalog



Think Surgical Instruments. Think Aesculap.

Think Aesculap.

Profundes Wissen setzt die Vernetzung von Kenntnissen und Erfahrungen sowie deren folgerichtige Bewertung voraus. Ein Prinzip, dem B. Braun seit über 160 Jahren konsequent folgt und welches sich daher auch in der Aussage „Sharing Expertise“ ausdrücklich widerspiegelt. Ein Wissensaustausch über alle Sparten des Konzerns hinweg schafft eine breitere und somit fundiertere Wissensbasis für alle Beteiligten. Das Ergebnis sind bis ins Detail durchdachte, weitsichtige Lösungen und ein Höchstmaß an Sicherheit. Zum Wohl des Patienten und im Interesse der Anwender.

Mit über 130 Jahren Erfahrung im Segment der chirurgischen Instrumente ist die Sparte Aesculap kompetenter Partner für den interdisziplinären Wissensaustausch.

Die Produktmarke Aesculap steht für ein vielfältiges Leistungsspektrum, das hochwertige Produkte mit prozessorientierten Dienstleistungen intelligent und im Sinne der Wirtschaftlichkeit verknüpft. Aesculap ist ein verlässlicher und akzeptierter Partner für den gesamten chirurgischen Prozessablauf in der Klinik.

Dass Aesculap zu den Besten der Branche gehört, verdankt das Unternehmen seinen Mitarbeiterinnen und Mitarbeitern, die sich auf der Suche nach der bestmöglichen Lösung nie mit der ersten Idee zufrieden geben. Menschen, die jede Entwicklung immer wieder prüfen, hinterfragen und optimieren.

Deshalb ist Aesculap weit mehr als ein Lieferant hochpräziser chirurgischer Instrumente: ein Partner, der genau zuhört und mitdenkt, die Bedürfnisse und Anforderungen seiner Kunden versteht und sie auf hohem Niveau versorgt. Vom Produkt über Dienstleistungen und Seminare für alle Funktionsbereiche.



Think Quality

Think Partnership



- Bei Verträgen halte ich es wie in einer Partnerschaft: gegenseitiges Vertrauen und Wertschätzung sind die Basis.

Think Partnership. Think Aesculap.

Think Competence



- Das Informations- und Beratungszentrum in Tuttlingen ist weltweit einmalig. An keinem anderen Ort könnte ich so überzeugend und mit einer solchen Auswahl beraten!

Think Competence. Think Aesculap.



- ■ Unsere Instrumente werden von Chirurgen auf der ganzen Welt geschätzt. Ich weiß, warum das so ist und Sorge dafür, dass es so bleibt.

Think Quality. Think Aesculap.

- ■ Am Anfang sind meine Gesprächspartner manchmal skeptisch: hohe Qualität und trotzdem eine wirtschaftlich sinnvolle Lösung? Dann lasse ich einfach Fakten sprechen.

Think Economy. Think Aesculap.



Think Economy

Think Service



- ■ Manchmal sorgen wir auch mit Kleinigkeiten für einen reibungslosen Prozess. Hauptsache alles läuft und alle sind zufrieden.

Think Service. Think Aesculap.

Think Innovation



- ■ Jedes neue Produkt ist wie ein eigenes Baby. Man kümmert sich liebevoll darum, bis es irgendwann das Haus verlässt.

Think Innovation. Think Aesculap.

Think Quality. Think Aesculap.

Um den eigenen hohen Ansprüchen und den Erwartungen der Anwender in allen Bereichen gerecht zu werden, sind auch die Aesculap Qualitätsanforderungen außerordentlich hoch. Bei mehr als 17.000 Produkten, die nahezu alle Indikationen der einzelnen Fachbereiche abdecken, kein einfaches Unterfangen.

Von vornherein hat man sich daher eine eigene Qualitätsnorm auferlegt, die die erlaubten DIN/ISO Standard-Toleranzen in jeder Hinsicht stark begrenzt. Das macht sich bereits bei der Auswahl und Prüfung der Werkstoffe bemerkbar und setzt sich über den gesamten Fertigungsprozess fort.

Die auf einer Symbiose aus Hightech und Handarbeit basierende Herstellungstechnik der Instrumente sowie eine hohe Fertigungstiefe ermöglichen Modelltreue und höchste Präzision in stets gleichbleibender Qualität.

Bei Aesculap weiß man schließlich seit über 130 Jahren, dass es nichts Wirtschaftlicheres gibt, als eine hohe Qualität.



■ Qualitätssicherung

Ein wesentlicher Bestandteil des umfangreichen Qualitätsmanagementsystems ist der integrierte Ablauf von der Produktidee, über die Entwicklung, die Produktion bis zum geprüften fertigen Instrument. Dies beinhaltet moderne Fertigungsverfahren und gesicherte Prozessabläufe inklusive systematischer Qualitätskontrollen, um die konstant hohe Aesculap Qualität zu sichern.





- Nur mit dem Know-how, der Erfahrung und Sorgfalt der Aesculap Chirurgiemechaniker lässt sich reproduzierbare Aesculap Qualität über Jahrzehnte hinaus garantieren. Wissen, das man verantwortungsvoll weitergibt.



Hartmetall-Instrumente

Bei Instrumenten mit Hartmetall-Einlagen verwenden wir nur hochwertige nickelgebundene Hartmetall-Plättchen, die sich durch eine hohe Korrosionsbeständigkeit und einen geringen Verschleiß auszeichnen.



Arterienklemme – Olive im Maulbereich

Die Olive bildet den Übergang vom Arbeitsende zum „Schluss“ des Instrumentes. Durch diese besondere Anatomie wird das Maul elastischer und das Instrument weniger bruchanfällig.



Wie wir erreichen, dass jedes Aesculap Instrument präzise den Formen und Abmessungen des Masters entspricht?
Wir kontrollieren jedes einzelne Instrument!

Think Innovation. Think Aesculap.

Im kontinuierlichen Dialog mit Praktikern und klinischen Partnern entwickelt und realisiert Aesculap Instrumente für alle chirurgischen Disziplinen – nicht selten mit Vorbildcharakter. Weltweit arbeitet ein Team von etwa 200 Mitarbeitern im Bereich Forschung und Entwicklung an neuen, wirtschaftlich tragbaren Lösungen im Sinne einer bestmöglichen Patientenversorgung.

Nicht das technologisch Machbare, sondern das medizinisch Sinnvolle steht dabei grundsätzlich im Mittelpunkt.

Sinnvolle Entwicklungen bedeuten für uns, den Verlauf eines chirurgischen Eingriffs durch die Funktionalität des eingesetzten Instrumentariums unter wirtschaftlichen Gesichtspunkten entscheidend positiv zu beeinflussen, wie zum Beispiel:



BipoJet

Bipolare Präparierschere für die offene Chirurgie

BipoJet ermöglicht Präparieren, mechanisches Schneiden und Koagulieren in einem Arbeitsgang. Dies bedeutet für den Chirurgen, dass er mit BipoJet noch schneller, sicherer und effizienter arbeiten kann. Neuartige Fertigungstechnologien wie der solide Keramikeinsatz im Scherenblatt sowie eine PEEK-Kunststoffbeschichtung stehen für die Langlebigkeit und elektrische Sicherheit. Für die Klinik bedeuten Effizienz, Sicherheit und Langlebigkeit einen wichtigen wirtschaftlichen Vorteil.



Retraktionssystem Münster

Das Retraktionssystem Münster, mittlerweile ein Synonym für Variabilität, Flexibilität und Stabilität in der Abdominalchirurgie, wurde in seiner Weiterentwicklung durch einen neuen offenen Rahmen ergänzt. Dieser ist durch eine neuartige Gelenktechnologie stufenlos in drei Ebenen leicht und schnell verstellbar. Für den Anwender bedeutet dies noch mehr Freiraum und Anpassungsfähigkeit des Systems an die individuelle OP-Situation.



Mikro-Instrumente

für die Herz- und Gefäßchirurgie

Hergestellt mit modernsten Fertigungstechnologien aus ausgewählten Materialien für ausgezeichnete Funktionalität. Die Arbeitsflächen der Maulteile von Nadelhaltern und Pinzetten sind mit der Aesculap DIADUST Diamantstaub-Beschichtung versehen. Das Ergebnis: eine harte Arbeitsfläche mit hoher Verschleißfestigkeit. Darüber hinaus bietet DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln sowie von Weichgewebe.

Gemeinschaftsentwicklung



Bei der Neu- und Weiterentwicklung von chirurgischen Instrumenten arbeitet Aesculap eng mit den Anwendern zusammen. So entstehen hochwertige Produkte, die Maßstäbe setzen und bis ins Detail den Wünschen und Anforderungen des Chirurgen entsprechen.

Aus dieser Kooperation zwischen Aesculap Spezialisten und erfahrenen Anwendern erwachsen wertvolle Synergie-Effekte und außergewöhnliche Projekte, die immer wieder maßgebliche Innovationen im Bereich der chirurgischen Instrumente hervorbringen.

Ein straff konzipiertes Projektmanagementsystem sorgt zudem für Transparenz und Effizienz der Aesculap Entwicklungsprojekte.



BipoJet – ein Beispiel aus der Praxis



Prof. Dr. med. Gottfried Müller ist Chefarzt der Chirurgischen Klinik im Caritas-Krankenhaus Bad Mergentheim und seit über 20 Jahren maßgeblich in die Entwicklung von Aesculap chirurgischen Instrumenten involviert.

„Eine über 20-jährige erfolgreiche und angenehme Zusammenarbeit mit Aesculap an einer Vielzahl von Projektideen bedeutet für mich freundschaftliches und vertrauensvolles Zuhören, fachlich fundiertes Diskutieren, exaktes Recherchieren und Programmieren von Projekten in Untertiteln: Innovation, Sinnhaftigkeit, Markterwartung, Funktion, Ergonomie, Material, Qualität, Fertigung, Recherche, Überprüfung, Funktionalität, Sicherheit, Zuverlässigkeit, klinische Kontrolle, Praktikabilität, Wirtschaftlichkeit, Systemtauglichkeit und Marktverträglichkeit. All diese Schlagworte stehen hinter Projekten, die für mich interessant waren und sind.

Aesculap bedeutet für mich aber auch die persönliche Verbindung mit interessanten Menschen, die ihre Erfahrung und

Kraft in viele Kontakte einbringen, wie Ingenieure, Mechaniker, Sekretärinnen, Betriebswirte, Mediziner und Entwickler, viele kreative Frauen und Männer aller Berufsklassen.

Aesculap zu kennen heißt für mich, Einblick in eine große seriöse Einheit zu haben, deren Aufgabe es ist, Produkte für die Medizin zu liefern – also Dinge, die mit uns Chirurgen direkt zu tun haben. Aesculap ist vor diesem Hintergrund für jeden Chirurg ein Begriff. Dahinter stehen für mich Menschen am Schreibtisch und am Schraubstock, die sich mit allem Einsatz für Projekte in Zusammenarbeit zur Verfügung stellen, Projekte, die meine medizinische Zukunft mitbestimmen.

Jüngstes Beispiel hierfür ist die gemeinsame Entwicklung von BipoJet.“

Dr. med. Albert Linder ist Chefarzt der Abteilung Thorax-Chirurgie an der Lungenklinik Hemer und von der Idee „aus der Praxis für die Praxis“ überzeugt. Herr Dr. Linder arbeitet seit mehr als 10 Jahren als klinischer Berater eng mit Aesculap zusammen.

„Die Entwicklung der BipoJet-Schere ist ein hervorragendes Beispiel dafür, wie Anwenderideen aus der täglichen Arbeit im OP in kurzer Zeit zu einem marktreifen High-Tech-Produkt werden können. Bei Aesculap geschieht das in ausgezeichnete Kooperation zwischen Chirurg und Entwicklungsteam und immer vor Ort, mal im OP, mal in der Werkstatt.“





Projektberatung mit allen Funktionsbereichen der Klinik im Informations- und Beratungszentrum (IBZ) in Tuttlingen.

Durch stetige Veränderungen im Gesundheitsmarkt, der Einführung der DRGs sowie des Total Quality Managements gewinnt das Thema „Investition in chirurgische Techniken“ enorm an Brisanz – und etwaige Fehlentscheidungen lassen sich im Nachhinein nur schwer korrigieren.

Das Team der Aesculap Projektplanung, Fachleute mit Know-how und operationellem Sachverstand, unterstützt Krankenhäuser und Kliniken bei der Planung kleiner und großer Projekte und setzt sie routiniert, zeitnah und zuverlässig um. Weltweit.

Das Team kooperiert mit Architekten, Technikern, Ärzten, Pflegepersonal und Verwaltung, analysiert Abläufe, ermittelt Bedarfe und schafft die Voraussetzung für optimierte Prozesse. Das Ergebnis ist eine fundierte Projektierung, die von A bis Z funktioniert. Ob Neubau einer Klinik oder Aufbau einer neuen Disziplin.

■ Hospitationen

Vor einer geplanten Investition steht man immer einer Vielzahl von Fragen und Entscheidungen gegenüber, deren konkrete Beurteilung oftmals erst später möglich ist. Wir haben es uns darum zur obersten Devise gemacht, Ihnen ein Höchstmaß an Entscheidungssicherheit mit auf den Weg zu geben. Aus diesem Grund bieten wir unseren Gesprächspartnern die Möglichkeit, sich neben unserer umfassenden Beratung in Tuttlingen auch in Form einer Hospitation ein genaues Bild unserer Leistungen zu machen und sich mit Kollegen in anderen Kliniken fachspezifisch über alle Funktionsbereiche hinweg auszutauschen. Soviel Sicherheit muss sein.



Planung & Beratung – ein Beispiel aus der Praxis

„Bei komplexen Projekten braucht man einen vorausschauenden Partner, der bei Detailfragen das Gesamtkonzept im Auge behält ...“

Dipl.-Betriebswirt Dr. Dr. Dirk Knüppel

Anlass der Zusammenarbeit mit Aesculap war der Fachrichtungswechsel zwischen der Klinik Rotes Kreuz und der Klinik Maingau, beides Beleghäuser mit je ca. 30 Operateuren im Raum Frankfurt. Laut Beschluss der Aufsichtsbehörde sollten zum 01. Juli 2003 die Maingauer Orthopäden in die Rotkreuz-Klinik und die Gynäkologen sowie Urologen in die Klinik Maingau wechseln. Ziel war eine Straffung der Disziplinen je Standort – eine Forderung der Kostenträger, die beinhaltet, dass die gleichen Fachbereiche nicht mehr in beiden Kliniken vorgehalten werden dürfen. Zeitgleich mit dem Umzug stand die Eröffnung des neuen OP- und Funktionstraktes mit angegliederter ZSVA in der Rotkreuz-Klinik an.

Ein komplexes Projekt also, das die externe Unterstützung eines erfahrenen Beraters erforderlich machte. Für die Umsetzung wünschten wir uns einen vorausschauenden Partner, der auch bei Detailfragen das Gesamtkonzept im Auge behält. So kam es zu Beginn des Jahres 2002 zu ersten Gesprächen mit einem Aesculap Mitarbeiter bezüglich des anstehenden Projekts. Gemeinsam wurde zunächst das Dienstleistungsangebot von Aesculap geprüft und dann die weiteren Schritte beschlossen. Für Transparenz und Sicherheit sorgte von Beginn an ein detaillierter Liefer- und Dienstleistungsvertrag, der alle Bestandteile der Service-Leistungen von der Neulieferung der Instrumente, über die Sanierung und den Werterhalt bis hin zur Installierung von instacount®PLUS im Rahmen eines „Worst-Case-Szenarios“ enthielt. Darüber hinaus war die Bedarfs- und Kostenschätzung durch Aesculap eine wertvolle Grundlage für die Budgetplanung der Kliniken.

Beratungsbasis war eine Bestandsanalyse beider Kliniken, deren Ergebnis im Kreise der Pflegedienst- und OP-Leitungen sowie der Hygiene und der Geschäftsleitung beider Kliniken präsentiert wurde. Vor diesem

Hintergrund unterteilte Aesculap die Instrumente in beiden Häusern zunächst in drei Kategorien: veraltet (hoher Anteil an Korrosionen), reparaturbedürftig, und ohne Einschränkung wieder verwendbar. Die Reparatur und Aufbereitung älterer Instrumente wurde in Etappen organisiert, um Beeinträchtigungen im laufenden Betrieb weitestgehend zu vermeiden. Im Anschluss erfolgte die Errechnung des voraussichtlichen Zusatzbedarfes an Instrumenten und Geräten in Abstimmung zwischen Aesculap und den OP-Leitungen. Dieser Mehrbedarf resultierte einerseits aus dem Fachrichtungswechsel, um bei parallel laufenden OPs einer Disziplin genügend Instrumentarium zur Verfügung zu haben und andererseits aus dem Anspruch, innerhalb der neuen, qualitativ verbesserten ZSVA einen reibungslosen und sicheren Ablauf zu gewährleisten. Im nächsten Schritt wurden direkt am Aesculap Standort in Tuttlingen die benötigten Instrumente ausgesucht und eine neue Sieb- und Containerstruktur entwickelt, die den Bedarf beider Häuser berücksichtigt und im gleichen Zuge die teure Vorhaltung nicht benötigter Instrumente ausschließt.

„Das A und O ist eine wirtschaftliche Zusammensetzung – so viel wie nötig, so wenig wie möglich.“

Bereits in dieser Phase des Projekts wurden die positiven Effekte der Beratung durch Aesculap bei allen Beteiligten deutlich: Durch die frühzeitige Planung im Vorfeld konnten zeitliche und strukturelle Engpässe weitestgehend vermieden werden und das ohnehin verstärkt beanspruchte Personal wurde durch den Aesculap Beratungsservice während der gesamten Umstrukturierungsphase optimal entlastet. Durch die Sieb- und Containeroptimierung

Dipl.-Betw. Dr. Dr. Dirk Knüppel, Direktionsassistent der Frankfurter Rotkreuz-Krankenhäuser e. V. und Projekt-Verantwortlicher, über den Aesculap Planungs- und Beratungsservice im Rahmen des Großprojekts „Fachrichtungswechsel und OP-Neubau am RKH Frankfurt“

wurden zudem überflüssige Vorhaltekosten vermieden und die Abläufe gewannen in hohem Maße an Wirtschaftlichkeit.

Beide Kliniken haben durch den Fachrichtungswechsel ein schärferes Profil mit eindeutigen Schwerpunkten erhalten, was zu höheren Fallzahlen und einer besseren Spezialisierung führte. Die gemeinsam mit Aesculap realisierte Prozessoptimierung und Standardisierung hat hier mittelfristig zu merklichen Kosteneinsparungen geführt und spiegelt unseren Gesamtanspruch wieder, bei kalkulierbaren Kosten eine bestmögliche Behandlungsqualität anzubieten. Die Umstrukturierung in Verbindung mit dem Planungs- und Beratungsservice von Aesculap hat zudem die Anpassung an DRG-Bedingungen bei gleichzeitiger Qualitätssteigerung unterstützt.

Da alle Entscheidungen in enger Abstimmung zwischen Aesculap und den Verantwortlichen in den Kliniken getroffen wurden, gab es trotz der Komplexität des Projekts keine Informationsdefizite oder zeitlichen Verzögerungen. Umzug und Eröffnung des OP-Traktes fanden pünktlich am 1. Juli 2003 statt, wobei hervorgehoben werden sollte, dass der Aesculap Mitarbeiter hier nicht nur als Berater, sondern auch tatkräftig im wahrsten Sinne des Wortes zur Verfügung stand.

Think Economy. Think Aesculap.



Effizient arbeitet nur derjenige, der den Überblick über sein Instrumentarium behält. Einsparungen sind nur dann sinnvoll realisierbar, wenn man seinen Bestand kennt und ihn konsequent organisiert. Aber wer soll sich im Tagesgeschäft darum kümmern?

Mit der Bestandsanalyse übernimmt Aesculap als spezialisierter Dienstleister die quantitative Erfassung und qualitative Analyse des kompletten Instrumentariums – über alle Disziplinen und Produktlieferanten hinweg. Das Ergebnis ist eine objektive, detaillierte und aktuelle Dokumentation der Bestände inklusive des Wartungs-, Reparatur- und Beschaffungsbedarfs sowie der damit verbundenen Kosten.

Mit der folgenden Sieboptimierung wird der Bestand vor Ort exakt an die spezifischen Anforderungen von Indikationen und OP-Techniken angepasst. Diesem Schritt geht in der Regel ein Besuch aller Funktionsbereiche im Informations- und Beratungszentrum (IBZ) in Tuttlingen voraus. Es werden Arbeitsabläufe besprochen, neue Siebstrukturen gemeinsam konzipiert und bei Bedarf neue OP-Techniken erläutert.

Alles in allem trägt dieses Konzept zu größtmöglicher Transparenz bei, verschlankt Abläufe, eröffnet Einsparpotenziale, gibt Investitionssicherheit und ist ein wesentlicher Baustein des Qualitätsmanagements, das Ziel der Prozessoptimierung immer im Blick.



Bestandsanalyse & Sieboptimierung – ein Beispiel aus der Praxis

Chefarzt Prof. Dr. med. Hans-Rudolf Tinneberg, Direktor des Zentrums für Gynäkologie und Geburtshilfe der Justus-Liebig-Universität Gießen und

Otto Armstroff, Abteilungsleiter Technischer Einkauf, über Ablauf und Ergebnis des Aesculap Projekts „Bestandsanalyse und Sieboptimierung in der Frauenklinik der Universität Gießen“.

Prof. Tinneberg

„Durch die Prozessoptimierung haben unsere Mitarbeiter mehr Zeit für das Wesentliche – den Patienten und die Qualität der Behandlung ...“

Erstklassige operative Ergebnisse hängen nicht nur vom Können des Operators ab, sondern auch von der Qualität der verwendeten Instrumente und der Zusammenstellung der Siebe. Wir verfügen heute über eine optimal abgestimmte Siebstruktur, die in jeder Hinsicht das operative Spektrum berücksichtigt und gerade unter DRG-Bedingungen in erheblichem Maße zu mehr Wirtschaftlichkeit, einer Straffung der Ablauforganisation und nicht zuletzt zu einer hohen Ergebnisqualität beiträgt.

Die Prozessoptimierung innerhalb der Universitäts-Frauenklinik ist u.a. das Resultat einer Bestandsanalyse und Sieboptimierung, mit der wir Aesculap im Herbst 2002, nach meiner Übernahme des Direktorats der Frauenklinik, beauftragten. Mit dem Stellenwechsel kam es zu einer Verlagerung der Schwerpunkte und somit zu einer intensiveren Hinwendung zur operativen Gynäkologie. Der tägliche Umgang mit den eigenen Instrumenten war geprägt von Unzufriedenheit, so dass gemeinsam mit der Verwaltung beschlossen wurde, hier grundlegende Veränderungen vorzunehmen. Aesculap war bereits an den ersten Gesprächen beteiligt und überzeugte alle

Beteiligten mit dem Konzept einer Bestandsanalyse mit anschließender Sieboptimierung. Die Bestandsanalyse wurde von zwei speziell ausgebildeten Aesculap Mitarbeitern durchgeführt und umfasste das gesamte operative Instrumentarium. Es wurde eine detaillierte Liste aller vorhandenen Instrumente erstellt, die sowohl quantitativ für Transparenz über die Produktbestände sorgte als auch qualitativ den Zustand der Instrumente bezüglich der Abnutzung und des Wartungs- bzw. Reparaturbedarfs dokumentierte. Im Anschluss folgte auf Basis dieses Gutachtens die Analyse des Gesamtwertes sowie der Aufarbeitungs- und Ersatzbeschaffungskosten.

Nachdem nur ein geringer Prozentsatz der vorhandenen Instrumente durch Reparatur weiterhin verwendbar war, wurde mit Aesculap eine komplette Neuzusammenstellung der Siebe vereinbart. Ausgesprochen konstruktiv verlief der Besuch der Operateure bei Aesculap in

Tuttlingen. Hier konnten wir punktgenau auf unseren Bedarf abgestimmte Instrumente auswählen und zudem sogar nach unseren Wünschen speziell angefertigtes Instrumentarium bestellen. Die Siebstruktur wurde komplett überarbeitet und dem OP-Spektrum der Frauenklinik angepasst. Unübersichtliche Siebe wurden in Abstimmung mit den OP-Leitungen aufgeteilt, und Instrumente, die aufgrund veränderter OP-Techniken nicht mehr benötigt wurden, konnten aussortiert werden. Dies führt insgesamt zu einer Qualitätssteigerung, deren Niveau aufgrund eines mit Aesculap abgeschlossenen Wartungsvertrages auch mittel- und langfristig gewährleistet ist. So haben wir die Sicherheit, dass uns für anspruchsvolle Operationen jederzeit ein hochwertiges und präzises Instrumentarium zur Verfügung steht.

Die Mitarbeiter im OP profitieren von der Sieboptimierung in hohem Maße, da durch die erhöhte Übersichtlichkeit die Fehlerquote der ZSVA deutlich verringert werden konnte und durch die Verschlinkung der Abläufe mehr Zeit bleibt für das Wesentliche: den Patienten und die Qualität der Behandlung. Darüber hinaus ist auch die Verringerung der körperlichen Belastung durch Einhaltung der Sieb- und Beladegewichte nicht zu unterschätzen. Eine erhöhte Mitarbeitermotivation wurde zusätzlich durch die Schulungen erreicht, die Aesculap hier vor Ort während des Projekts durchgeführt hat. Ziel war es, die Mitarbeiter in Umgang und Pflege der Instrumente zu schulen aber auch die Bezeichnungen der Instrumente nach Autoren (Langenbeck-Haken, Metzenbaumschere etc.) für alle verständlich zu machen und dies in den täglichen

„Wir haben die Sicherheit, dass uns für anspruchsvolle Operationen jederzeit ein hochwertiges und präzises Instrumentarium zur Verfügung steht ...“

Arbeitsprozess einfließen zu lassen. Darüber hinaus wurde eine Schulung für alle Ärzte veranstaltet, bei der Aesculap die Zusammensetzung der neuen Siebstruktur (Set-System mit zum Teil abteilungsübergreifenden Grund- und Zusatzsieben) nochmals umfassend erläuterte.

Als äußerst positiv in der Zusammenarbeit mit Aesculap ist schließlich herauszustellen, dass die Beratung zu jeder Zeit sachorientiert und nicht profitgesteuert war und ist.



Der von den Aesculap Beratern erarbeitete ausführliche Bericht der Bestandsanalyse wird auf Wunsch den verschiedenen Zuständigkeitsbereichen in der Klinik präsentiert. Gemeinsam werden die Möglichkeiten zum weiteren Vorgehen erörtert.

Otto Armstroff

Aus der Sicht des Einkaufsleiters spielen Qualitätsaspekte ebenso eine Rolle wie wirtschaftliche Überlegungen. Das hat aber mit kurzfristigen Kosteneinsparungen nicht viel zu tun. Bezogen auf eine umfassende Bestandsanalyse und Sieboptimierung bedeutet das, vorausschauend zu planen und vor allem Komplexitäten weitestgehend zu reduzieren.

Berücksichtigt wurde bei diesem Projekt beispielsweise auch die Umstellung von einer dezentralen zu einer zentralen Sterilversorgungsabteilung innerhalb des Klinikums; hier konnten Aufbereitungskapazitäten nachhaltig gesteigert und Kosten gesenkt werden. Zudem wurde eine Verbesserung der ZSVA-Durchlaufzeiten erreicht, da sich durch die Homogenisierung der Siebinhalte und die wirtschaftliche Struktur der Siebe auch die Packzeiten verkürzten. Durch die

konsequente Auslagerung der Aufbereitung konnten diese Tätigkeiten zudem auf den Bereich der ZSVA konzentriert werden und das Personal innerhalb der Abteilung wird zu Gunsten der ihm eigentlich zugedachten Aufgaben entlastet.

„ Unser Ziel:
Transparenz im Sinne der
Qualitätssicherung und Nutzung
von Einsparpotentialen ... “

Wirtschaftlich und im Sinne eines professionellen Qualitätsmanagements vorteilhaft ist der Umstand, dass alle unter heutigen Gesichtspunkten als bedenklich geltenden Artikel (verchromt, korrodiert) aus dem Bestand entfernt und gleichzeitig sanierungsfähige Altbestände nach der Reparatur Kosten sparend wieder in die neue Siebstruktur integriert wurden.

Heute verfügen wir über ein einheitliches Sortiment, in dem sich jedes einzelne Instrument durch seine Artikelnummer exakt identifizieren und nachverfolgen lässt – die so geschaffene Transparenz ermöglicht gerade unter DRG-Bedingungen die benötigte Präzision bezüglich der Kosten- und Budgetplanung.

Durch die gute und abteilungsübergreifende Kommunikation zwischen den Projektbeteiligten und Aesculap sowie die professionelle Arbeitsweise des Aesculap Teams vor Ort war ein störungsfreier Verfahrensablauf jederzeit gewährleistet.

Aufgrund dieses positiven Ergebnisses hat der Vorstand des Universitätsklinikums Gießen beschlossen, auch innerhalb der anderen chirurgischen Disziplinen eine Sieboptimierung durch das Aesculap Team vornehmen zu lassen.

Die Vorteile einer Sieboptimierung sind, neben einem Wissenstransfer und einer Steigerung des OP-Qualitätsmanagements die Möglichkeit, innerhalb der ZSVA die Effizienz des Mitarbeiterinsatzes zu steigern und eine Reduzierung des Aufbereitungsaufwandes zu erreichen.

Waschen/Desinfektion

Reduzierung ...

- ... des Verbrauchs von Reinigungs- und Desinfektionsmitteln
- ... der Maschinenkapazitäten durch gezielte Aufbereitung
- ... der Wartungskosten durch reduzierten Einsatz

Packen

Reduzierung ...

- ... der Packzeiten
- ... des Packmaterials

Sterilisation

Reduzierung ...

- ... des Medienverbrauchs
- ... der Maschinenkapazitäten durch gezielte Aufbereitung
- ... der Wartungskosten

Logistik

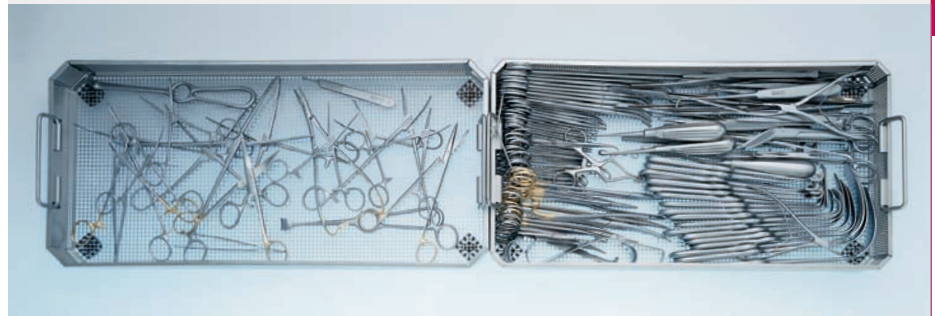
Verbesserung ...

- ... der Verfügbarkeit von Instrumenten
- ... der Wagenkapazität

OP

Reduzierung ...

- ... der fallbezogenen Kosten
- ... der Komplexität des OP-Ablaufs
- Sicherung des OP-Qualitätsmanagements



Nur die im linken Sieb befindlichen Instrumente wurden während einer OP aus dem gesamten Grundsieb benutzt. Trotzdem muss das gesamte Grundsieb mit allen Instrumenten in der ZSVA gereinigt, desinfiziert, gepackt, gepflegt und sterilisiert werden. Auf diese Weise werden Tonnen von Instrumenten unnötig aufbereitet. Eine Sieboptimierung kann die damit verbundenen Kosten deutlich reduzieren.

Kalkulationsbeispiel zur Kostenreduzierung durch eine Sieboptimierung

Beispiel vorher „ohne Sieboptimierung“

MIC-Set + Basis-Set
ca. 120 Instrumente

2 Sterilguteinheiten

bei einem Mittelwert von
15 Eingriffen pro Woche

1560 Sterilguteinheiten im Jahr

Beispiel nachher „mit Aesculap Sieboptimierung“

MIC-Set + einige zusätzliche Standard-Instrumente
ca. 45 Instrumente

1 Sterilguteinheit

bei einem Mittelwert von
15 Eingriffen pro Woche

780 Sterilguteinheiten im Jahr

Ergebnis „mit Aesculap Sieboptimierung“ u.a.:

- ca. 50% weniger Sterilisationskapazität
- ca. 50% Packzeitreduzierung
- ca. 20 – 40% weniger Materialeinsatz
- Steigerung der Mitarbeitermotivation

Think Partnership. Think Aesculap.

Hochwertige Werkzeuge verdienen Wertschätzung im wahrsten Sinne des Wortes. Der Instrumentenbestand einer Klinik stellt schließlich einen nicht unerheblichen Teil des Anlagevermögens dar.

Die Aesculap Qualitätsreparatur basiert daher auf den strengen Qualitätsnormen der Instrumentenherstellung und garantiert, dass Wert und Funktion jedes Instruments so lange wie möglich erhalten bleiben – mit Sicherheit. Zu Ihrem Vorteil.

Neben den geleisteten Einzelreparaturaufträgen sind Werterhaltungsverträge – insbesondere bei der Neuausstattung des OP – empfehlenswert. Die Budgetsicherheit sowie das detaillierte Reporting, welches die Prozesstransparenz erhöht und eine direkte Kostenstellenzuordnung ermöglicht, sprechen für die Aesculap Qualitätsreparatur.

Ein flächendeckendes Außendienstnetz von Aesculap Mitarbeitern und Fachhändlern stellt den zuverlässigen Service vor Ort jederzeit sicher.



Die Spezialisten vom Aesculap Technischen Service (ATS) sind darauf bedacht, den Lebenszyklus aller Instrumente zu verlängern und achten so z. B. auf einen möglichst geringen Materialabtrag beim Schleifen von Scheren. Ob schärfen, polieren, justieren oder reinigen – beim ATS geschieht alles mit einer konstanten Präzision und Sorgfalt.



Während die Aesculap Qualitätsreparatur bereits bei einfachen Standard-Instrumenten eine sinnvolle Investition darstellt, so ist sie bei hochwertigen, diffizilen Instrumenten wie z.B. einer Mikrofeder-
schere ein unbedingtes Muss. Jede unsachgemäße Reparatur kann aus einem wertvollen Instrument schnell ein ungeliebtes Abschreibungsobjekt machen – dem automatisch eine ungeplante Ersatzinvestition folgt.



Mit jeder durchgeführten Reparatur wird die Oberfläche der Instrumente übrigens komplett überarbeitet und mit dem ATS-Siegel sowie dem Reparaturdatum versehen. Denn auf jede Qualitätsreparatur gibt es ein Jahr Garantie.

Der Aesculap Technische Service ist für Sie da: Über unsere Hotline helfen erfahrene Spezialisten dem OP-Team schnell und zuverlässig aus der Klemme. Und reparaturbedürftige Instrumente werden durch unseren Service auf Wunsch in der Klinik abgeholt und nach erfolgter Qualitätsreparatur schnellstens retourniert.



Think Service. Think Aesculap.

Heute wird von Krankenhäusern mehr denn je wirtschaftliches Denken, effizientes Kostenmanagement sowie Rechts- und Patientensicherheit verlangt. Künftig müssen auch für das chirurgische Instrumentarium alle Abläufe klar dokumentierbar und eindeutig nachvollziehbar sein.

Damit dies zuverlässig funktioniert, bietet Aesculap seinen Kunden das Instrumenten Management System instacount®. Durch die Inventarisierung des Instrumentenbestands wird es möglich, Siebe und Instrumente über ihre gesamte Lebensdauer hinweg zuverlässig und übersichtlich in ihrem Kreislauf zu verfolgen.

Darüber hinaus können neben dem Einkaufspreis gleichermaßen die Kosten für Reparaturen und Handling pro Sieb, pro OP und pro Patient dokumentiert und entsprechend zugeordnet werden.

Neben der Systemlösung instacount® PLUS ist zudem auch eine BASIC-Version verfügbar, die sich als Plug and Play-Software einfach bedienen lässt. instacount® BASIC ist der ideale Einstieg in das Thema „EDV gestützte Dokumentation des Instrumenten Kreislaufes“, und ist ohne Probleme auf die Systemlösung instacount® PLUS zu erweitern.



instacount®

Mit der Entscheidung für instacount® PLUS oder instacount® BASIC geben Sie Ihrem Krankenhaus ein solides Fundament für die erfolgreiche Arbeit. Das systematische und effiziente Instrumenten Management macht die Instrumentenbestände transparent und erleichtert Planung und wirtschaftliche Koordination.

Sowohl in instacount® PLUS, wie auch in instacount® BASIC können Sie einfach und schnell Ihr gesamtes Instrumentarium nach den neuesten RKI Richtlinien klassifizieren und kommen so spielend Ihrer Dokumentationspflicht nach.



Instrumenten Management System

- Erstmalige Dokumentation und Standardisierung eines oftmals unklaren Prozesses mit vielen Schnittstellen und internen Reibungsverlusten
- Unterstützung des Aufbereitungsprozesses durch Packassistenten wie Arbeitsanweisungen und Mediaunterstützung (Bild, Ton, Video) u.v.m.
- Inventur auf Knopfdruck (Instrumente, Implantate, Verbrauchsmaterialien)
- Unterstützung der Siebstandardisierung durch frei definierbare Stammdaten mit Schablonen-Technik
- Transparenz über die erbrachten Leistungen durch aussagekräftige Produktionsstatistiken auf Artikel- und Setebene
- Verwaltung und Überwachung von Wartungsintervallen für Siebe, Sets und Artikel
- Automatische Kontrolle der Sterilitätsdauer gelagerter Siebe und Sets
- Einfaches Reparatur- und Bestellmanagement
- Automatische Kostenermittlung bei der Aufbereitung
- Ermittlung der Instrumentenauslastung
- Einzelne Sterilgut- oder Fallwagenzuordnung zum Patienten
- Zahlreiche Auswertungsfunktionen aus Patienten- und Sterilgutsicht

PrimeLine Container

- neu konzipiertes permanentes Keimrückhaltesystem integriert in einen hochgradig thermostabilen Kunststoffdeckel
- Wirtschaftlichkeit durch einmalige Beschaffungskosten, niedrige Verbrauchskosten und „lifetime“ Funktion (5000 Zyklen validiert nach DIN EN 868, Teil 8, Anhang G)
- dem Erhalt der Sterilität während Lagerung, Transport und Sterilbereitstellung wird in vollem Umfang Rechnung getragen
- systematische Organisation des Sterilgutkreislaufes im Krankenhaus



Mit PrimeLine unterstreicht B. Braun Aesculap seine weltweit führende Position als Hersteller chirurgischer Instrumente und Sterilcontainer Systeme für die sichere und wirtschaftliche Sterilgutversorgung im Krankenhaus.

Think Competence. Think Aesculap.

Als kompetenter Partner in der medizinischen Fort- und Weiterbildung verknüpft die Aesculap Akademie durch intelligente Netzwerke Medical Professionals in der ganzen Welt. Unter dem Dach von B. Braun bietet sie ein durch Landesärztekammern oder medizinische Institutionen qualitätsgeprüftes Programm für Mediziner, Mitarbeiter in den Funktionsbereichen, Stationen und Praxen sowie Krankenhaus Management an.

Das Aesculapium in Tuttlingen ist Stammsitz der weltweiten Aesculap Akademie Aktivitäten. Differenzierte Schulungskonzepte werden entwickelt, die Theorie und Praxis verbinden, aufeinander aufbauen – gemäß den Richtlinien der „Continuing Medical Education“. Das vielseitige Programm umfasst indikationsbezogene Seminare, Workshops und Schulungen ebenso wie Management-Seminare.

Die Mediathek ergänzt das Fortbildungsangebot durch mehr als 270 qualitätsgeprüfte Filme der Deutschen Gesellschaft für Chirurgie. Sie dokumentieren und kommentieren OP-Techniken und chirurgische Themen nahezu jeder Disziplin.

Exzellenz in der medizinischen Fortbildung.
Aesculap Akademie.



Innerhalb des Schulungskonzeptes ermöglicht der praxisorientierte Teil u.a. die Erprobung neuer Techniken sowie den Erfahrungsaustausch der Teilnehmer.





Fachkundefhrgänge zum Sterilgutassistenten –
ein Beispiel aus der Praxis

Paul-Jürgen Metten arbeitet seit 1982 in der Rheinischen Klinik für Orthopädie in Viersen und leitet dort seit 1989 die OP- und ZSVA-Abteilung. Er absolvierte erfolgreich die Fachkundefhrgänge Sterilgutversorgung I – III von November 2002 bis Dezember 2003 an der Aesculap Akademie in Tuttlingen. In den Fachkundefhrgängen werden von erfahrenen Fachreferenten umfassende

Kenntnisse für Mitarbeiter der ZSVA und der OP-Abteilung vermittelt. Die Lehrgangsinhalte reichen von der Instrumentenaufbereitung und -dokumentation über alle Bereiche der Qualitätssicherung, der Kostenrechnung und der Personalentwicklung bis hin zur Vermittlung von rechtlichen Grundlagen, Betriebswirtschaftslehre und speziellen EDV-Voraussetzungen. Die drei Lehrgangsteile bauen aufeinander auf, führen aber zu selbstständigen Abschlüssen. Alle Fachkundefhrgänge basieren auf den Richtlinien der Deutschen Gesellschaft für Sterilgutversorgung (DGSV).

Auszug aus dem Angebot der Aesculap Akademie

OP, ZSVA und Medizintechnik:

- Osteosynthesetechniken
- Endoprothetik
- Motorensysteme
- Qualitätsmanagement
- OP-Management
- Sterilcontainer/ZSVA
- ...

Mediziner:

- Laparoskopische Abdominal-/Viszeralchirurgie
- Laparoskopische Hernienchirurgie
- Mikro-Chirurgie
- Naht-Technik-Seminar
- Laparoskopische Urologie
- Laparoskopische Gynäkologie
- ...

Einkauf und Verwaltung:

- DRGs
- Kompaktwissen Einkauf und Management
- Prozessoptimierung
- Qualitätssicherung
- Vertragsrecht
- Marketing und Vergabeordnung
- ...

„Ich habe mich für die Ausbildung mit der Aesculap Akademie entschieden, um mich sowohl fachlich als auch persönlich weiter zu qualifizieren. Natürlich hatte ich gemischte Gefühle nach 22 Jahren im Beruf noch einmal die Schulbank 'zu drücken'. Als jedoch die Betriebsleitung der Klinik die Kostenübernahme für den Lehrgang zusagte und ich mich eingehend über die Organisation und die Inhalte der Schulung informiert hatte, war ich von der Richtigkeit meiner Entscheidung überzeugt. Unterbringung und Verpflegung waren ebenso hervorragend organisiert wie die Bereitstellung der umfassenden Arbeits- und Hilfsmittel. Bei Fragen standen die Mitarbeiter der Aesculap Akademie stets zur Verfügung. Alle Fragen wurden sofort und sachkundig beantwortet und eine konstruktive Diskussion war nicht nur während der Workshops jederzeit möglich und erwünscht. Durch die ständige pädagogische und fachliche Betreuung haben alle Teilnehmer die Prüfung bestanden – was nicht zuletzt natürlich auch den ausgewählten Referenten, die über eine hohe fachliche Kompetenz verfügten und die komplexen Lerninhalte verständlich und praxisnah vermittelten, zu verdanken war.

„Man entwickelt einen Blick für das Wesentliche und lernt, in umfassenden Zusammenhängen zu denken ...“

Im Nachhinein hat sich eindrucksvoll bestätigt, dass sich das neu erworbene Wissen mit hohem Nutzen und sprichwörtlich Gewinn bringend im praktischen Berufsleben umsetzen lässt. Der Blick für das Wesentliche wird geschärft und durch den umfassenden Unterrichtsstoff der aufeinander aufbauenden Lehrgänge ist es möglich, die Zusammenhänge im Krankenhaus besser zu erkennen und zu verstehen sowie Prozesse sinnvoll zu reorganisieren.

Für mich persönlich waren vor allem die Grundlagen des Qualitätsmanagements und der Zertifizierung von besonderer Bedeutung, wie auch die neuen Erkenntnisse zur Validierung von Großsterilisatoren und zur Werterhaltung von Instrumenten. Die Klinikleitung ist vom Ergebnis der Fachkundefhrgänge ebenfalls so überzeugt, dass in Zukunft alle Kolleginnen und Kollegen aus dem OP- und ZSVA-Bereich ihre Ausbildung an der Aesculap Akademie absolvieren werden.“

Think Aesculap.

Preface

Profound knowledge derives from appreciating the significance of individual pieces of knowledge or experience and fitting them together into a coherent network. A principle B. Braun has been following consistently for more than 160 years, clearly reflected in its corporate claim: "Sharing Expertise". Sharing knowledge across all company divisions creates a broader, sounder knowledge base for everyone involved, resulting in far sighted, detailed solutions and maximum safety. For the benefit of the patient and in the interests of the user.

With over 130 years of experience in the surgical instrument sector, the Aesculap Division is a competent partner for this interdisciplinary knowledge sharing process.

The Aesculap brand represents a varied spectrum that intelligently and economically combines high quality products with process-orientated services. Aesculap is a reliable and accepted partner for the entire surgical process in the hospital.

Aesculap owes its standing among the best in the business to its employees, who, searching for the best possible solution, are never satisfied with their initial idea. Who repeatedly examine, question and optimize every development.

Thus, Aesculap is much more than a supplier of high precision surgical instruments: a partner who listens carefully and contributes ideas, who understands the customers' needs and requirements and provides for them on a high level. From products to services and seminars for all areas of activity within the hospital.



Think Quality

Think Partnership



- I treat contracts like a partnership: based on mutual trust and respect.

Think Partnership. Think Aesculap.

Think Competence



- The Aesculap Information Center in Tuttlingen is unique. Nowhere else in the world could I advise my customers so competently and offer such choice.

Think Competence. Think Aesculap.



- Our instruments are held in high esteem by surgeons all over the world. I know why this is and I make sure it stays that way.

Think Quality. Think Aesculap.

- People I talk to can be critical at first: high quality, but still an economically sensible solution? Then I simply let the facts speak for themselves.

Think Economy. Think Aesculap.



Think Economy

Think Service



- Sometimes it's the minor details we provide that make the process run smoothly. The main thing is, everything works and everyone is happy.

Think Service. Think Aesculap.

Think Innovation



- Each new product is like your own baby. You lovingly take care of it until it grows up and leaves home.

Think Innovation. Think Aesculap.

Think Quality. Think Aesculap.

To satisfy our own high demands as well as our users' expectations, Aesculap's quality requirements are extraordinarily high. For over 17,000 products covering practically all indications in the separate disciplines: no easy undertaking.

From the very beginning, we have set our own quality standard, severely narrowing the standard tolerances permitted by the DIN and ISO norms.

This can already be seen in the selection and inspection of the raw materials we use, and it continues throughout the entire production process.

Our manufacturing technique, a combination of high technology and precision manual work, integrated with our knowledge and expertise, enable us to produce instruments that are always true to pattern, extremely precise and of consistent high quality.

After all, at Aesculap we have known for more than 130 years that there is nothing more economical than high quality.



■ Quality Assurance

An essential element in our comprehensive quality management system is process integration, from the product idea through development and production to the inspected finished instrument. This includes modern manufacturing techniques and validated procedures, including systematic quality checks, to ensure that Aesculap quality remains constantly high.





■ We can only guarantee reproducible Aesculap quality over decades thanks to the technical skill, experience and care of Aesculap's surgical instrument makers. Expertise that is responsibly and conscientiously shared with others.



Tungsten Carbide Instruments

For our instruments with tungsten carbide inserts we use only high quality nickel-bound tungsten carbide tips, well known for their high corrosion resistance and low wear.



Hemostatic Forceps – Olive in the Jaw

The olive forms the transition from the working end or jaw to the "joint" of the instrument. This special design makes the jaw more elastic and the instrument less liable to break.



How do we ensure that every Aesculap instrument conforms exactly to the shape and dimensions of the master pattern? We inspect every single one!

Think Innovation. Think Aesculap.

In constant dialogue with practitioners and clinical partners, Aesculap designs and creates instruments for all surgical disciplines – frequently setting the trend. A team of 200 people around the world is employed in research and development into new, economically viable solutions to provide the best patient care.

The essential focus is not on what is possible technologically, but on what makes sense medically. Sensible developments for us mean instruments that function in such a way that they decisively and positively influence the course of a surgical operation, whilst not losing sight of economic considerations. For example:



BipoJet

Bipolar Dissecting Scissors for Open Surgery

BipoJet makes it possible to dissect, cut and coagulate in one step. For the surgeon, using BipoJet means that he or she can work more quickly, safely and efficiently. Innovative manufacturing technologies, such as the solid ceramic insert in the scissor blade and the PEEK synthetic coating ensure long life and safe electrical operation. For the hospital, efficiency, safety and long life represent an important economic advantage.



Münster Retraction System

The Münster Retraction System, now a byword for versatility, flexibility and stability in abdominal surgery, has been further developed to include a new open frame that can be quickly and easily adjusted into any position in three planes thanks to an innovative joint technology. This gives the user more freedom of action and further enhances the system's capacity to adapt to the individual operating situation.



Micro Instruments

For Cardiovascular Surgery

Manufactured through latest production technologies, from selected materials, for outstanding functionality. The jaw working surfaces of needle holders and forceps are finished with Aesculap DIADUST diamond dust coating. The result: a hard and hard-wearing working surface. DIADUST coating ensures a reliable grip on fine needles and soft tissue.

Joint Development of BipoJet,



Aesculap cooperates closely with users in the development of new surgical instruments and the further development of existing products. This enables us to create high quality products that set new standards and satisfy the surgeons' wishes and requirements down to the last detail. Valuable synergies and outstanding projects flow from this collaboration between Aesculap specialists and experienced users, resulting time and again in trendsetting innovations in surgical instruments.

Aesculap development projects are conducted within a tightly designed project management system to ensure transparency and efficiency.



a Practical Example



Prof. Dr. med. Gottfried Müller is the Medical Superintendent of the Surgery Clinic in the Bad Mergentheim Charity Hospital, and has played a decisive role in the development of Aesculap surgical instruments for over 20 years.

More than 20 years of successful and enjoyable cooperation with Aesculap on a large number of project ideas means for me friendly and confident listening, discussions based on a thorough knowledge of the subject, accurate project research and programming in categories such as "innovation, feasibility, market expectation, function, ergonomics, material, quality, production, research, testing, functionality, safety, reliability, clinical controls, practicability, cost effectiveness, system suitability and market acceptability". All these headings lie behind projects that were and are interesting for me.

But Aesculap also means for me personal association with interesting people who bring their experience and strength

into many different contacts: engineers, technicians, secretaries, business managers, doctors and developers, many creative men and women from all professions.

For me, knowing Aesculap means having an insight into a large and serious entity whose task is to provide products for medicine – things that are directly to do with us as surgeons. Against this background, Aesculap is a name that every surgeon knows. Behind the name I see people at desks and workbenches putting all their commitment into co-operative projects; projects that will help to define my future in medicine.

The latest example of this is the joint development of BipoJet.

Dr. med. Albert Linder is Chief Consultant in the Thoracic Surgery Department in the Hemer Lung Clinic, and is convinced of the value of input from daily practice into the development of products to benefit daily practice. For more than 10 years, Dr. Linder has been working closely with Aesculap as a clinical adviser.

"The development of the BipoJet scissor is an outstanding example of how users' ideas originating from their daily practice in the operating theatre can become a high tech product ready for the market in a very short time. With Aesculap, this is done in excellent cooperation between the surgeon and the development team, and always on site, either in the operating theatre or in the workshop."





Project consultation in the Aesculap Information Center in Tuttlingen involving representatives from all hospital departments.

The question of investing into surgical techniques has been made much more difficult and controversial by the constant changes in the healthcare market and by the introduction of DRGs and total quality management – once made, wrong decisions are extremely hard to put right.

The Aesculap project planning team of specialists with know-how and operational expertise supports hospitals and clinics in planning large or small projects and implements them expertly, reliably, and on time. All over the world.

The team cooperates with architects, technicians, doctors, nurses and hospital managers in analysing procedures, establishing needs and creating the necessary conditions for process optimization. The result is sound and effective project management from A to Z. Whether the task is to equip a new hospital or to build up a new discipline.

■ Information Visits

When planning an investment, you are faced with many questions and decisions that can often only be properly assessed afterwards. This is why we have made it our guiding principle to give you the greatest possible certainty in your decision-making. We offer our discussion partners the opportunity to form an exact picture of what we can provide, not only through our comprehensive consultation service in Tuttlingen, but also in the form of information visits, where you can have the chance to talk with colleagues in other hospitals on topics relating to all areas of activity. Everything to provide you with a sound basis for a confident decision.



Planning and Consulting – a Practical Example

"For complex projects you need a partner with vision, who keeps the overall concept in view when dealing with the details ..."

Dr. Dr. Dirk Knüppel

"The collaboration with Aesculap was brought about by the discipline swap between the Red Cross Clinic and the Clinic Maingau, both in-patient hospitals in the Frankfurt area with approximately thirty surgeons each. The supervisory authority had decided that the orthopaedic surgeons from Maingau should move to the Red Cross Clinic and that the gynaecologists and urologists from the Red Cross Clinic should move to Maingau by July 1st, 2003. The objective was to streamline the disciplines at each site, complying with the sponsors' demand that the same disciplines should no longer be available at both hospitals. This move was to coincide with the opening of a new operating theatre and functional wing in the Red Cross Clinic, incorporating a CSSD.

A complex project, that required external support from experienced consultants. To implement it, we were looking for a partner with vision, who would keep the overall concept in view when dealing with the details. And so, at beginning of 2002, we began discussions on the project with a consultant from Aesculap. We first looked together at the services Aesculap could offer before deciding what steps to take next. A detailed delivery and service contract – which in a worst-case scenario covered every element in the service package from the delivery of new instruments, refurbishment and value preservation to the installation of instacount®PLUS – ensured transparency and security right from the beginning. In addition, the assessment of requirements and cost estimate supplied by Aesculap provided a valuable basis for the hospitals' budget planning.

The consultation was based on an Inventory Analysis in both hospitals, the results of which were presented to the heads of nursing, surgery and hygiene and to the business directors. Aesculap began by

sorting the instruments from both hospitals into three categories: obsolete (high degree of corrosion), in need of repair, and still usable. Repair and refurbishment of the older instruments was organized in stages to avoid disrupting the everyday work of the departments affected more than was absolutely necessary. The next step was for Aesculap and the surgery managers to agree on the additional instruments and equipment required. On the one hand, this additional requirement was a result of the discipline swap, since enough instruments had to be available to carry out parallel operations in the same discipline. On the other hand, it arose from the need for the new, qualitatively enhanced CSSD to operate safely and smoothly. The instruments required were subsequently selected at the Aesculap headquarters in Tuttlingen and a new instrument set and container structure was developed, taking the needs of both clinics into account and excluding instruments that were no longer needed, thus saving the hospitals the expense of storing and maintaining them.

"It is all about finding the right economic combination – as many instruments as necessary, as few as possible"

At this stage of the project, the positive effects of Aesculap's consulting service were already becoming obvious to everybody concerned: early planning in the preparation stage helped to avoid timing and organizational bottlenecks to a great extent. During the entire restructuring phase the Aesculap consulting service offered the best possible support for staff already under additional pressure. Furthermore, the set and container optimization service saved unnecessary

Dr. Dr. Dirk Knüppel, MBA, Assistant to the Board of the Frankfurter Rotkreuz-Krankenhäuser e. V. and project director, talking about the Aesculap planning and consulting service in the context of the major project "discipline swap and new operating theatre at the RKH in Frankfurt"

costs for storing and maintaining redundant instruments and the procedures became much more economical.

Through the discipline swap, both hospitals gained a sharper profile with clear priorities, leading to higher case turnover and improved specialization. The optimization and standardization of processes we have achieved in collaboration with Aesculap has brought considerable cost savings in the medium term, and reflects our overall objective to offer the best possible quality of treatment at calculable costs. In addition to this, the restructuring, combined with the planning and consulting service provided by Aesculap, has helped us to adapt to DRG requirements while at the same time enhancing the quality of provision.

Since all decisions were taken in close consultation between Aesculap and the respective hospital managers, there were no information gaps and no delays. The discipline swap and the opening of the new operating theatre wing took place on time on July 1st, 2003, and here it should be emphasized that our partner from Aesculap did not just attend as a consultant, but took an active part in the proceedings in the truest sense of the word.



Think Economy. Think Aesculap.



You cannot work efficiently if you do not maintain the overview of your instrument stocks. It is only by knowing what instrumentation you have and by organising it logically and consistently that you can make real savings.

But who is going to take care of that in the day to day work in the hospital?

In its Inventory Analysis program, Aesculap, as a specialist service provider, makes a quantitative record and a qualitative analysis of the entire instrument stock – covering all disciplines and including all product suppliers. The result is an objective, detailed and up to date documentation of the hospital's stocks, including maintenance, repair and purchasing requirements together with the associated costs.

This is followed by Set Optimization, where the contents of the hospital's instrument sets are reorganized on site to comply exactly with the specific requirements of different indications and operating techniques. The working procedures in the hospital are discussed, a new concept for instrument sets is jointly worked out and new operating techniques can be explained if required.

All in all this concept contributes to maximum transparency, slims down procedures, opens up savings potential, provides security for investment planning and forms an essential component in quality management, with the goal of process optimization always in view.



Inventory Analysis and Set Optimization – a Practical Example

Prof. Dr. med. Hans-Rudolf Tinneberg, Medical Superintendent and Director of the Center for Gynaecology and Obstetrics at the Justus Liebig University, Giessen (Germany), and

Otto Armstroff, Head of Technical Purchases, talking about the development and outcome of the Aesculap project "Inventory Analysis and Set Optimization at the gynaecological clinic of Giessen University".

Prof. Tinneberg

"Optimising our processes has given our staff more time for the essentials – the patient and the quality of treatment ..."

Excellent surgical results depend not only on the skills of the surgeon, but also on the quality of the instruments used and on the composition of the instrument sets. Now we have a set structure that is optimally adapted to our requirements, that takes full account of the spectrum of operations we perform and that substantially contributes to greater economy, streamlined processes and, last but not least, better results.

The optimized processes within the university's gynaecological clinic are partly the result of an Inventory Analysis and Set Optimization service that we commissioned from Aesculap in the autumn of 2002, after I had taken over as director of the clinic. The change in directorship led to a shift of emphasis towards operative gynaecology. We were generally dissatisfied with our own instruments in our everyday work, and so, in agreement with the hospital management, we decided to embark on fundamental changes. Aesculap was already involved in the initial discussions and convinced all participants of the merits of the Inventory Analysis and subsequent Set Optimization concept. The Inventory

Analysis was carried out by two specially trained Aesculap technicians and covered the entire range of surgical instruments. A detailed list of all instruments was compiled, providing transparency in the quantity of instruments in the clinic and documenting their quality and condition with regard to wear and tear and the need for refurbishment or repair. On the basis of this report, the overall value of the instrument stock and the repair and replacement costs were analysed. As only a small percentage of the existing instruments could be repaired to make them suitable for further use, we agreed with Aesculap to put together a completely new collection of instrument sets.

The surgeons' visit to Aesculap in Tuttlingen was extremely constructive. There we could choose instruments that matched our requirements down to the last detail, and even order special instruments custom-made to our wishes. The instrument set structure was completely optimized and

adapted to the range of operations performed at the gynaecological clinic. In agreement with the operating theatre managers, large sets where individual instruments could not be easily identified were divided up and instruments that changes in operating techniques had made obsolete were set aside. This led to an overall increase in the quality of our instrumentation, which will be ensured in the medium and long term through the maintenance contract we have concluded with Aesculap. In this way, we can be certain of having high quality and precise instrumentation always available for demanding operations.

The theatre staff have greatly benefitted from the optimization, since the clearer set contents have significantly reduced the error rate in the CSSD and the streamlined processes leave more time for the essentials: the patient and the quality of treatment. The reduced physical strain for staff through strict controls on set and load weights should also not be underestimated. The training sessions conducted on site by Aesculap during the project provided an additional boost to staff motivation. The aim was to train the staff in the handling and care of the instruments, and also to help them understand the instrument names that refer to the original authors (Langenbeck hooks, Metzenbaum scissors etc.) and introduce these names into the daily routine. In addition to this, a training session was also provided for the surgeons, where Aesculap again gave a thorough explanation of how the new set structure was organized (set system with some interdepartmental basic and supplementary sets).

"...we can be certain of having high quality precise instrumentation always available for demanding operations..."

An extremely positive aspect of our collaboration with Aesculap should be emphasized: the consultation process was, and remains, at all times subject-related, objective and never profit-orientated.



If desired, the Aesculap consultants' detailed Inventory Analysis report can be presented to representatives from the various areas of responsibility within the hospital and the possibilities for further action explored in joint discussions.

Otto Armstroff

From my perspective as head of purchasing, quality aspects are just as important as economic considerations. But this has very little to do with short term cost savings. In relation to a comprehensive Inventory Analysis and Set Optimization, this means planning a long way ahead and above all reducing complexities to the minimum.

For instance, we included in the project the changeover from a decentralized to a Central Sterile Supplies Department in the hospital, which allowed us to achieve lasting capacity gains in instrument reprocessing and to reduce costs. CSSD throughput times were also improved, since the homogenization of the set contents and the economical organization of the sets shortened the necessary packing times. Strict outsourcing of reprocessing meant

that all these activities were concentrated within the CSSD, releasing other staff for their intended tasks.

"Our goal:

to create transparency in the sense of quality assurance and to realize savings potential"

One important advantage of the process, both economically and in terms of professional quality management, is the fact that all instruments that nowadays have to be regarded as of dubious value (chromium-plated, corroded) were removed from our stocks, while old instruments that could be repaired or refurbished were subsequently re-integrated into the new set structure, leading to further cost savings. We now have a standardized

selection of instruments, each of which can be identified and traced by its article number. This level of transparency gives us the accuracy we need for our cost and budget planning, especially under DRG conditions.

The good interdepartmental communication between the project participants and Aesculap and the professional attitude of the Aesculap team during their work in the hospital ensured trouble-free progress at all times. Because of this positive outcome, the Giessen University Hospital Board has decided to commission Aesculap to carry out its Set Optimization service in the other surgical disciplines as well.



The advantages of Set Optimization, in addition to knowledge transfer and enhanced quality management in the operating theatre, are the possibility to enhance staff efficiency and to reduce reprocessing costs in the CSSD.

Washing/Disinfecting

Reduction in ...

- ...the use of cleaning agents and disinfectants
- ...machine capacity requirements through restricting reprocessing to instruments actually needed
- ...maintenance costs through lower usage

Packing

Reduction in ...

- ...packing times
- ...packing material

Sterilization

Reduction in ...

- ...use of consumables
- ...machine capacity requirements through restricting reprocessing to instruments actually needed
- ...maintenance costs

Logistics

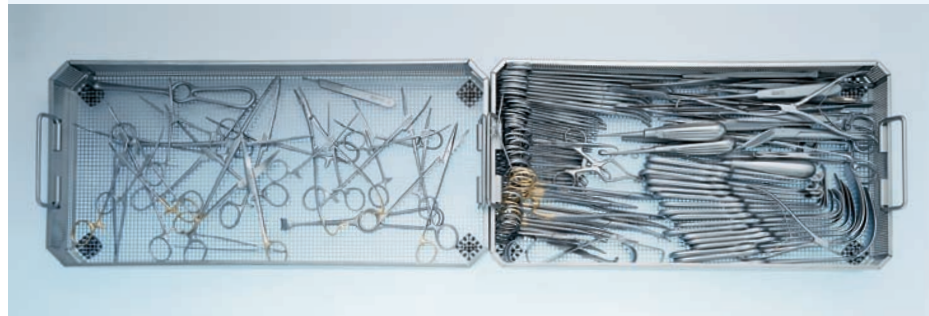
Improvement in ...

- ...instrument availability
- ...trolley capacities

Operating Theatre

Reduction in ...

- ...case-related costs
- ...complexity of theatre procedure



From the entire contents of the general instrumentation set, only the instruments in the tray on the left were actually used during an operation. In spite of this, the entire set of instruments had to be washed, disinfected, given general maintenance and sterilized in the CSSD. Tons of instruments are unnecessarily reprocessed in this way.

Set Optimization can substantially reduce the associated costs.

Sample Calculation of Cost Reduction Following Set Optimization

Before Set Optimization:

Laparoscopic set + basic set
approx. 120 instruments

2 sterile reprocessing units

with an average figure of
15 operations per week

1560 sterile reprocessing units per year

After Set Optimization by Aesculap:

Laparoscopic set + some additional standard
instruments approx. 45 instruments

1 sterile reprocessing unit

with an average figure of
15 operations per week

780 sterile reprocessing units per year

Just some of the results of Aesculap
Set Optimization:

- approx. 50% less sterilization capacity required
- approx. 50% reduction in packing times
- approx. 20 – 40 % less use of materials
- improved staff motivation

Think Partnership. Think Aesculap.

High quality instruments deserve to be valued in the truest sense of the word. After all, the instrument stock represents no small proportion of a hospital's total assets.

For this reason, the Aesculap quality repair is based on the same strict quality standards we apply to instrument production. This guarantees that the value and function of each instrument is maintained for as long as possible – safely and surely. To your advantage.

In addition to carrying out individual repair orders, we think that contracts to maintain the value of the instrument stock are to be recommended – especially when equipping a new operating theatre. Secure budgeting and detailed financial reporting, increasing process transparency within the hospital and allowing costs to be directly allocated to cost centres, speak for the Aesculap quality repair.

A blanket network of Aesculap sales representatives and distribution partners ensures reliable service on site at all times.



The aim of the Aesculap Technical Service (ATS) specialists is to lengthen the useful life of all instruments. They are careful, for instance, to remove as little material as possible when re-grinding scissors. Whether sharpening, polishing, adjusting or cleaning – in the ATS everything is always done with the same precision and care.



The Aesculap quality repair already represents a sensible investment for simple standard instruments. For high value, difficult instruments such as micro spring scissors it is an absolute must. Every incorrect or inadequate repair can quickly turn a valuable instrument into a useless write-off – automatically resulting in an unplanned investment in order to replace it.



After every repair, the surface of the instrument is completely refurbished and labelled with the ATS seal and the repair date.

The Aesculap Technical Service is there for you: experienced specialists help surgical teams out of their difficulties swiftly and reliably via our hotline. If desired, our collection and delivery service will pick up instruments for repair from the hospital and return them as quickly as possible after the quality repair has been carried out.



Think Service. Think Aesculap.

Today more than ever before, hospitals are being required to think economically and manage their costs efficiently, as well as to ensure their own legal security and the safety of their patients. In future, all processes involving surgical instrumentation will also need to be clearly documented and fully accountable.

To make sure this functions reliably, Aesculap offers its customers the instacount® Instrument Management System. Making an inventory of the instrument stock allows the circulating sets and instruments to be traced clearly and reliably throughout their lifetime.

Moreover, as well as the instrument purchase price, the repair and handling costs per set, per operation and per patient can also be documented and allocated accordingly.

In addition to the instacount®PLUS system solution, a BASIC version is now available as an easy to use plug and play software option. instacount®BASIC offers the ideal entry into computer assisted documentation of the instrument cycle, and can be expanded into the instacount® PLUS system solution without any difficulty.



instacount®

Deciding on instacount®PLUS or instacount®BASIC gives your hospital a solid foundation for successful working. Systematic and efficient Instrument Management creates transparency in your instrument stocks and makes planning and economic coordination easier.



Instrument Management System

- makes it possible for the first time to document and standardize a process
- improves clarity, system management and optimization
- supports sterile reprocessing with package assistants such as working instructions and media support (picture, sound, video) etc.
- inventory at the touch of a button (instruments, implants, consumables)
- assists the standardization of sets through freely definable master data with template technology
- provides transparency in tasks performed through informative production statistics on the product and set level
- controls and monitors the servicing intervals for trays, sets and individual products
- control automatic the sterility dates for trays and sets in storage
- manages simpler repairs and ordering
- calculates automatically costs for reprocessing
- establishes instrument utilization
- allocates individual the sterile goods or case trolleys to patients
- runs numerous analysis functions by patient or sterile goods

PrimeLine Containers

- newly designed permanent sterile protection system integrated into a high quality thermostable plastic lid
- economical: one-off purchasing costs, low consumable costs and "lifetime" function (5000 sterilization cycles validated in conformance with DIN EN 868, Part 8, Annex G)
- Maintenance of sterility fully assured during storage, transport and sterile preparation for use
- systematic organization of the sterile goods cycle in the hospital



With PrimeLine, B. Braun Aesculap underlines its position as world leader in the manufacture of surgical instruments and sterile container systems for the safe and economical supply of sterile goods in the hospital.

Think Competence. Think Aesculap.

As a competent partner in medical training and education, the Aesculap Academy uses intelligent networks to link up medical professionals all over the world. The quality of the program that the Academy offers for medical professionals, workers in specialist departments, wards and surgeries as well as for hospital management staff, all under the roof of B. Braun, is inspected and approved by the German state chambers of physicians or other medical bodies.

The Aesculapium in Tuttlingen, Germany, forms the headquarters for the Aesculap Academy's international activities. Differentiated training concepts have been developed, combining theory and practice and building one upon the other – in accordance with the guidelines for "Continuing Medical Education". The varied program includes indication-related seminars, workshops and training courses as well as management seminars.

The Mediathek supplements the training program with more than 270 approved quality films from the German Surgery Association. These document and comment on operating techniques and surgery topics from practically every discipline.

Excellence in medical training.
Aesculap Academy.



The practice-orientated component in the training concept allows participants to try out new techniques and exchange experience.





Specialist training courses to become a Sterile Processing Technician – a practical example

Paul-Jürgen Metten has been working in the Rhine Clinic for Orthopaedics in Viersen since 1982, and has been in charge of the Surgery and CSSD Department there since 1989. Between November 2002 and December 2003 he successfully completed Specialist Training Courses I – III in Sterile Goods Supply at the Aesculap Academy in Tuttlingen. In these courses, CSSD

and surgery staff are given comprehensive knowledge by experienced tutors. The course contents range from instrument reprocessing and documentation, all aspects of quality assurance, cost accounting and personnel development to basic legal knowledge, business management and specific IT requirements. The three course modules build on each other, although each concludes with an independent qualification. All specialist training courses are based on the guidelines of the Deutsche Gesellschaft für Sterilgutversorgung (DGSV), the German Society for the Supply of Sterile Goods.

A Selection from the Aesculap Academy's Training Programme

Surgery, CSSD and Medical Technology:

- Osteosynthesis techniques
- Arthroplasty
- Motor systems
- Quality management
- Surgery management
- Sterile containers/CSSD
- ...

Doctors:

- Laparoscopic abdominal and visceral surgery
- Laparoscopic hernia surgery
- Microsurgery
- Suture techniques seminar
- Laparoscopic urology
- Laparoscopic gynaecology
- ...

Purchasing and Hospital Management:

- DRGs
- Compact Purchasing and Management course
- Process optimization
- Quality assurance
- Contract law
- Marketing and order placement
- ...

"I decided on training with the Aesculap Academy in order to extend my qualifications both professionally and personally. Of course, I had mixed feelings about "going back to school" after 22 years in a job. However, after the management of the Clinic had agreed to pay the cost of the course and I had informed myself in detail about the organization and the content of the training program, I was convinced that I had made the right decision. The organization of accommodation and catering was as excellent as the provision of comprehensive learning and support material. The Aesculap Academy staff were always on hand to answer any questions, which they did immediately and expertly. Constructive discussion was possible and indeed invited at all times, and not only during the workshops. Thanks to the constant support of the teaching and technical staff, all the participants passed the examination. Thanks are also due of course to the specially selected tutors, who possessed a high degree of competence in their subject and who managed to convey the complicated contents of the course in an understandable and practical way.

"You develop a view for the essential, and learn to think in terms of connections...."

Looking back, I am impressed by the way in which my newly acquired knowledge can be translated into my daily professional activities to great advantage to myself and to the hospital. You develop a sharper view for the essential, and the comprehensive teaching material in the courses enables you to recognize and understand the connections that exist within the hospital, as well as teaching you how to reorganize processes sensibly.

For me personally, learning the basics of quality management and certification was particularly important, as was the knowledge I acquired about the validation of large sterilizers and preserving the value of surgical instruments. The clinic management is also so convinced by the result of the training courses that in future all colleagues working in surgery and CSSD departments will attend training courses at the Aesculap Academy."

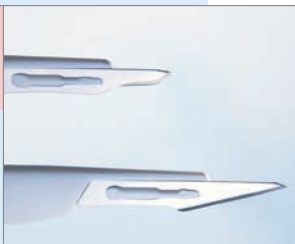
AC/AD



Untersuchung-Diagnostik, Vorbereitung
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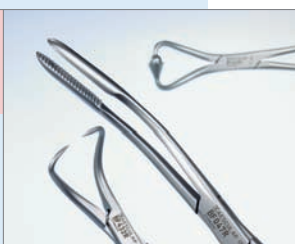
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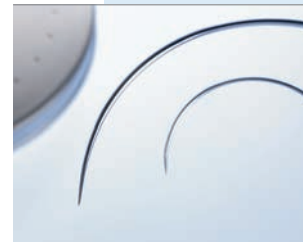
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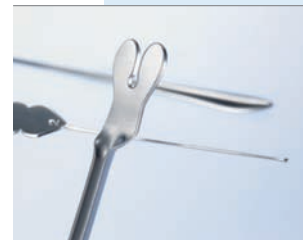
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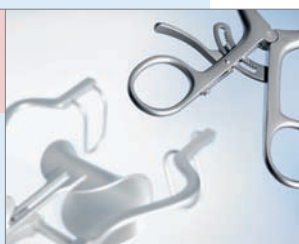
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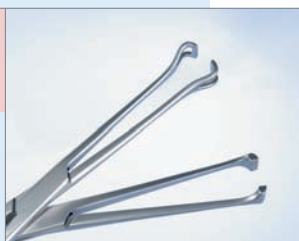
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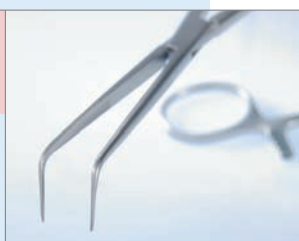
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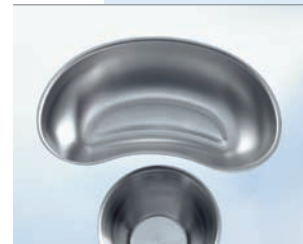
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Examination-Diagnostic, Preparation

Untersuchung – Diagnostik – Examination – Diagnostic

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Head Mirrors and Head Bands



ZIEGLER

AC402

Stirnspiegel allein, mit Gummifassung
Head mirror only, with rubber coating



ZIEGLER

OF090

Stirnspiegel allein, mit Metallfassung
Head mirror only, with metal coating



ZIEGLER

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Head band of plastic, black, only

AC414

Stirnband aus Plastik, weiß, allein
Head band of plastic, white, only



MURPHY

AC415

Stirnband aus Celluloid, weiß, allein
Head band of celluloid, white, only



AC416

Stirnband aus Plastik, weiß,
allein, weiches Modell
Head band of plastic, white,
only, soft pattern



AC421

Stirnspiegel (AC402)
mit schwarzem Plastikband (AC413)
Head mirror (AC402)
with black plastic head band (AC413)

AC



Untersuchung – Diagnostik – Examination – Diagnostic

Stirnlampen Head Lights

AC



AC440

220 Volt
Transformator
220 volts
Transformater



CLAR 55

AC461

Stirnlampe, 6 Volt, mit verstellbarem Gelenk,
weißem Stirnband aus Celluloid mit Schaumgummi-
polsterung und Kabel mit Zwischenstecker
zum Trafo AC440

Head light, 6 volt, with adjustable joint,
white celluloid head band, with foam rubber pad
and cord with plugs for transformer AC440

AC462

Reflektor, allein, für Stirnlampe AC461
Mirror, only, for head light AC461

AC464

Ersatz-Schaumgummipolsterung für Stirnband AC454
Spare foam rubber pad, for head band AC454



AC463

Ersatzbirnchen
Spare bulb



Untersuchung – Diagnostik – Examination – Diagnostic

Zungenspatel

Tongue Depressors

AC



OM202R

145 mm, 5 3/4"



OM203R

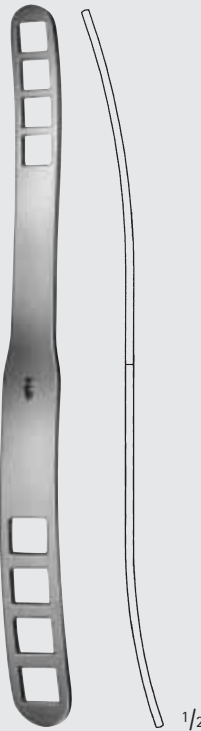
140 mm, 5 1/2"



BUCHWALD

OM205R

180 mm, 7"



BRUENINGS

OM208R

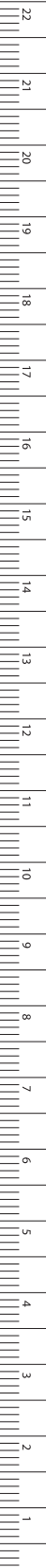
190 mm, 7 1/2"



Untersuchung – Diagnostik – Examination – Diagnostic

Kehlkopfspiegel Laryngeal Mirrors

AC



1/1

**OM078R/
AC468R**

Fig. 000
Ø 6 mm
diam. 6 mm



1/1

**OM079R/
AC469R**

Fig. 00
Ø 8 mm
diam. 8 mm



1/1

**OM080R/
AC470R**

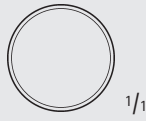
Fig. 0
Ø 10 mm
diam. 10 mm



1/1

**OM081R/
AC471R**

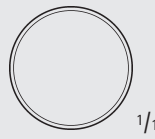
Fig. 1
Ø 12 mm
diam. 12 mm



1/1

**OM082R/
AC472R**

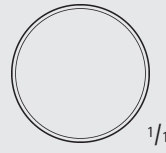
Fig. 2
Ø 14 mm
diam. 14 mm



1/1

**OM083R/
AC473R**

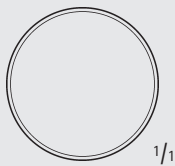
Fig. 3
Ø 16 mm
diam. 16 mm



1/1

**OM084R/
AC474R**

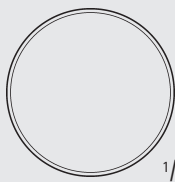
Fig. 4
Ø 18 mm
diam. 18 mm



1/1

**OM085R/
AC475R**

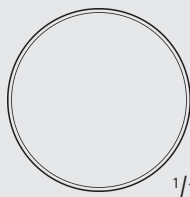
Fig. 5
Ø 20 mm
diam. 20 mm



1/1

**OM086R/
AC476R**

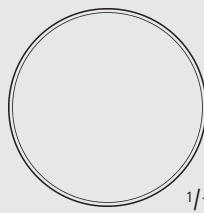
Fig. 6
Ø 22 mm
diam. 22 mm



1/1

**OM087R/
AC477R**

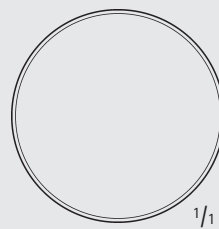
Fig. 7
Ø 24 mm
diam. 24 mm



1/1

**OM088R/
AC478R**

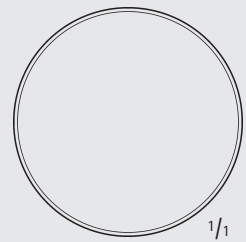
Fig. 8
Ø 26 mm
diam. 26 mm



1/1

**OM089R/
AC479R**

Fig. 9
Ø 28 mm
diam. 28 mm



1/1

**OM090R/
AC480R**

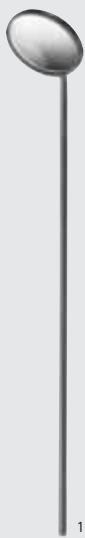
Fig. 10
Ø 30 mm
diam. 30 mm



1/2

**OM078R-
OM090R**

Kehlkopfspiegel
mit Sechskantgriff
Laryngeal mirrors
with hexagonal handle
180 mm,
7"



1/2

**AC468R-
AC480R**

Kehlkopfspiegel
Laryngeal
mirrors
120 mm,
4 3/4"



1/2

AC481R

Spiegelgriff
Mirror
handle
110 mm,
4 3/8"



1/2

AC483C

Spiegelgriff
Mirror
handle
105 mm,
4 1/8"



1/1

AC497R

Ø 12 mm
diam.
12 mm



1/1

AC498R

Ø 14 mm
diam.
14 mm

MICHEL

**AC497R/
AC498R**

Rhinoskopie-
spiegel
Rhinoscopic mirrors
250 mm, 10"

MILLIMETERS

Untersuchung – Diagnostik – Examination – Diagnostic

Stimmgabeln

Tuning Forks

AC



1/2

HARTMANN

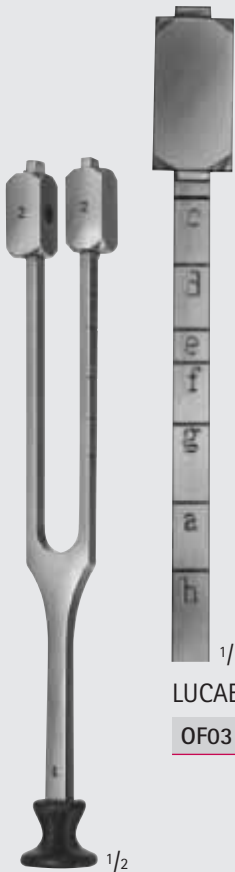
OF001N	= c 128
OF002N	= c ¹ 256
OF003N	= c ² 512
OF004N	= c ³ 1024
OF005N	= c ⁴ 2048
OF006N	= c ⁵ 4096



1/2

OF010N = a¹ 440

Stimmgabeln für Neurologen
Tuning forks for neurologists



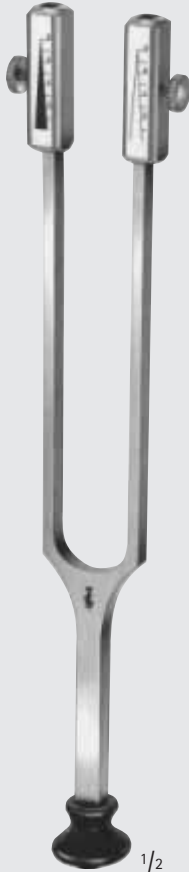
1/2



1/1

LUCAE

OF031N = c 128



1/2

RYDEL-SEIFFER

OF033N

mit Dämpfer = c 64
ohne Dämpfer = c 128
with clamps = c 64
without clamps = c 128



Untersuchung – Diagnostik – Examination – Diagnostic

Instrumente zum Messen Instruments for Measuring



AA804R-AA806R

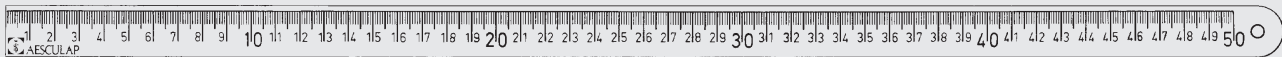
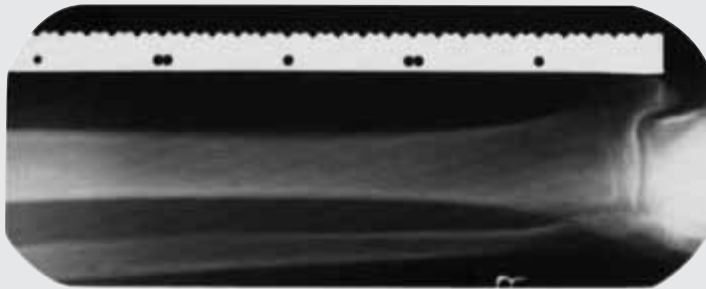
Stahlmaßstab, nichtrostend,
Millimeter- und Zolleinteilung
Steel ruler, stainless, graduated
in millimeters and inches

AA804R	AA805R	AA806R
150 mm	300 mm	500 mm
6"	12"	20"



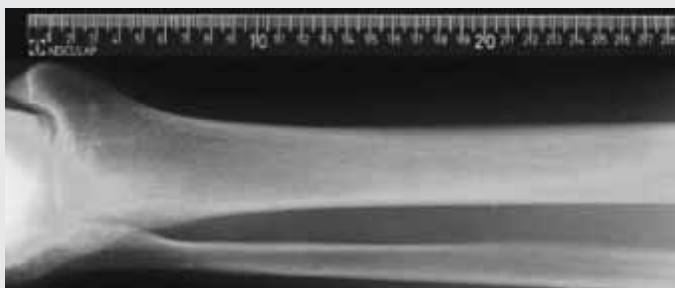
AA808R

Röntgen-Messstab für Messungen bei Frakturbehandlung.
Direkte Ablesemöglichkeit der Abmessungen.
Einteilung in 1/2 cm durch gut sichtbare Kerben an
der Kante, die vollen cm sind durch tiefe Kerben
ersichtlich. Um das Ablesen zu erleichtern, sind
die 5 cm und 10 cm Abstände durch Löcher markiert.
Ruler for X-ray work in fracture treatment.
Direct reading. Graduation from half to half cm by
distinct notches at the rim. Full cms are accentuate
by deeper notches. Markings of 5 cm and decimeter
distance by one and two holes respectively.
500 mm, 20"



AA809

Röntgen-Messstab aus Kunststoff, flexibel
im Autoklav sterilisierbar bei 143°C (3 bar).
Dieser Röntgen-Messstab hat den Vorteil, dass die
Zahlen und die Millimeteerteilung im Röntgenbild
gut sichtbar sind.
Plastic ruler, flexible, for X-ray work.
Can be sterilized in an autoclave at 143°C (3 bar).
Figures and mm-graduation transparent to X-ray.
500 mm, 20"



AA821C-AA822C

Stahlmaßband, Millimeter- und Zolleinteilung
Steel tape measure, graduated in millimeters and inches

AA826

Maßband aus Wachstuch, Millimeter- und Zolleinteilung
Tape measure of oilcloth, graduated in millimeters and inches

Hinweis:
Nicht zur Dampfsterilisation geeignet
Note:
Not suitable for steam sterilization

AA821C	AA822C	AA826
1,5 m	2,0 m	1,5 m
60"	80"	60"

AD

22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
MILLIMETERS

Untersuchung – Diagnostik – Examination – Diagnostic

Instrumente zum Messen

Instruments for Measuring

AD



AA845R

Spezial-Messschieber
für die Neurochirurgie

Special caliper
for neurosurgery
125 mm, 5"



AA846R

Messschieber,
Messbereich bis 150 mm

Caliper,
measuring range up to 150 mm
230 mm, 9"



AA847R

Messschieber,
Messbereich bis 100 mm

Caliper,
measuring range up to 100 mm
130 mm, 5 1/8"



AD110R

Finger-Goniometer
Finger goniometer



AD123R

Ø 33 mm
diam. 33 mm



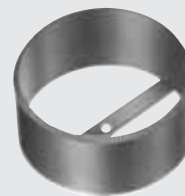
AD125R

Ø 38 mm
diam. 38 mm



AD127R

Ø 42 mm
diam. 42 mm



AD129R

Ø 48 mm
diam. 48 mm

AD123R-AD129R

Mamillenmarkierer, gezahnt
Mamilla marker, toothed



Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung Preparation



BA244R

Rasierklingennmesser für auswechselbare Klingen,
mit Sicherheitskamm
Razor for interchangeable blades,
with safety clip



BA245R

Ersatzklingen
Bestelleinheit: PAK = Packung a 10 Stück
Spare blades
Sales unit: PAK = Package of 10 pieces
70 mm, 2 3/4"

Elektra® II



GH201-GH204

Die Wartung der AESCULAP Elektra® II ist problemlos.
Der dauergefettete Elektromotor mit ruhigem Lauf benötigt
keine Pflege, nur die Schneideköpfe sind regelmäßig zu ölen.
Die Maschine ist schutzisoliert.
Elektrische Schermaschinen
(ohne Schneideköpfe)
Maintenance for the AESCULAP Elektra® II is no problem
at all. The permanently lubricated motor does not need any
maintenance – only the cutterheads require periodic oiling.
The clipper is double insulated.
Electric hair clippers
(without cutterheads)

GH201	GH204
110-125 Volt	220 Volt
110-125 volts	220 volt

Zulassungen:

Registrations:

CE gemäß Richtlinie 89/336/EWG und 73/23/EW
conforming to directive 89/336/EEC and 73/23/EEC



GH700-GT784

Auswechselbare Schneideköpfe
Interchangeable cutterheads

Schnitthöhe
Height of clip

GH700	1/20 mm	
GH703	1/10 mm	
GT730	1/2 mm	
GH712	1 mm	
GT736	1 mm	weite Zahnung wide tooth
GT746	1,5 mm	
GT710	1,8 mm	feine Zahnung fine tooth
GH715	2 mm	kurze Zähne short teeth
GT742	2 mm	lange Zähne long teeth
GT754	3 mm	kurze Zähne short teeth
GT748	3 mm	lange Zähne long teeth
GT758	5 mm	
GT770	7 mm	
GT779	9 mm	
GT782	12 mm	
GT784	16 mm	

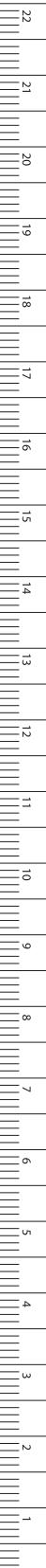
Hinweis:

Die Schneideköpfe passen auch auf den seither
gelieferten Maschinentyp Elektra I.

Note:

Cutterhead system – to be used interchangeably for
Elektra II as well as for Elektra I clipper.

AN



Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung

Preparation

weitere Waschzangen siehe Rubrik BF
further dressing forceps see section BF



GROSS

BF046R-BF047R

Waschzangen
Dressing forceps
200 mm, 8"



BF046R

BF047R



AESCULAP

BF060R-BF061R

Waschzangen
Dressing forceps
220 mm, 8 3/4"



BF060R

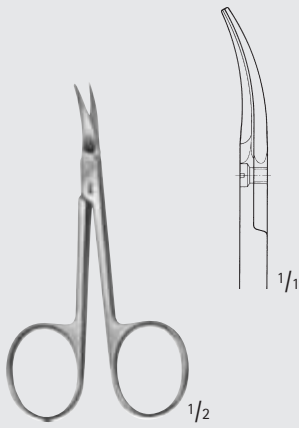
BF061R



Untersuchung – Diagnostik – Examination – Diagnostic

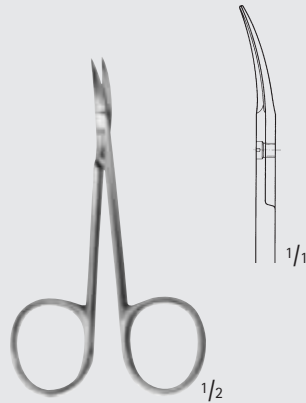
Vorbereitung Preparation

AN



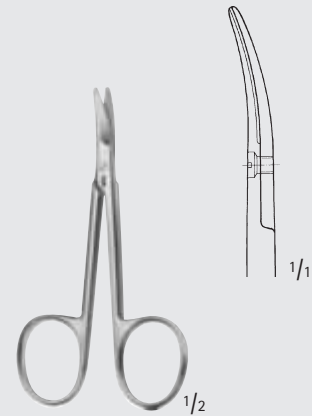
HF400R

Nagelschere
Nail scissors
90 mm, 3 1/2"



HF409R

Nagelschere
extra feines Modell
Nail scissors
especially delicate pattern
90 mm, 3 1/2"



HF032R

Baby-Nagelschere
Baby nail scissors
85 mm, 3 1/8"



HF014R	HF019R	HF020R	HF021R
90 mm	90 mm	100 mm	110 mm
3 1/2"	3 1/2"	4"	4 3/8"

HF014R-HF021R

Nagelscheren
Nail scissors



HF028R	HF030R	HF031R
95 mm	95 mm	105 mm
3 3/4"	3 3/4"	4 1/8"

HF028R-HF031R

Nagelscheren
Nail scissors



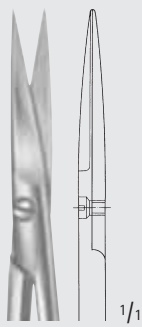
MILLIMETERS

Untersuchung – Diagnostik – Examination – Diagnostic

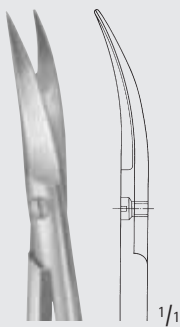
Vorbereitung

Preparation

AN



BC056R



BC057R

BC056R-BC057R

90 mm, 3 3/4"



HF213R

Nagelzange

Nail cutter

135 mm, 5 1/4"



HF234R

Nagelzange

Nail cutter

145 mm, 5 3/4"



HF250R

Nagelzange

Nail cutter

155 mm, 6"



HF520R

Nagelschere HF020R und Nagelfeile HF514R
mit 50 cm langer verchromter Kette HF519C
Nail scissors HF020R and nail file HF514R
with 50 cm (19 1/2"), chromium plated-chain HF519C

1/2



HF514R

Nagelfeile
Nail file
100 mm, 4"

1/1

1/1



HF566R

Nagelfeile
Nail file
150 mm, 6"

1/1



Untersuchung – Diagnostik – Examination – Diagnostic

Narkoseinstrumente

Instruments for Anaesthesia

Zungenspatel siehe Rubrik AC
Tongue depressors see section AC



OM010

Mundsperrer aus Holz
Mouth gag wooden
140 mm, 5 1/2"



SCHMID

OM015R

Mundsperrer stufenlos durch Gewinde zu verstellen, 1 Maulteil beweglich gelagert
Mouth gag, infinitely adjustable by thread, with 1 moveable part



HEISTER

OM030R

Mundsperrer
Mouth gag
130 mm, 5 1/8"



FERGUSON-ACKLAND

OM044R

Mundsperrer
Mouth gag
145 mm, 5 3/4"

Untersuchung – Diagnostik – Examination – Diagnostic

Narkoseinstrumente

Instruments for Anesthesia

Zungenspatel siehe Rubrik AC

Tongue depressors see section AC



1/2

OM010

Mundsperrer aus Holz

Mouth gag wooden

140 mm, 5 1/2"



1/1

SCHMID

OM015R

Mundsperrer stufenlos durch Gewinde zu verstellen, 1 Maulteil beweglich gelagert

Mouth gag, infinitely adjustable by thread, with 1 moveable part



1/2

HEISTER

OM030R

Mundsperrer

Mouth gag

130 mm, 5 1/8"



1/2

FERGUSON-ACKLAND

OM044R

Mundsperrer

Mouth gag

145 mm, 5 3/4"



Untersuchung – Diagnostik – Examination – Diagnostic

Narkoseinstrumente

Instruments for Anesthesia

AN



OM047R

Mundsperrer
Mouth Gag
125 mm, 5"



OM048R

Mundsperrer
Mouth gag



ROSER-KÖNIG

OM049R

Mundsperrer
Mouth gag
185 mm, 7 1/4"



MAGILL

AN379R-AN381R

Kathetereinführungszangen
Catheter introducing forceps



AN379R

für Kleinkinder
for infants
150 mm
6"



AN380R

für Kinder
for children
200 mm
8"



AN381R

für Erwachsene
for adults
250 mm
10"





Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung Preparation

AN



PEAN

BH410R

Schlauchklemme
Tubing clamp forceps
125 mm, 5"



KLINIKUM BERLIN

AN908R

Schlauchklemme
starkes Modell, lange Sperre,
daher Durchlauf dosierbar
Tubing clamp
heavy pattern, long ratchet,
therefore passage adjustable
145 mm, 5 3/4"



AN909R

Schlauchklemme
sehr starkes Modell
Tubing clamp forceps
especially heavy pattern
165 mm, 6 1/2"



AN910R

Schlauchklemme
sehr starkes Modell
Tubing clamp forceps
especially heavy pattern
165 mm, 6 1/2"



MILLIMETERS

Untersuchung – Diagnostik – Examination – Diagnostic

Vorbereitung

Preparation

AN



AN911R

Schlauchklemme

Tubing clamp

180 mm, 7"



AN912R

Schlauchklemme

Tubing clamp

180 mm, 7"



AN913R

Schlauchklemme

Tubing clamp

200 mm, 8"



MD452R-MD454R

Schlauchklemmen

Tubing clamps

MD452R	MD453R	MD454R
155 mm	185 mm	200 mm
6"	7 1/4"	8"



SAUERBRUCH

JG850R

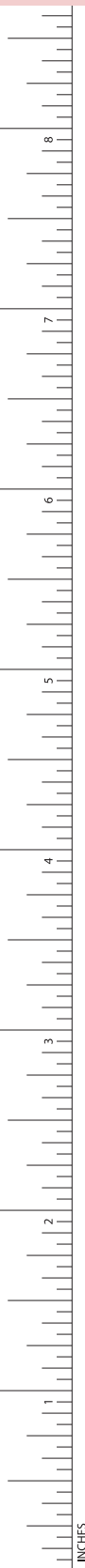
Fasszange für verbrauchtes
Verbandmaterial und Tupfer

Operating Room

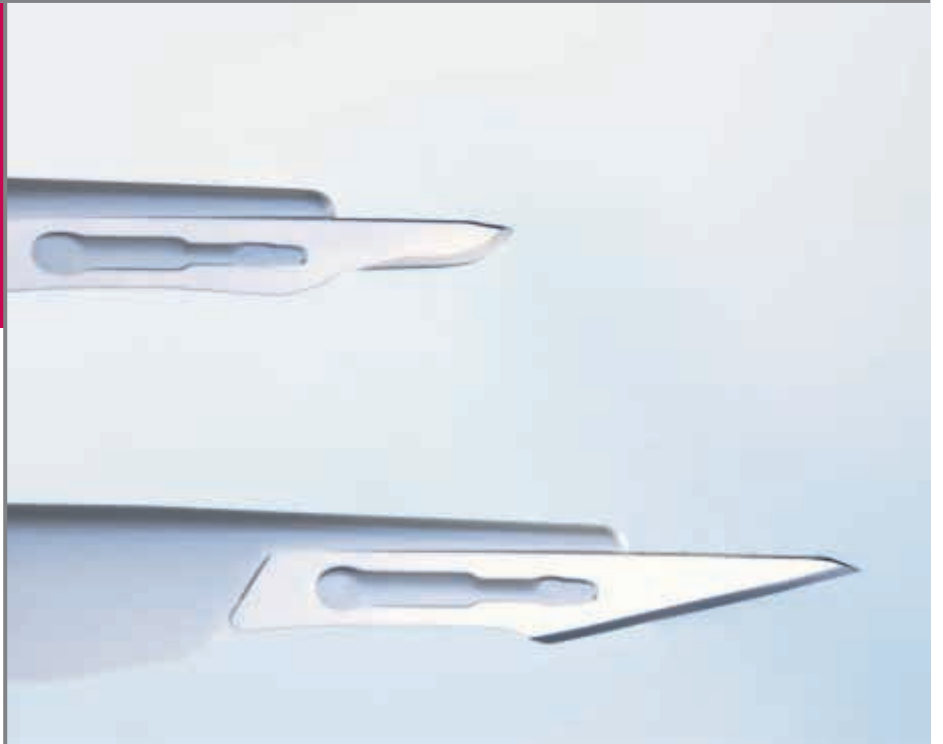
Pick-up forceps for used
tampons and dressings

550 mm, 22"





BA



Sterilskalpelle, Skalpelle, Messer
Sterile Scalpels, Scalpels, Knives

Sterilskalpelle – Sterile Scalpels

Sterilskalpelle mit Kunststoffheft und Klingenschutz

Sterile Scalpels with Plastic Handle and Blade Protector

BA



1/1

Carbon Steel **BA210**
Stainless Steel **5518059**
Fig. 10



1/1

BA211
5518040
Fig. 11



1/1

BA212
5518105
Fig. 12



1/1

BA215
5518032
Fig. 15



1/1

BA218
Fig. 18





Sterilskalpelle – Sterile Scalpels

Sterilskalpelle mit Kunststoffheft und Klingenschutz
Sterile Scalpels with Plastic Handle and Blade Protector



1/1

Carbon Steel **BA219**
Stainless Steel

Fig. 19



1/1

BA220
5518067

Fig. 20



1/1

BA221
5518075

Fig. 21



1/1

BA222
5518083

Fig. 22



1/1

BA223
5518016

Fig. 23



1/1

BA224
5518091

Fig. 24

BA210-BA224/5518016-5518105

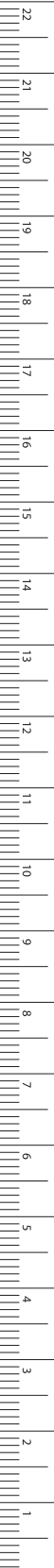
Bestelleinheit:

PAK = Packung à 10 Stück

Sales unit:

PAK = Package of 10 pieces

BA



MILLIMETERS

Sterilskalpelle – Sterile Scalpels

Einmalskalpelle, Mikroskalpelle mit Plastikgriff

Scalpels for Single Use, Microsurgery Scalpels with Plastic Handle

Bestelleinheit:

PAK = Packung à 10 Stück

Sales unit:

PAK = Package of 10 pieces

Bestelleinheit:

PAK = Packung à 5 Stück

Sales unit:

PAK = Package of 5 pieces



BA311SU

Fig. 11
230 mm, 9"



BA323SU

Fig. 23
230 mm, 9"



1/1

BA364

165 mm, 6 1/2"



1/1

BA365

165 mm, 6 1/2"



1/1

BA367

165 mm, 6 1/2"



Sterilskalpelle – Sterile Scalpels

Zeichenfeder
Mapping Pens

BA



1/1

ECKHOFF

BA704R

Zeichenfeder, komplett
Mapping pen, complete
145 mm, 5 ³/₄"



1/1

BA705

Zeichenfeder, allein
zum Einmalgebrauch
Nib, only
for single use

Bestelleinheit:
PAK = Packung à 12 Stück
Sales unit:
PAK = Package of 12 pieces



AD099R

Metallgefäß für
Markierungsflüssigkeit
Metal ink pot



MILLIMETERS

Sterilskalpelle – Sterile Scalpels

Skalpelle
Scalpels

BA



BA401R BA402R BA403R BA407R BA408R BA409R

BA401R-BA409R
130 mm, 5 1/8"



BERGMANN
BA451R
140 mm, 5 1/2"



Sterilskalpelle – Sterile Scalpels

Skalpelle, Tenotome
Scalpels, Tenotomes

BA



1/1



BA501R

BA503R

BA504R

BA506R

BA507R

BA508R

BA509R

BA546R

BA514R

BA563R

Tenotom
Tenotome

BA501R-BA563R

140 - 175 mm, 5 1/2 - 7"



MILLIMETERS

Sterilskalpelle – Sterile Scalpels

Amputationsmesser

Amputation Knives

BA



doppelschneidig
double cutting

LISTON

FH100R-FH103R

Amputationsmesser
Amputation knives

	FH100R	FH101R	FH102R	FH103R
Schnittlänge:	130 mm	160 mm	190 mm	220 mm
Blade length:	5 1/8"	6 1/4"	7 1/2"	8 3/4"



doppelschneidig
double cutting

CATLIN

FH116R

Amputationsmesser
Amputation knife

Schnittlänge: 160 mm
Blade length: 6 1/4"



LANGENBECK

FH150R

Lappenmesser
Flap knife

Schnittlänge: 120 mm
Blade length: 6 1/4"



Sterilskalpelle – Sterile Scalpels

Amputations- und Resektionsmesser

Amputation- and Resection Knives

BA



1/2

FH160R

Phalangenmesser
Phalangeal knife

Schnittlänge: 105 mm
Blade length: 4 1/8"



1/2

FH166R

Zwischenknochenmesser
Interosseous knife

Schnittlänge: 110 mm
Blade length: 4 3/8"

doppelschneidig
double cutting



1/2

FH170R

Beinhautmesser
mit Schaber
Periosteum knife
with raspator

Schnittlänge: 65 mm
Blade length: 2 1/2"



1/2

FH191R

LANGENBECK

Resektionsmesser
Resection knives

Schnittlänge: 55 mm
Blade length: 2 1/8"



1/1

FH192R



Sterilskalpelle – Sterile Scalpels
Fistelmesser
Fistula Knives

BA



SIMON
BA604R-BA606R
200 mm, 8"

1/1



BA604R



BA605R



BA606R
1/1



ULRICH
BA611R
225 mm, 9"

1/1



Sterilskalpelle – Sterile Scalpels

Trigeminus- und Tonsillenmesser
Trigeminal- and Tonsil Knives

BA



1/1

OLIVECRONA

BA646R

Trigeminusmesser
Trigeminal knife
205 mm, 8"



1/1

BA641R

Trigeminusmesser
Trigeminal knife
230 mm, 9"



1/1

FOWLER

OM680R

Tonsillenmesser
Tonsil knife
200 mm, 8"

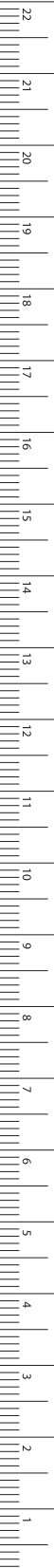


1/1

ABRAHAM

OM681R

Tonsillenmesser
Tonsil knife
215 mm, 8 1/2"



MILLIMETERS

Sterilskalpelle – Sterile Scalpels

Skalpelle
Scalpels

Meniskusmesser siehe Rubrik FO
Meniskus knives see section FO



1/1

MASING

OL114R

Knorpelritzmesser,
in der Spitze gebogen
Cartilage slitting knife,
curved blade, pointed
130 mm, 5 1/8"



1/1

JOSEPH

OL102R-OL104R

Plastikmesser

Double-edged nasal knives,
pointed
145 mm, 5 3/4"



1/1

OL102R

gerade
straight



1/1

OL104R

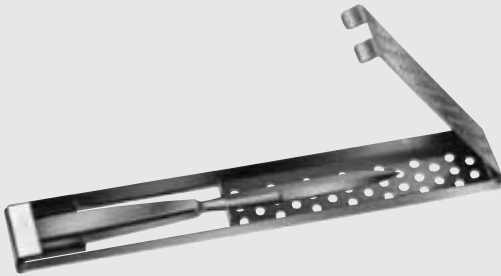
gebogen
curved



Sterilskalpelle – Sterile Scalpels

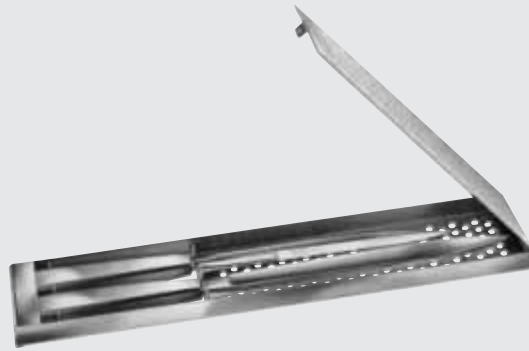
Sterilisierahmen, Hautstanzen
Sterilizing Racks, Dermal Punches

BA



FH194R

Sterilisierahmen für 1 Messer
mit Schnittlänge bis 140 mm
Sterilizing rack for 1 knife
with length of blade up to 140 mm
290 x 40 x 14 mm



FH197R

Sterilisierahmen für 2 Messer
mit Schnittlängen bis 190 mm
Sterilizing rack for 2 knives
with length of blade up to 190 mm
335 x 65 x 14 mm

FH194R-FH197R

für Resektions- und Amputationsmesser
for Resection- and Amputation knives



○ 1/1

OL652R

Ø 2 mm
diam. 2 mm

○ 1/1

OL653R

Ø 3 mm
diam. 3 mm

○ 1/1

OL654R

Ø 4 mm
diam. 4 mm

○ 1/1

OL656R

Ø 6 mm
diam. 6 mm

○ 1/1

OL657R

Ø 7 mm
diam. 7 mm

KEYES

OL652R-OL657R

Hautstanzen
Dermal punches
100 mm, 4"



KEYES MODIF.

OL670R

Hautstanze, komplett,
mit 5 auswechselbaren Aufsätzen, Griff und Gestell
Dermal punch, complete
with 5 interchangeable tips, handle and rack



MILLIMETERS

Sterilskalpelle – Sterile Scalpels

Handdermatome

Skin Grafting Knives

BA



GOULIAN

BA710R

Dermatom mit 3 Schnittschablonen in den Stärken 0,20, 0,25 und 0,30 mm, kpl. mit 5 Klingen BA711R
Dermatome with 3 grafting templates 0.20, 0.25 and 0.30 mm thick, complete with 5 blades BA711R
180 mm, 7"

BA711R

Ersatzklingen, unsteril
Bestelleinheit:
PAK = Packung à 50 Stück
Spare blades, non sterile
Sales unit:
PAK = Package of 50 pieces



SCHINK

BA706R

Dermatom, einstellbar von 0,1 bis 2,0 mm, komplett, mit 1 auswechselbaren Klinge und 2 Spannplatten
Dermatome, adjustable from 0.1 to 2.0 mm, complete, with 1 interchangeable blade and 2 skin straightening plates
300 mm, 12"

BA708R

Ersatzklinge allein
Spare blade only



BA709R

Spannplatte allein
Skin straightening plate only



Sterilskalpelle – Sterile Scalpels

Handdermatome

Skin Grafting Knives



SILVER

BA715R

Dermatom,
ohne Klengen
Skin graft knife,
without blade
190 mm, 7 1/2"

BA716R

Ersatzklinge, unsteril
Bestelleinheit:
PAK = Packung à
5 Stück
Spare blade, non sterile
Sales unit:
PAK = Package of
5 pieces



WATSON

BA719R

Dermatom,
ohne Klengen
Skin graft knife,
without blade
300 mm, 12"

BA718R

Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à
10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of
10 pieces



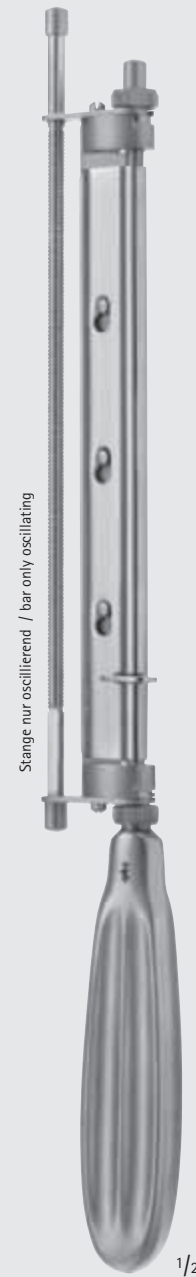
COBBETT

BA717R

Dermatom,
ohne Klengen
Skin graft knife,
without blade
315 mm, 12"

BA718R

Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à
10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of
10 pieces



BRAITHWAITE

BA712R

Dermatom,
ohne Klengen
Skin graft knife,
without blade
315 mm, 12"

BA718R

Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à
10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of
10 pieces



HUMBY

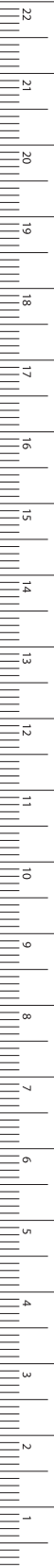
BA713R

Dermatom,
ohne Klengen
Skin graft knife,
without blades
365 mm, 13 3/4"

BA714R

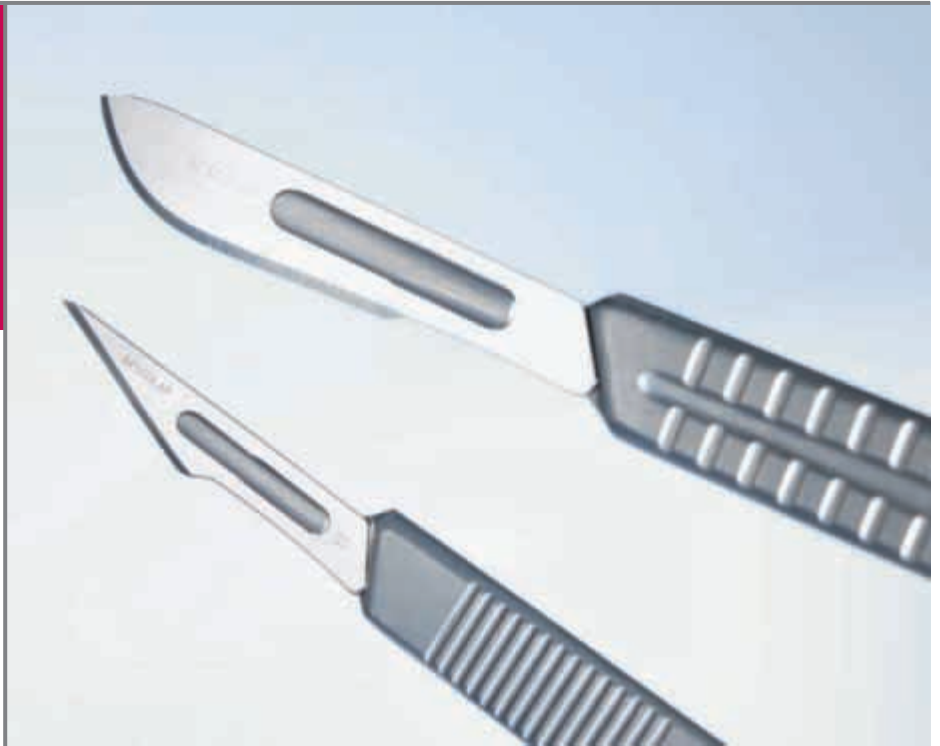
Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à
10 Stück
Spare blade, sterile
Sales unit:
PAK = Package of
10 pieces

BA





BB



Skalpellklingen und Griffe
Scalpel Blades and Handles

Skalpellsklingen und Griffe – Scalpel Blades and Handles

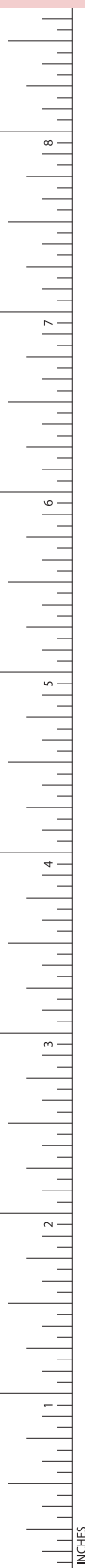
Skalpellsgriffe

Scalpel Handles



Für Klingen Fig. 10 - 15 und Fig. 40, 42
For blades fig.10 - 15 and fig. 40, 42

BB



BARRON

BB068R

130 mm, 5 1/8"

1/1



BB073R

No. 3

125 mm, 5"

1/1



BB074R

No. 3

125 mm, 5"

1/1



BB075R

No. 3 L

210 mm, 8 1/4"

1/1



Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe
Scalpel Handles



Für Klingen Fig. 10 - 15 und Fig. 40, 42
For blades fig.10 - 15 and fig. 40, 42

BB



BB175R
No. 3 XL
250 mm, 10"



BB176R



BB178R

BB176R-BB178R
No. 3 XL
für linke Hand
for left hand
250 mm, 10"



BB177R



entspricht der
englischen
No. 5
corresponds
with english
No. 5

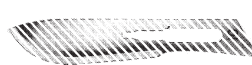
BB077R
No. 7
160 mm, 6 1/4"



Skalpellsklingen und Griffe – Scalpel Blades and Handles

Skalpellsgriffe

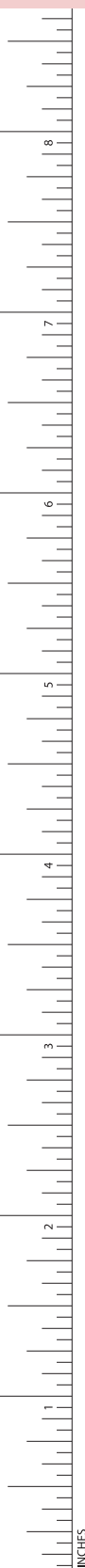
Scalpel Handles



Für Klingen Fig. 10 - 15 und Fig. 40, 42

For blades fig. 10 - 15 and fig. 40, 42

BB



BB078R

225 mm, 9"



BB079R

225 mm, 9"



BB071R

210 mm, 8 1/4"



BB070R

155 mm, 6"



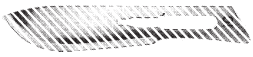
BB073R

No. 3
125 mm, 5"



Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe
Scalpel Handles



Für Klingen Fig. 18 – 36
For blades fig. 18 – 36

BB



BB084R

No. 4
135 mm, 5 1/4"



BB085R

No. 4 L
215 mm, 8 1/2"



BB087R

No. 4 XL
250 mm, 10"



BB080R

No. 4
225 mm, 9"



BB088R

No. 8
130 mm, 5 1/8"



BB089R

145 mm, 5 3/4"



Skalpellsklingen und Griffe – Scalpel Blades and Handles

Sterilklingen

Sterile Scalpel Blades



vakuum vergütet
heat-treated in vacuum

steril
sterile



BB



Carbon Steel
Stainless Steel

BB510
16600495



BB511
16600509



BB512
16600517



BB513
16615492



BB515
16600525



Carbon Steel

BB515-1



BB515-C

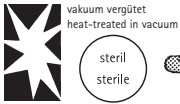


BB540
doppelschneidig
double cutting



BB542
doppelschneidig
double cutting

passend zu den Griffen auf Seite 38 - 40
Bestelleinheit:
PAK = Packung à 100 Stück
in Spenderpackung
fitting handles on page 38 - 40
Sales unit:
PAK = Package of 100 pieces
in dispenser package



Skalpellklingen und Griffe – Scalpel Blades and Handles

Sterilklingen, Fadenmesser

Sterile Scalpel Blades, Stitch-Cutter

								
Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
BB518	BB519	BB520	BB521	BB522	BB523	BB524	BB525	BB536
16600541	16615514	16600550	16600568	16600576	16600584	16600592	16616634	16615522
Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel

passend zu den Griffen auf Seite 41

Bestelleinheit:

PAK = Packung à 100 Stück

in Spenderpackung

fitting handles on page 41

Sales unit:

PAK = Package of 100 pieces

in dispenser package



Carbon Steel BB500
Stainless Steel 16600487

Fadenmesser

Stitch-cutter

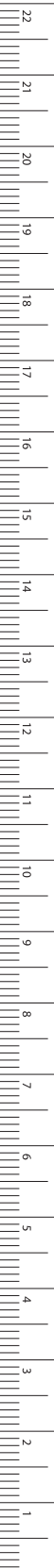
Bestelleinheit:

PAK = Packung à 100 Stück

Sales unit:

PAK = Package of 100 pieces

BB



MILLIMETERS

Skalpellsklingen und Griffe – Scalpel Blades and Handles

Skalpellsgriffe, rund, für mikrochirurgische Klingen

Scalpel Handles, Round, for Microsurgery Blades

BB



1/1

BB046R

135 mm, 5 1/2"



1/1

BB048R

155 mm, 6"



1/1

CASPAR

BB052R

180 mm, 7"



1/1

BB054R

200 mm, 8"



2/3

BB060R

330 mm, 12"



stainless
steel

steril
sterile

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe für mikrochirurgische Klingen – Mikrochirurgische Klingen

Scalpel Handles for Microsurgery Blades – Microsurgery Blades



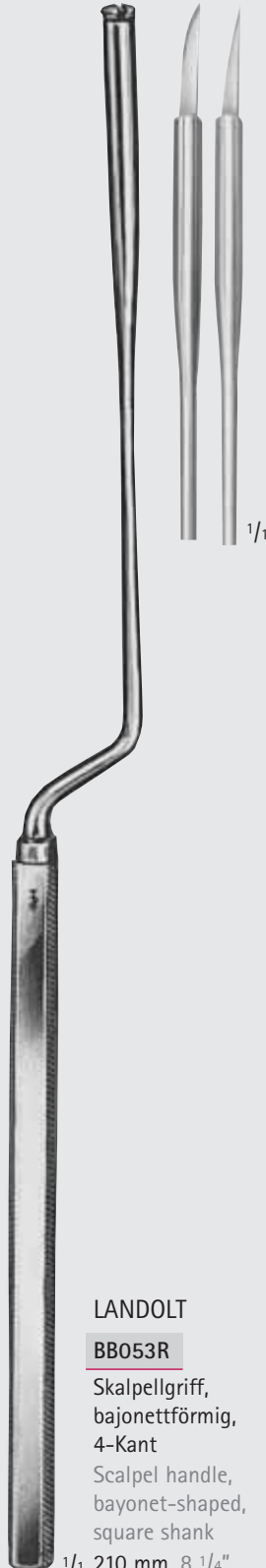
LANDOLT

BB057R

Skalpellgriff,
bajonettförmig,
rund

Scalpel handle,
bayonet-shaped,
round

250 mm, 10"



LANDOLT

BB053R

Skalpellgriff,
bajonettförmig,
4-Kant

Scalpel handle,
bayonet-shaped,
square shank

1/1 210 mm, 8 1/4"



1/1

BB361R

PAK = Packung
à 10 Stück

PAK = Package
of 10 pieces



1/1

BB362R

PAK = Packung
à 10 Stück

PAK = Package
of 10 pieces



1/1

BB363R

ST = Packung à
1 Stück

ST = Package
of 1 piece



1/1

BB364R

PAK = Packung
à 10 Stück

PAK = Package
of 10 pieces



1/1

BB365R

PAK = Packung
à 10 Stück

PAK = Package
of 10 pieces



1/1

BB366R

ST = Packung
à 1 Stück

ST = Package
of 1 piece

60°

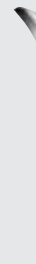


1/1

BB367R

PAK = Packung
à 10 Stück

PAK = Package
of 10 pieces



1/1

BB368R

PAK = Packung
à 10 Stück

PAK = Package
of 10 pieces



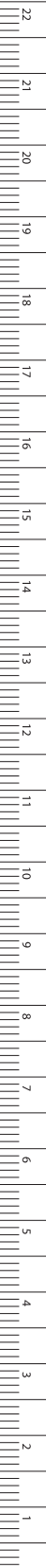
1/1

BB369R

ST = Packung
à 1 Stück

ST = Package
of 1 piece

BB



MILLIMETERS



INCHES



BC



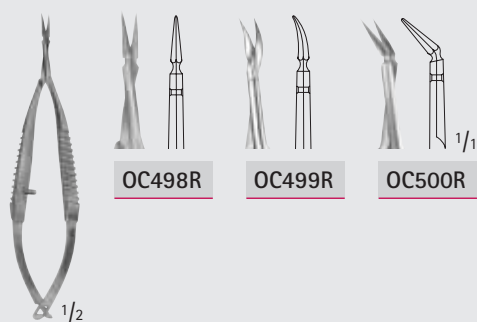
Scheren
Scissors

Scheren – Scissors

Mikro-Federscheren mit Flachgriff

Micro Scissors (Spring Type) with Flat Handles

BC



OC498R

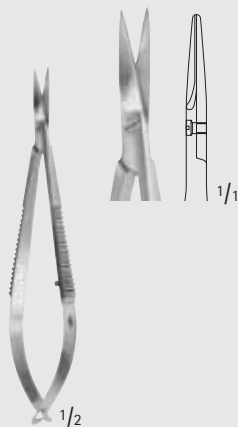
OC499R

OC500R

VANNAS

OC498R-OC500R

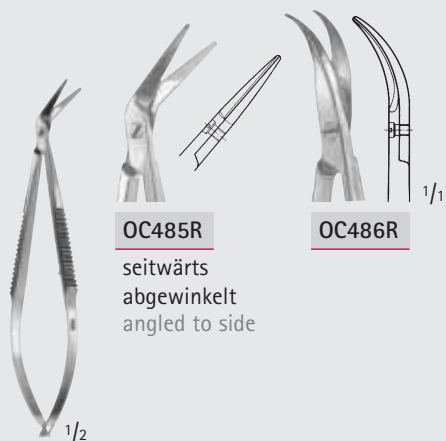
85 mm, 3 3/8"



MC CLURE

OC480R

95 mm, 3 3/4"



OC485R

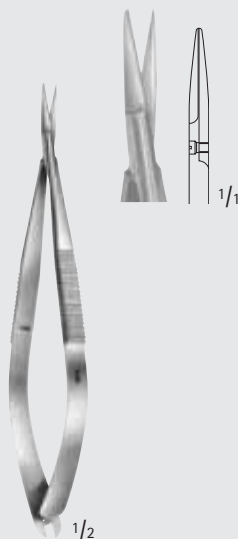
seitwärts
abgewinkelt
angled to side

OC486R

CASTROVIEJO

OC485R-OC486R

95 mm, 3 3/4"



NOYES

OC482R

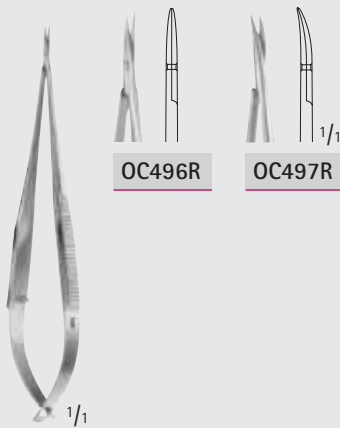
125 mm, 5"



Scheren – Scissors

Mikro-Federscheren mit Flachgriffen
Micro Scissors (Spring Type) with Flat Handles

BC

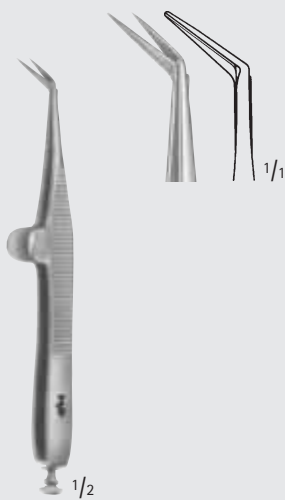


OC496R

OC497R

OC496R-OC497R

105 mm, 4 1/8"



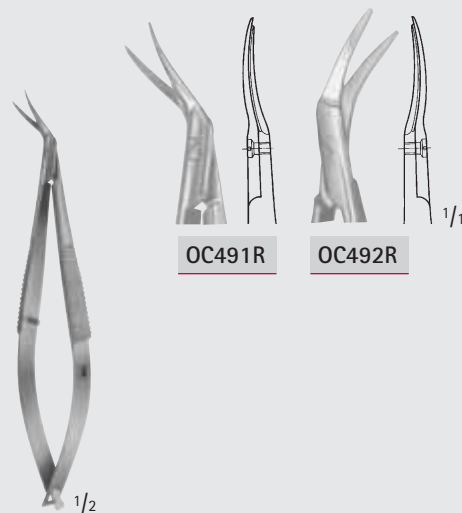
WECKER

OC461R

Augenschere

Eye scissors

110 mm, 4 1/2"



OC491R

OC492R

CASTROVIEJO

OC491R-OC492R

Augenscheren

Eye scissors

110 mm, 4 3/8"



MILLIMETERS

Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil

Micro Scissors (Spring Type) with Flat Handles and Cross-Serration

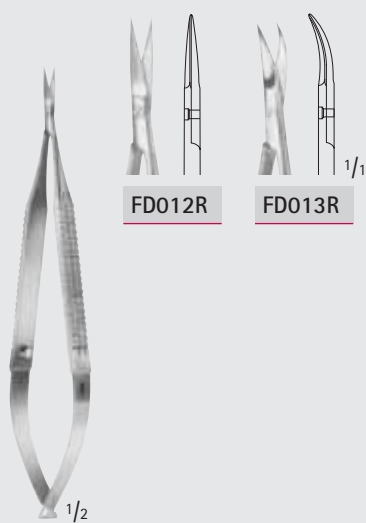


... mit Flachgriffen und Karoprofil

- breite Flachgriffe mit griffigem Karoprofil
- sichere Handhabung

... with flat handle and cross-serration

- flat handles, sure grip due to cross-serration

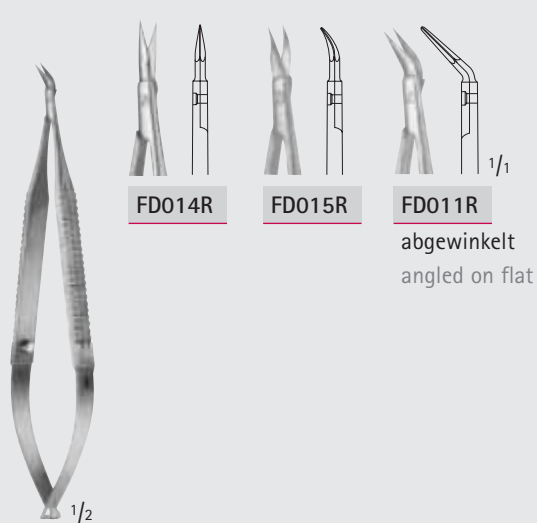


FD012R

FD013R

FD012R-FD013R

120 mm, 4 3/4"



FD014R

FD015R

FD011R

abgewinkelt
angled on flat

VANNAS

FD011R-FD015R

120 mm, 4 3/4"



Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil
Micro Scissors (Spring Type) with Flat Handles and Cross-Serration



Venenschere FD028R
zum Auffrischen von Gefäßstümpfen

- kein Abgleiten des Gefäßes
- glatte, saubere Durchtrennung

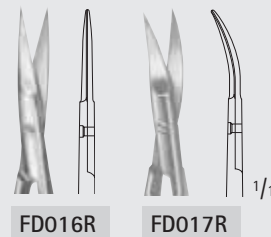
Vein scissors FD028R
for roughening vessel ends

- vessel cannot slip off
- clean, smooth cut



FD028R

Venenschere
Vein scissors



FD016R

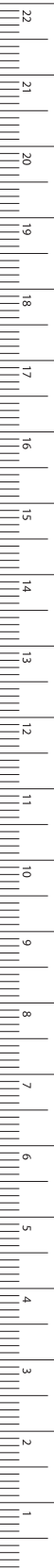
FD017R



FD016R-FD017R

160 mm, 6 1/4"

BC

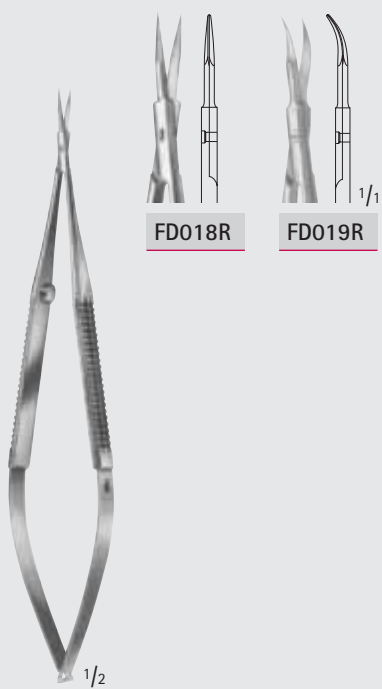


MILLIMETERS

Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil

Micro Scissors (Spring Type) with Flat Handles and Cross-Serration



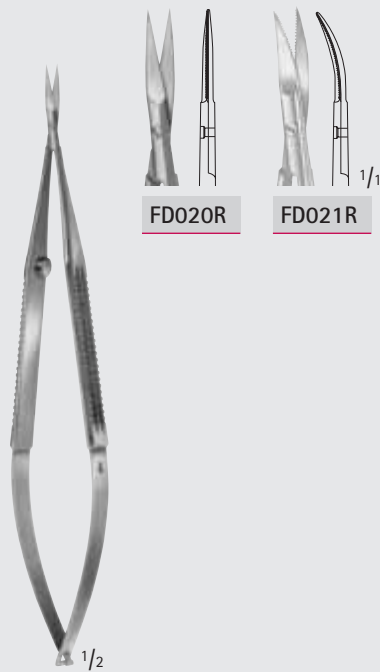
FD018R

FD019R

VANNAS

FD018R-FD019R

160 mm, 6 1/4"



FD020R

FD021R

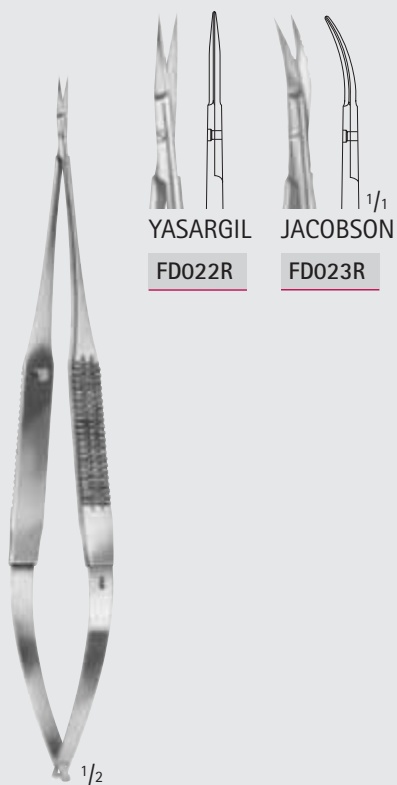
MILLESI

FD020R-FD021R

Schneiden gezahnt

Blades serrated

160 mm, 6 1/4"



YASARGIL

JACOBSON

FD022R

FD023R

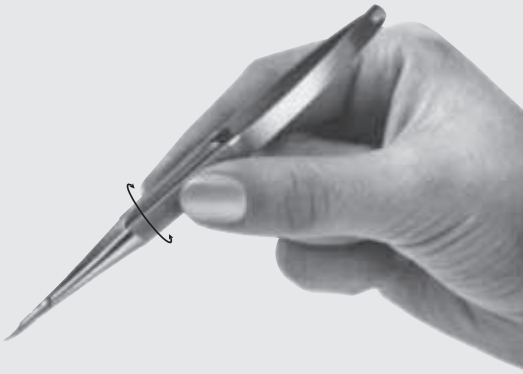
FD022R-FD023R

185 mm, 7 1/4"



Scheren – Scissors

Mikro-Federschere mit Rundgriffen
Micro Scissors (Spring Type) with Round Handles



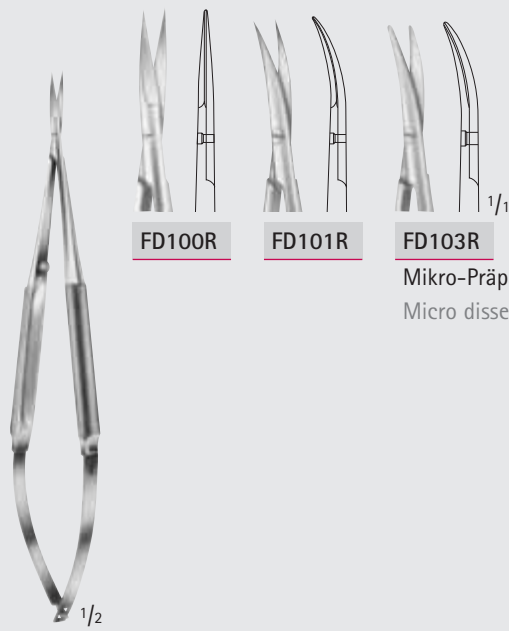
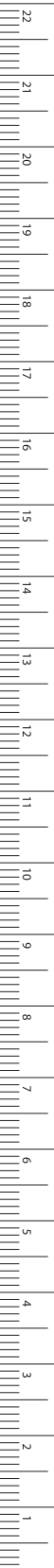
... mit Rundgriffen

- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles

- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

BC



FD100R

FD101R

FD103R

Mikro-Präparierschere
Micro dissecting scissors

FD100R-FD103R

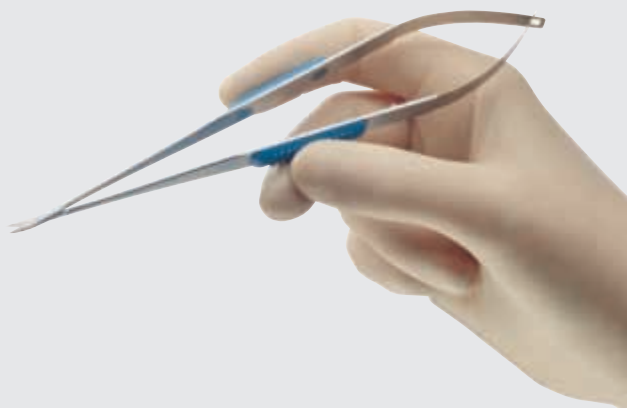
145 mm, 5 3/4"

MILLIMETERS

Scheren – Scissors

Mikro-Federscheren mit leichtem Kunststoffprofil

Micro Scissors (Spring Type) with Light Plastic Handle



Das MÜLLER Mikro-Instrumentarium

Ein hochwertiges Set für die periphere Mikrochirurgie. Zahlreiche praxisbewährte Details führen zu mehr Effektivität und Sicherheit.

■ Unverkrampfte Haltung = mehr Feingefühl

Das leichte Kunststoffprofil vergrößert die Griffoberfläche, gewährleistet dadurch eine unverkrampfte Handhaltung und verleiht mehr Feingefühl.

■ Leichteres Drehen = erweiterter Arbeitsbereich

Der runde Griffquerschnitt ermöglicht leichtes, gleichmäßiges Drehen des Instrumentes. Verwendungs- bzw. Arbeitsbereich wird dadurch erweitert.

■ Sicherer Halt

Das griffige Noppenprofil gewährleistet einen durchweg sicheren Halt bei sämtlichen Bewegungsabläufen.

■ Optimales Handling

Eine Entwicklung nach ergonomischen Gesichtspunkten, verbunden mit dem geringen Gewicht der neuen Kunststoffgriffe schaffen die Voraussetzung zu ermüdungsfreiem Arbeiten und optimalem Handling.

The MÜLLER Micro instrument system

A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

■ Natural holding position = increased sensitivity

The light plastic profile increases the grip surface, thus guaranteeing a natural hand position without cramping and providing enhanced sensitivity.

■ Easier rotation = extended working area

The round grip cross section permits easy and uniform rotation of the instrument. This extends the application and working areas.

■ Safe grip

The easy grip studded profile guarantees a secure hold for all movements.

■ Optimum handling

Development in accordance with ergonomic criteria and the low weight of the new plastic grips provide fatiguefree working and optimum handling.



Scheren – Scissors

Mikro-Federscheren mit leichtem Kunststoffprofil
Micro Scissors (Spring Type) with Light Plastic Handle

BC



MÜLLER

FM010R-FM014R

120 mm, 4 ³/₄"



FM010R
spitz/spitz
sharp/sharp



FM011R
spitz/spitz
sharp/sharp



FM012R
spitz/stumpf
sharp/blunt



FM013R
stumpf/stumpf
blunt/blunt



FM014R
Kugel/spitz
probe pointed/sharp



MÜLLER

FM040R-FM041R

170 mm, 6 ³/₄"



FM040R
spitz/spitz
sharp/sharp



FM041R
spitz/spitz
sharp/sharp

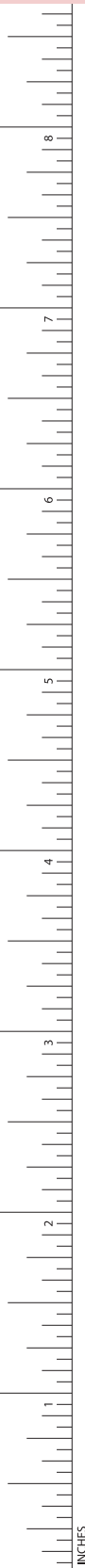


Scheren – Scissors

Mikro-Federschere mit Flachgriff

Micro Scissors with Flat Handle

BC



1/1

165 mm, 6 1/2"



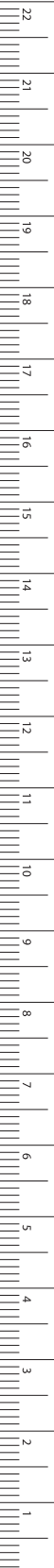
Scheren – Scissors

Mikro-Federschere mit Flachgriff

Micro Scissors with Flat Handle

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	 FM470R	 FM471R	 FM472R	 FM473R	 FM474R		
Feines Blatt, 1 Blatt mit Knopf Fine blade, with 1 probe pointed blade	 FM451R	 FM452R	 FM453R	 FM454R	 FM455R		
Sehr feines Blatt Delicate blade	 FM437R	 FM438R	 FM439R	 FM440R	 FM441R	 FM442R	 FM436R
Extrem feines Blatt Ultra delicate blade	 FM431R	 FM432R	 FM433R	 FM434R	 FM435R	 FM444R	 FM430R

BC



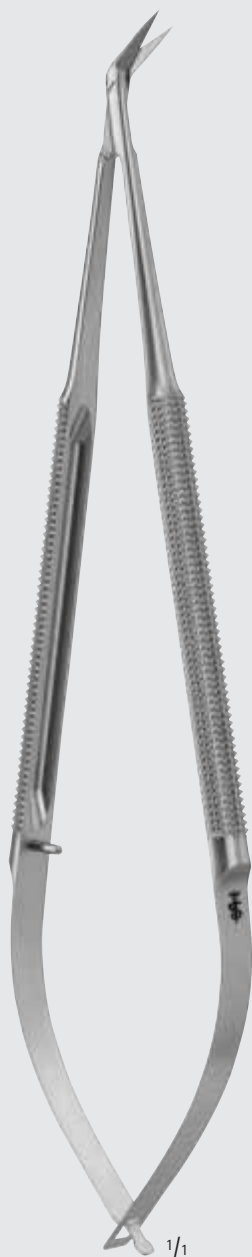
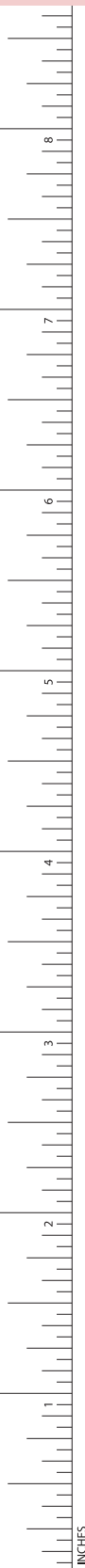
MILLIMETERS

Scheren – Scissors

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handle

BC



165 mm, 6 1/2" 1/1

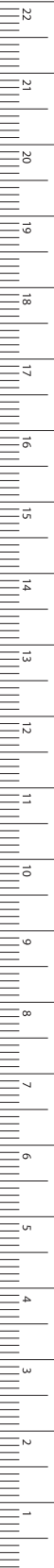


Scheren – Scissors

Mikro-Federscheren mit Rundgriff
Micro Scissors with Round Handle

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	 FM476R	 FM477R	 FM478R	 FM479R	 FM480R		
Sehr feines Blatt Delicate blade	 FM482R	 FM483R	 FM484R	 FM485R	 FM486R	 FM488R	 FM481R
Sehr feines Blatt, 1 Blatt mit Knopf Delicate blade, with 1 probe pointed blade	 FM489R	 FM490R	 FM491R	 FM492R	 FM493R		
Extrem feines Blatt Ultra delicate blade	 FM504R	 FM505R	 FM506R	 FM507R	 FM508R		 FM503R

BC



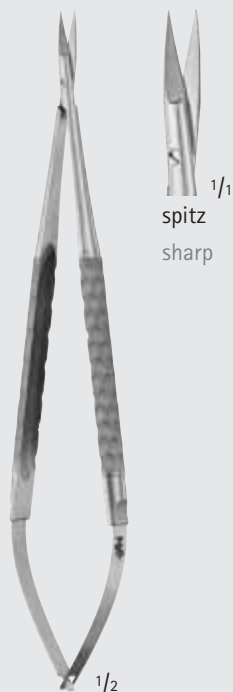
MILLIMETERS

Scheren – Scissors

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handles

BC



$\frac{1}{1}$
spitz
sharp

FM042R

Mikro-Schere
Micro scissors
180 mm, 7"



$\frac{1}{1}$
spitz
sharp

FD251R

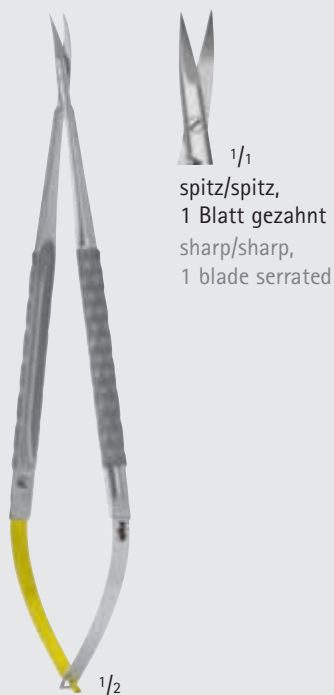
Mikro-Schere
Micro scissors
180 mm, 7"



$\frac{1}{1}$
1 Blatt mit Knopf
1 blade probe pointed

FM043R

Mikro-Schere
Micro scissors
180 mm, 7"



$\frac{1}{1}$
spitz/spitz,
1 Blatt gezahnt
sharp/sharp,
1 blade serrated

FD252R

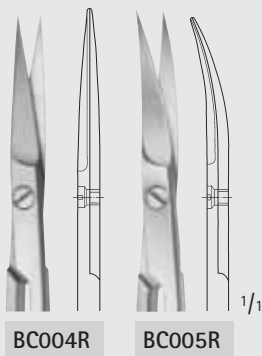
Mikro-Fadenschere
für Nahtmaterial von 6/0 und kleiner - 8/0 und kleiner
Micro ligature scissors
for suture material 6/0 and smaller - 8/0 and smaller
180 mm, 7"



Scheren – Scissors

Feine Scheren – große Ringform
Delicate Scissors – Large Ring Design

BC

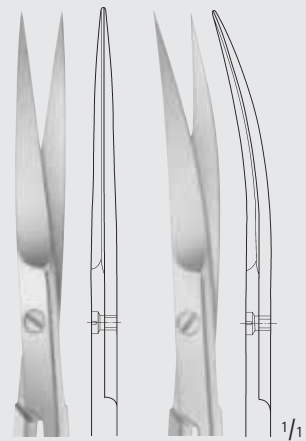


BC004R

BC005R

BC004R-BC005R

115 mm, 4 1/2"



BC006R

BC007R

JOSEPH

BC006R-BC007R

150 mm, 6"



MILLIMETERS

Scheren – Scissors

Feine Scheren – große Ringform

Delicate Scissors – Large Ring Design



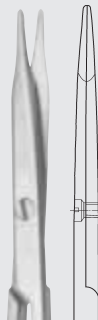
BC008R

spitz
sharp



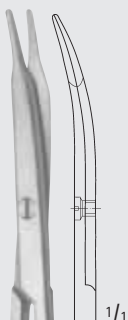
BC009R

spitz
sharp



BC010R

stumpf
blunt



BC011R

stumpf
blunt

STEVENS

BC008R-BC011R

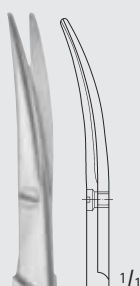
Präparierscheren

Dissecting scissors

115 mm, 4 1/2"



BC020R



BC021R

BC020R-BC021R

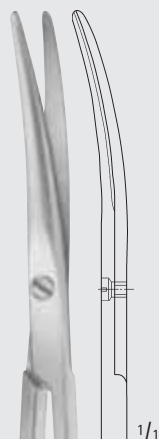
Präparier- und Strabismusscheren

Dissecting- and strabismus scissors

115 mm, 4 1/2"



BC022R



BC023R

METZENBAUM

BC022R-BC023R

Präparierscheren

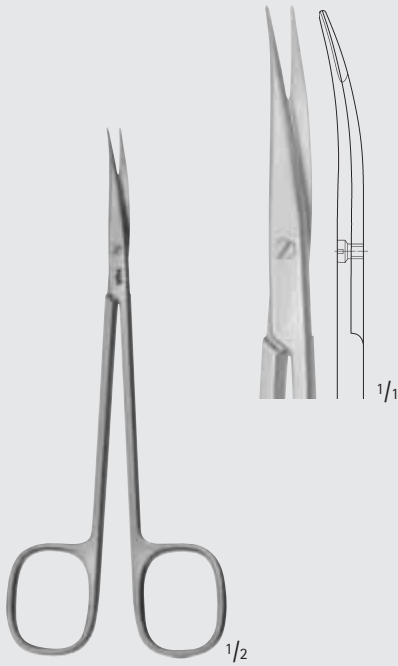
Dissecting scissors

145 mm, 5 3/4"



Scheren – Scissors

Feine Scheren – große Ringform
Delicate Scissors – Large Ring Design



REYNOLDS-JAMESON

BC015R

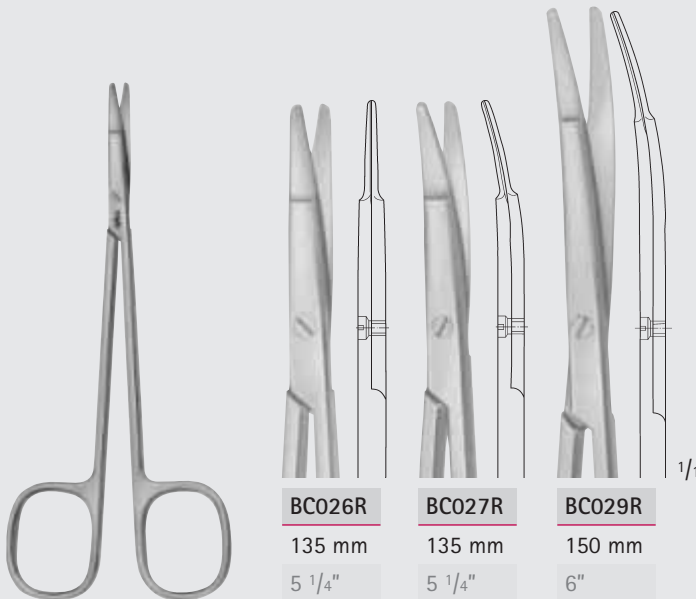
Gefäß-Schere
Vascular scissors
140 mm, 5 1/2"



Außenkanten der Blätter halbscharf
blades outside semi-sharp

BC017R

Nerv-Präparierschere
Nerve dissecting scissors
140 mm, 5 1/2"



BC026R

135 mm

5 1/4"

BC027R

135 mm

5 1/4"

BC029R

150 mm

6"

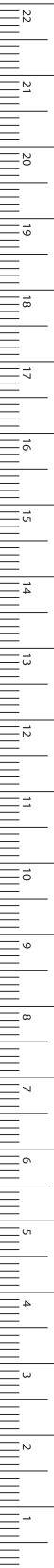
RAGNELL

BC026R-BC029R

Besonders flache Spitzen zum Präparieren
und Unterminieren der Haut

Special flat points for dissecting and
undermining the skin

BC



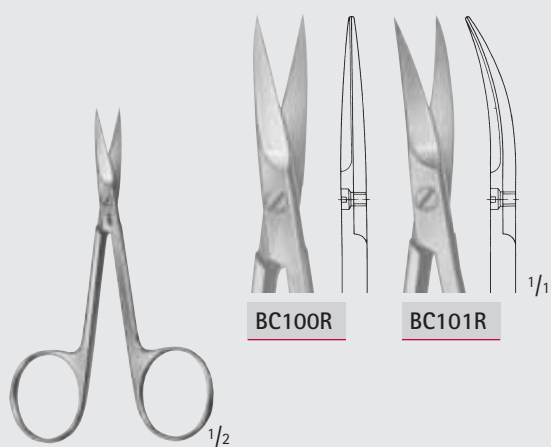
MILLIMETERS

Scheren – Scissors

Feine Scheren

Delicate Scissors

BC



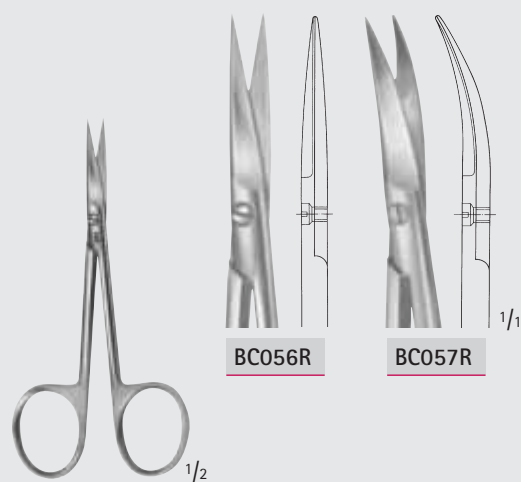
BC100R

BC101R

1/1

BC100R-BC101R

90 mm, 3 1/2"



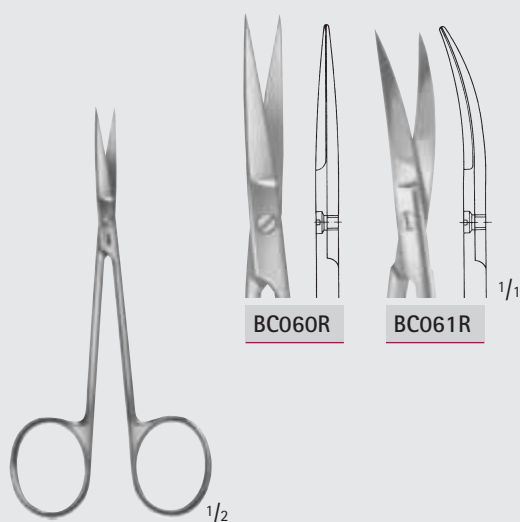
BC056R

BC057R

1/1

BC056R-BC057R

90 mm, 3 3/4"



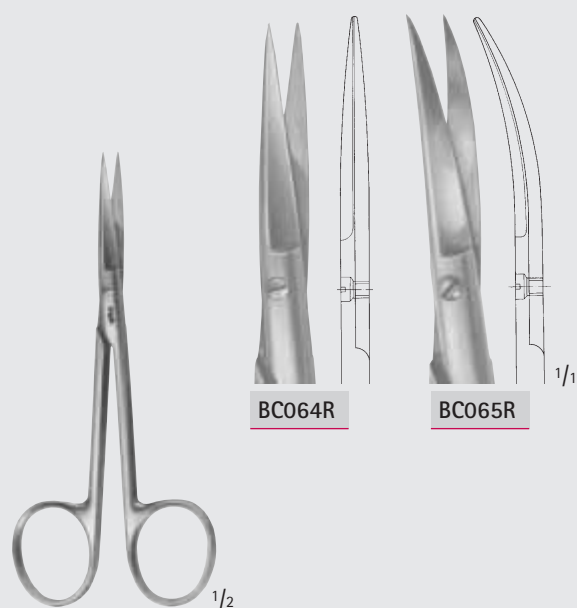
BC060R

BC061R

1/1

BC060R-BC061R

105 mm, 4 1/8"



BC064R

BC065R

1/1

BC064R-BC065R

120 mm, 4 3/4"

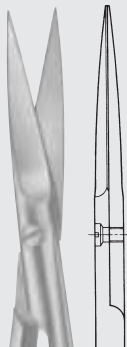


Scheren – Scissors

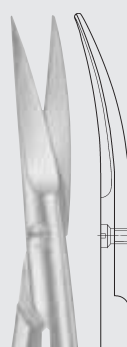
Feine Scheren

Delicate Scissors

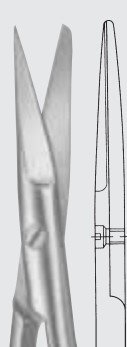
BC



BC110R



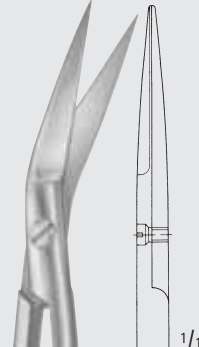
BC111R



BC112R



BC113R

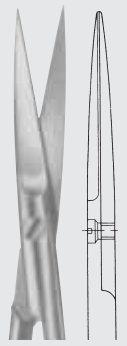


BC117R

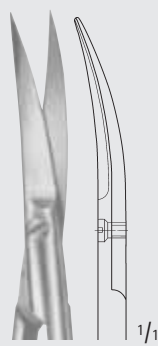
seitwärts gebogen
curved to side

BC110R-BC117R

110 mm, 4 $\frac{3}{8}$ "



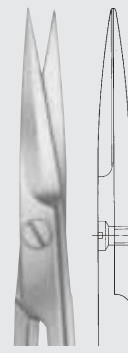
BC106R



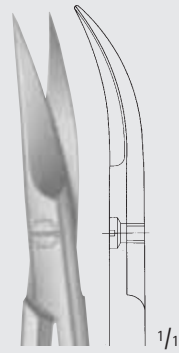
BC107R

BC106R-BC107R

115 mm, 4 $\frac{1}{2}$ "



DO210R



DO211R

DO210R-DO211R

120 mm, 4 $\frac{3}{4}$ "



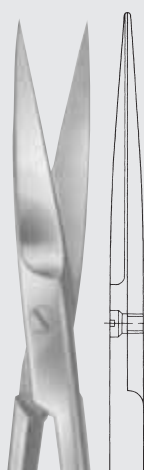
MILLIMETERS

Scheren – Scissors

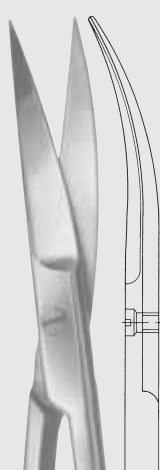
Feine Scheren

Delicate Scissors

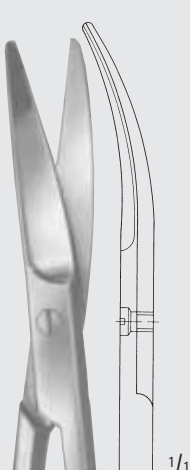
BC



BC130R



BC131R

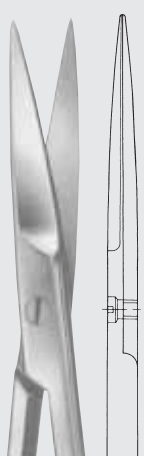


BC135R

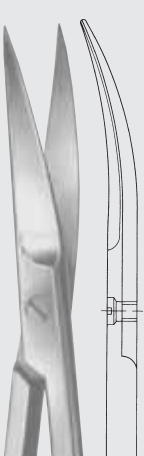
1/1

BC130R-BC135R

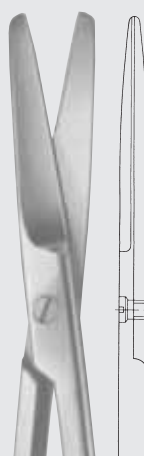
120 mm, 4 ³/₄"



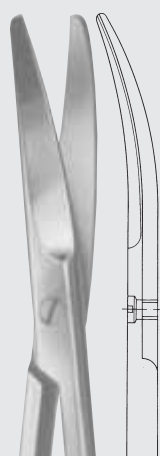
BC140R



BC141R



BC144R



BC145R

1/1

BC140R-BC145R

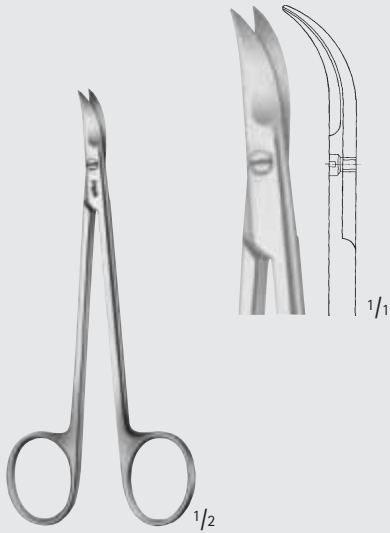
130 mm, 5 ¹/₈"



Scheren – Scissors

Feine Scheren
Delicate Scissors

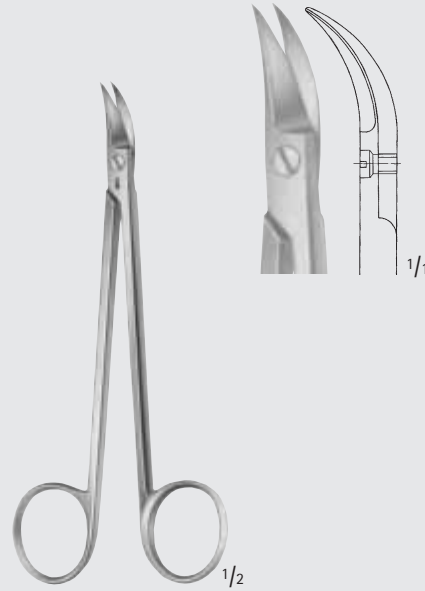
BC



CHADWICK

BC153R

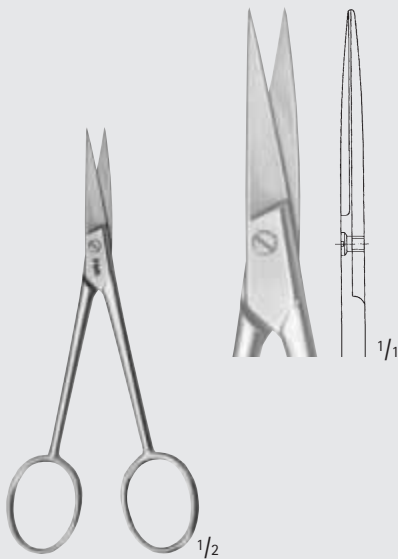
115 mm, 4 1/2"



QUINBY

D0218R

130 mm, 5 1/8"



BC050R

110 mm, 4 3/8"

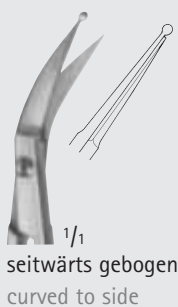


MILLIMETERS

Scheren – Scissors

Feine Scheren

Delicate Scissors



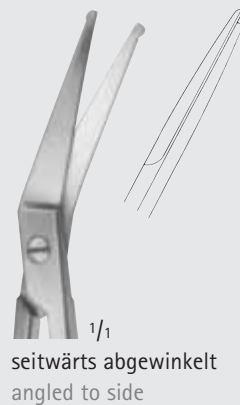
PERWITZSCHKY

OM489R

Speichelgangschere

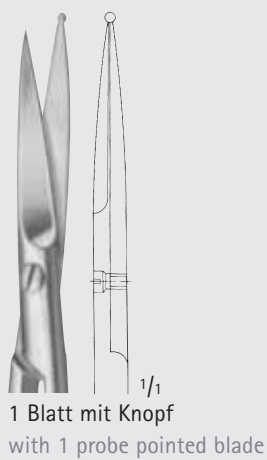
Salival scissors

100 mm, 4 1/2"



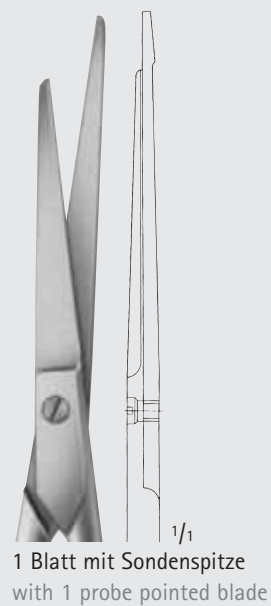
BC033R

115 mm, 4 1/2"



BC030R

120 mm, 4 3/4"



BC034R

145 mm, 5 3/4"

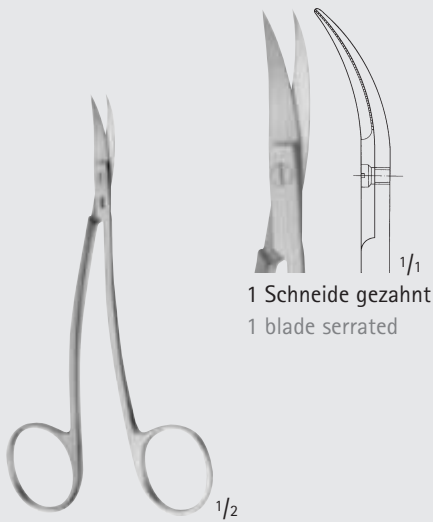


Scheren – Scissors

Feine Scheren

Delicate Scissors

BC



1 Schneide gezahnt
1 blade serrated

LA GRANGE

BC154R

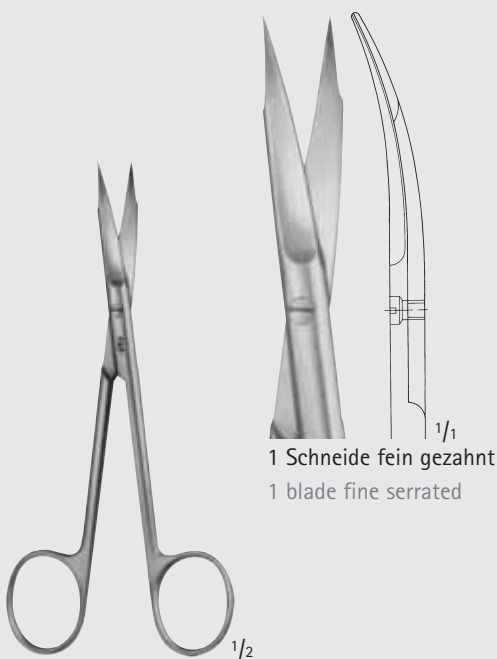
110 mm, 4 $\frac{3}{8}$ "



abgewinkelt,
1 Schneide gezahnt
angled on flat,
1 blade serrated

D0252R

125 mm, 5"



1 Schneide fein gezahnt
1 blade fine serrated

D0251R

130 mm, 5 $\frac{1}{8}$ "



seitwärts abgewinkelt,
1 Schneide gezahnt
angled to side,
1 blade serrated

LOCKLIN

D0219R

155 mm, 6"



MILLIMETERS

Scheren – Scissors

Feine Scheren

Delicate Scissors

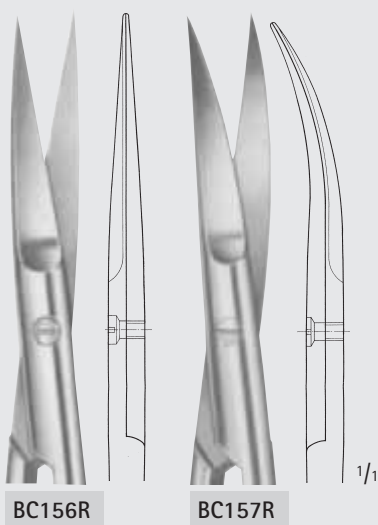
BC



JOSEPH

BC156R-BC157R

150 mm, 6"



BC156R

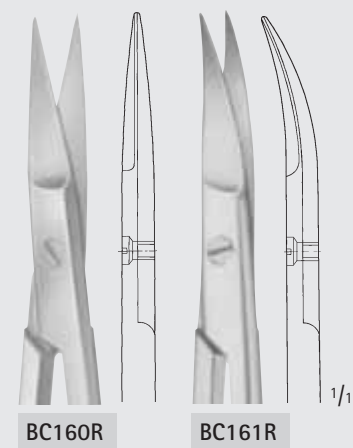
BC157R



KELLY

BC160R-BC161R

175 mm, 7"



BC160R

BC161R

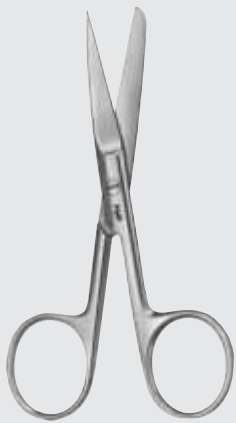


Scheren – Scissors

Chirurgische Scheren

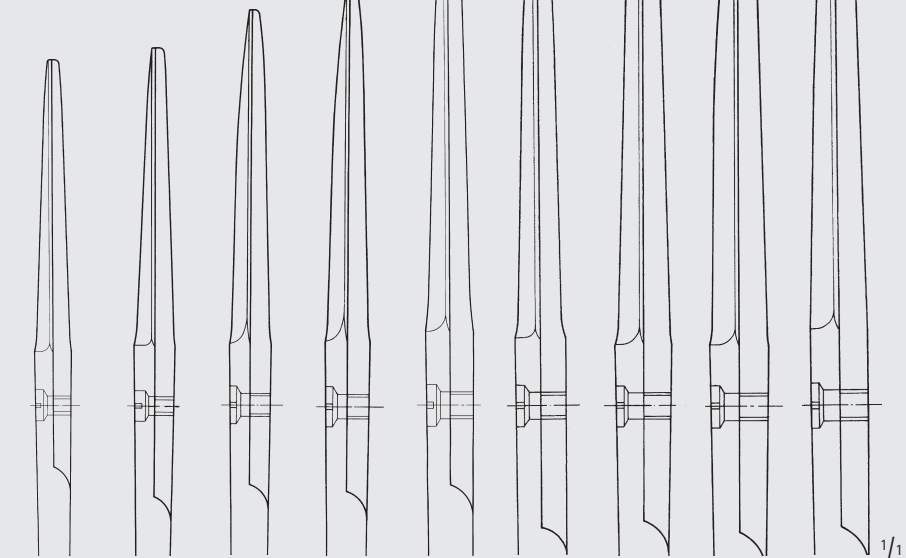
Surgical Scissors

BC



BC320R-BC330R

Standard-Modelle
Standard patterns

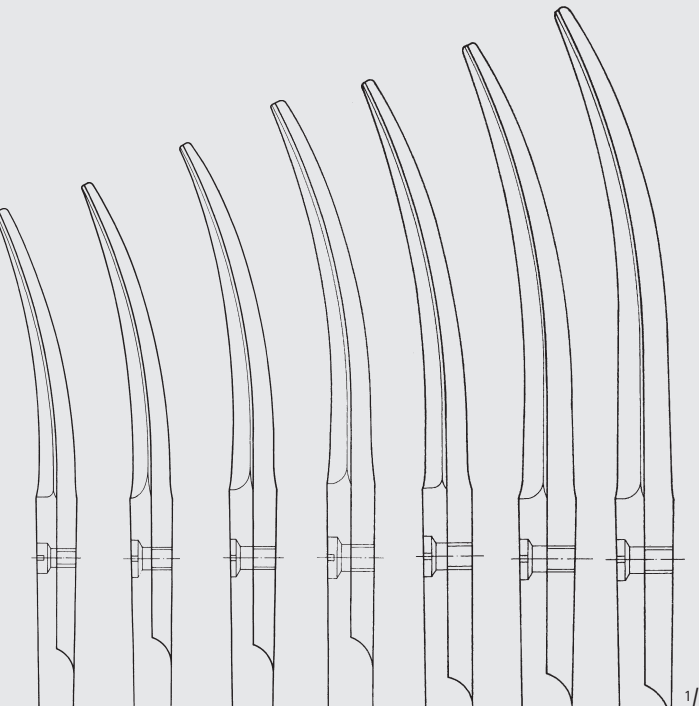


BC320R	BC321R	BC323R	BC324R	BC325R	BC326R	BC327R	BC328R	BC330R
105 mm	115 mm	130 mm	145 mm	150 mm	165 mm	175 mm	185 mm	200 mm
4 1/8"	4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"	7"	7 1/4"	8"



BC421R-BC428R

Standard-Modelle
Standard patterns



BC421R	BC423R	BC424R	BC425R	BC426R	BC427R	BC428R
115 mm	130 mm	145 mm	150 mm	165 mm	175 mm	185 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"	7"	7 1/4"



MILLIMETERS

Scheren – Scissors

Chirurgische Scheren

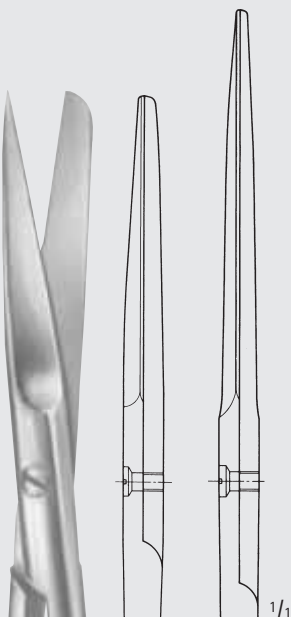
Surgical Scissors

BC



BC303R-BC304R

schlanke Modelle
slender patterns

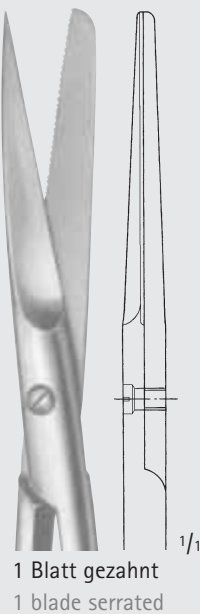


BC303R	BC304R
130 mm	145 mm
5 1/8"	5 3/4"



BC496R

Wundrandschere
Scissors for wound edges
130 mm, 5 1/8"

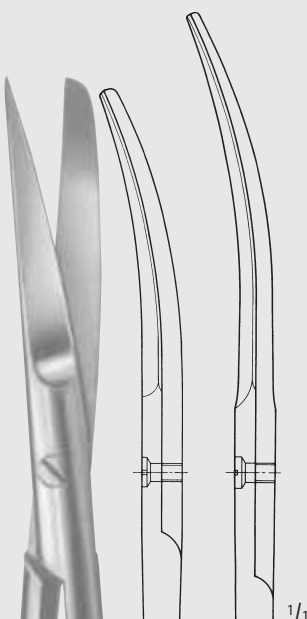


1 Blatt gezahnt
1 blade serrated



BC403R-BC404R

schlanke Modelle
slender patterns



BC403R	BC404R
130 mm	145 mm
5 1/8"	5 3/4"



BC497R

Wundrandschere
Scissors for wound edges
130 mm, 5 1/8"



1 Blatt gezahnt
1 blade serrated



Scheren – Scissors

Chirurgische Scheren

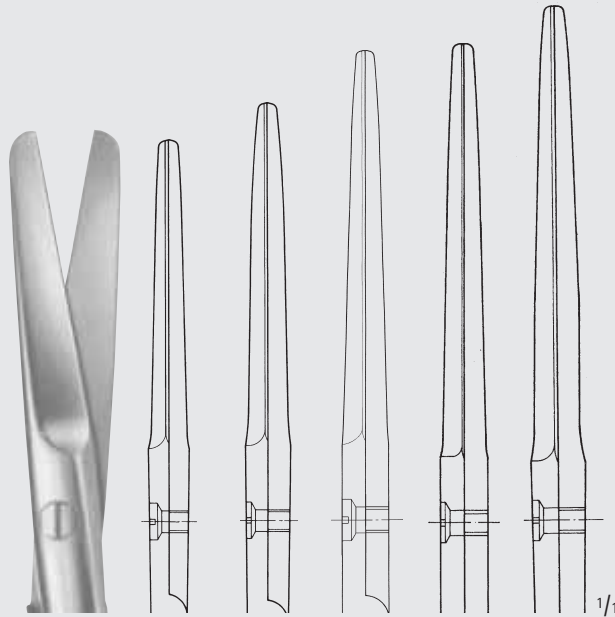
Surgical Scissors

BC



BC313R-BC317R

Standard-Modelle
Standard patterns



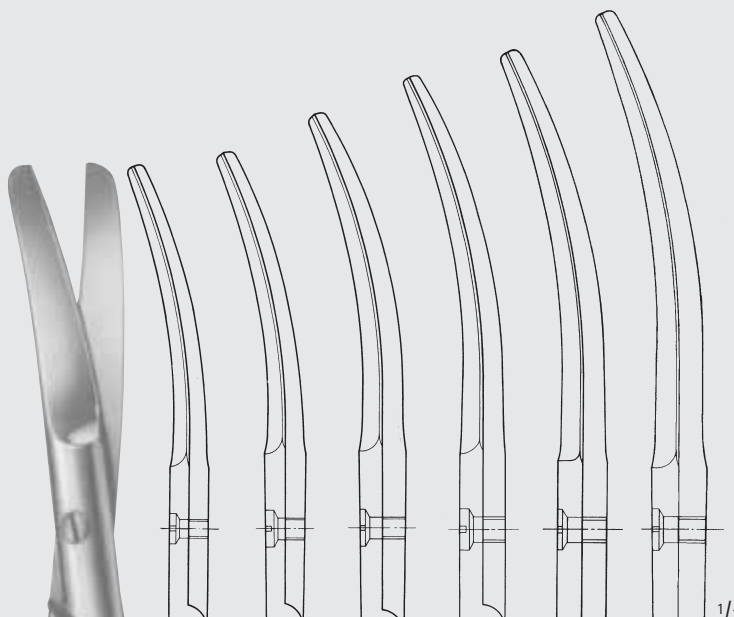
BC313R	BC314R	BC315R	BC316R	BC317R
130 mm	145 mm	150 mm	165 mm	175 mm
5 1/8"	5 3/4"	6"	6 1/2"	7"



COOPER

BC411R-BC417R

Standard-Modelle
Standard patterns



BC411R	BC413R	BC414R	BC415R	BC416R	BC417R
115 mm	130 mm	145 mm	150 mm	165 mm	175 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"	7"



Scheren – Scissors
 Chirurgische Scheren
 Surgical Scissors

BC

BC341R	BC343R	BC344R	BC345R	BC346R
115 mm	130 mm	145 mm	150 mm	165 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"

BC341R-BC346R
 Standard-Modelle
 Standard patterns

BC441R	BC443R	BC444R	BC445R
115 mm	130 mm	145 mm	150 mm
4 1/2"	5 1/8"	5 3/4"	6"

BC441R-BC445R
 Standard-Modelle
 Standard patterns

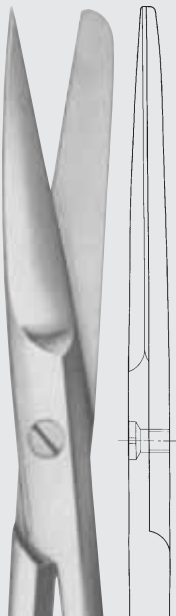


Scheren – Scissors

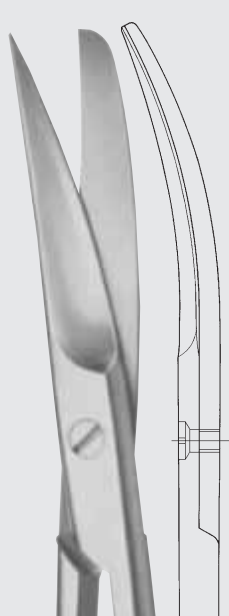
Chirurgische Scheren

Surgical Scissors

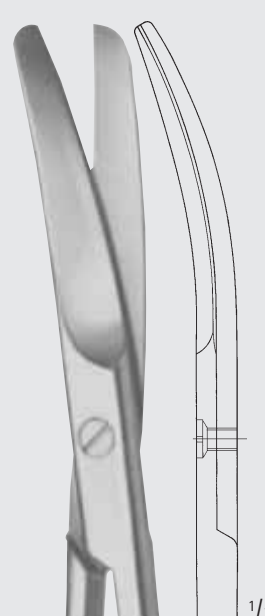
BC



BC374R



BC474R



BC464R

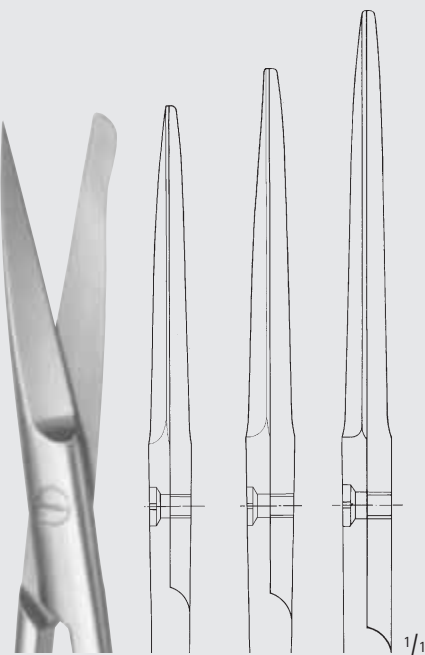
DEAVER

BC374R-BC474R

Chirurgische Scheren mit Flachschluss

Surgical scissors with flat lock

145 mm, 5 ³/₄"

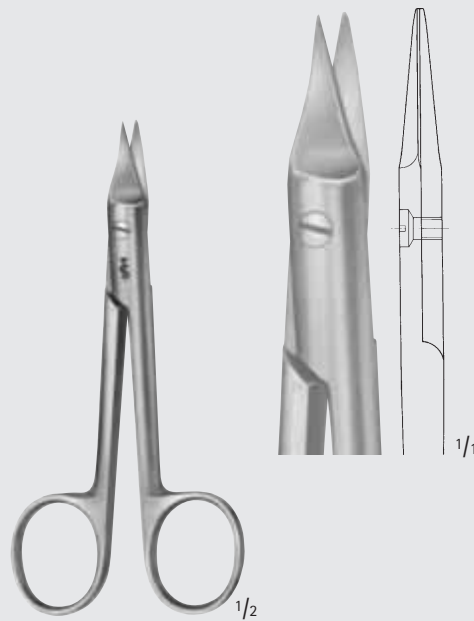


BC503R	BC504R	BC506R
130 mm	145 mm	165 mm
5 ¹ / ₈ "	5 ³ / ₄ "	6 ¹ / ₂ "

BC503R-BC506R

Inzisions-Scheren

Incision scissors



SYSTRUNK

BC521R

Nagelspaltschere

Nail splitting scissors

130 mm, 5 ¹/₈"

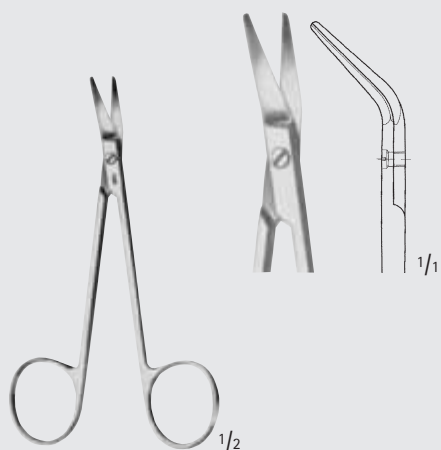


MILLIMETERS

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns



GRAEFE

OC415R

Präparierschere

Dissecting scissors

100 mm, 4"



BC164R

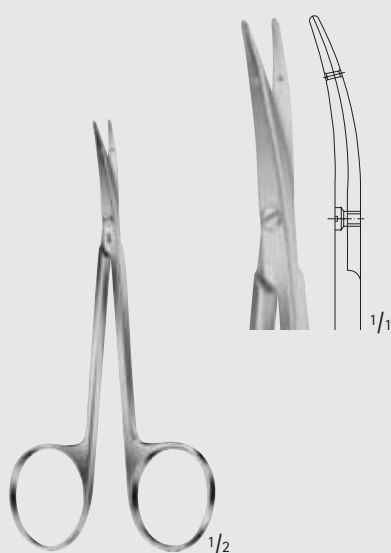
BC165R

BC164R-BC165R

Präparierscheren

Dissecting Scissors

115 mm, 4 1/2"



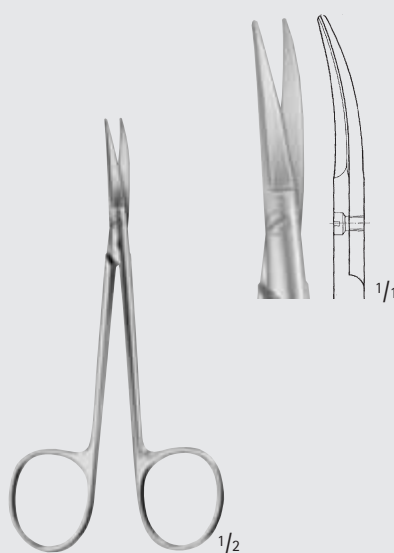
LITTLER

BC163R

Präparierschere
mit Fadenbohrung in der Spitze

Dissecting scissors,
tips with eye for suture

115 mm, 4 1/2"



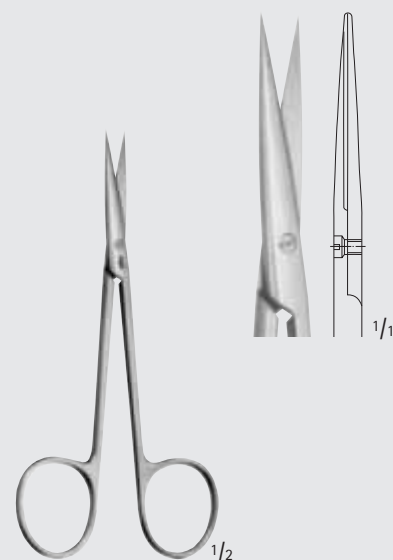
COTTLE

OK374R

Bulldog-Schere

Bulldog scissors

115 mm, 4 1/2"



KILNER

BC162R

feine Präparierschere

delicate dissecting scissors

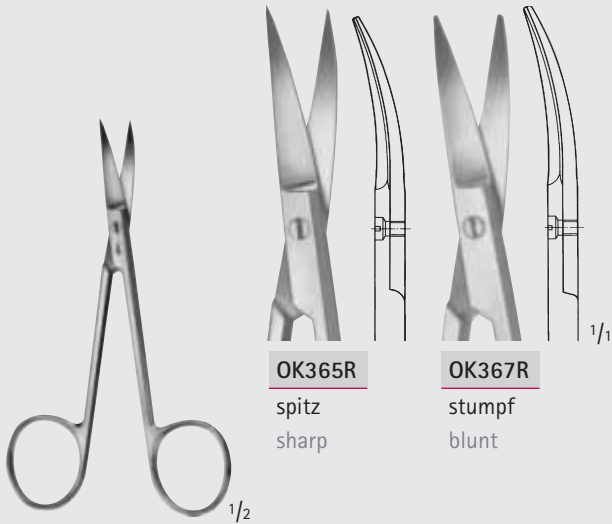
115 mm, 4 1/2"



Scheren – Scissors

Präparierscheren, feine Modelle
Dissecting Scissors, Delicate Patterns

BC



OK365R

spitz
sharp

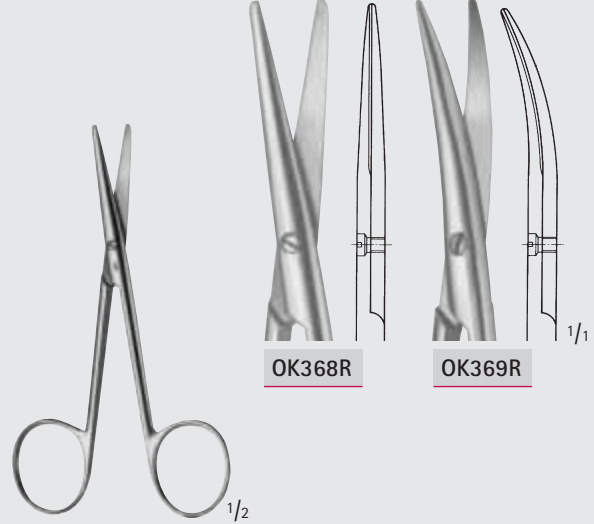
OK367R

stumpf
blunt

COTTLE-MASING

OK365R-OK367R

Scheren für die plastische Chirurgie
Scissors for plastic surgery
105 mm, 4 1/8"



OK368R

OK369R

COTTLE-KNAPP

OK368R-OK369R

Scheren für die plastische Chirurgie
Scissors for plastic surgery
105 mm, 4 1/8"



OK372R

135 mm
5 1/4"

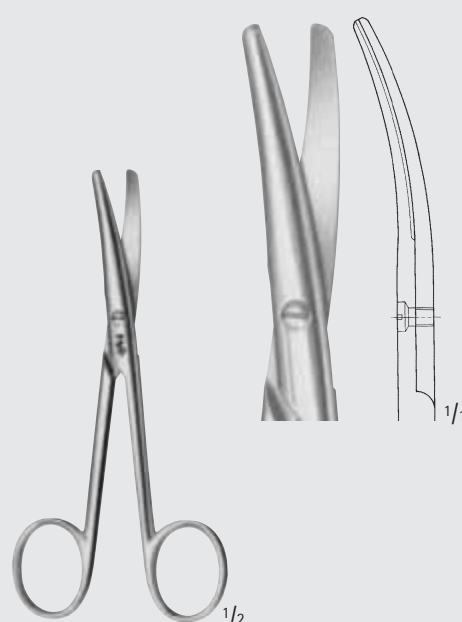
OK373R

115 mm
4 1/2"

FOMON

OK372R-OK373R

Nasenflügelscheren
Lower lateral scissors



LANDOLT

OC430R

Enukleationsschere
Enucleation scissors
120 mm, 4 3/4"

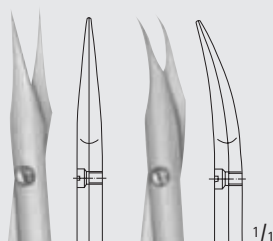


MILLIMETERS

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns



BC186R

BC187R

STEVENS

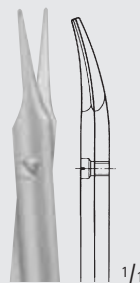
BC186R-BC187R

Gefäß- und Sehnenscheren

Vascular- and tendon scissors

100 mm, 4"

»grazil«



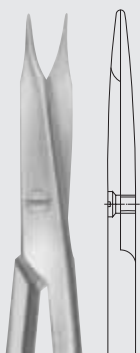
STEVENS

OK366R

feine Präparierschere

delicate dissecting scissors

110 mm, 4 3/8"



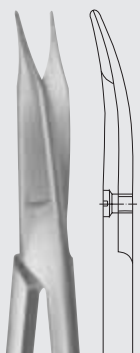
BC170R

110 mm

4 3/8"

spitz

sharp



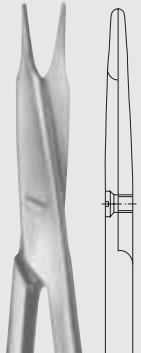
BC171R

110 mm

4 3/8"

spitz

sharp



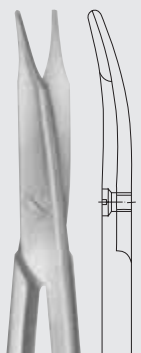
BC172R

110 mm

4 3/8"

stumpf

blunt



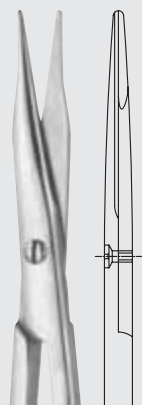
BC173R

110 mm

4 3/8"

stumpf

blunt



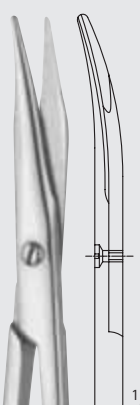
BC194R

125 mm

5"

stumpf

blunt



BC195R

125 mm

5"

stumpf

blunt

STEVENS

BC170R-BC195R

Gefäß- und Sehnenscheren

Vascular- and tendon scissors

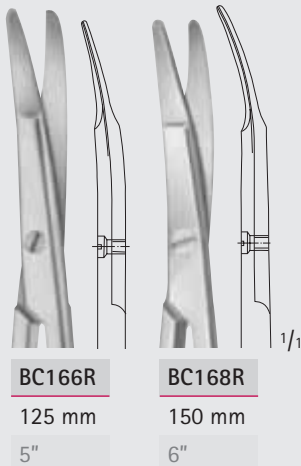
BC



Scheren – Scissors

Präparierscheren, feine Modelle
Dissecting Scissors, Delicate Patterns

BC



BC166R

125 mm

5"

BC168R

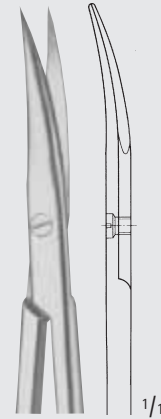
150 mm

6"

KILNER

BC166R-BC168R

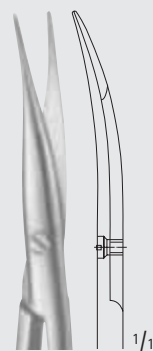
besonders flache Spitzen zum Präparieren
und Unterminieren der Haut
special flat points for dissecting and
undermining the skin



Außenkanten der Blätter
halbscharf
blades outside
semi-sharp

BC628R

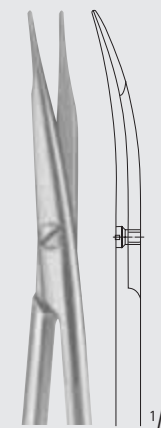
Nerv-Präparierschere
Nerve dissecting scissors
150 mm, 6"



JAMESON-WERBER

BC175R

Präparierschere
Dissecting scissors
130 mm, 5 1/8"



JAMESON

BC177R

Präparierschere
Dissecting scissors
150 mm, 6"



MILLIMETERS

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns

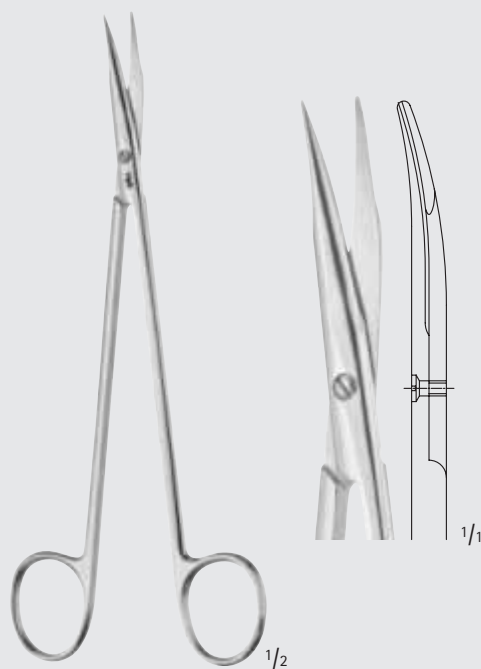


REYNOLDS

BC180R-BC181R

Präparierscheren

Dissecting scissors



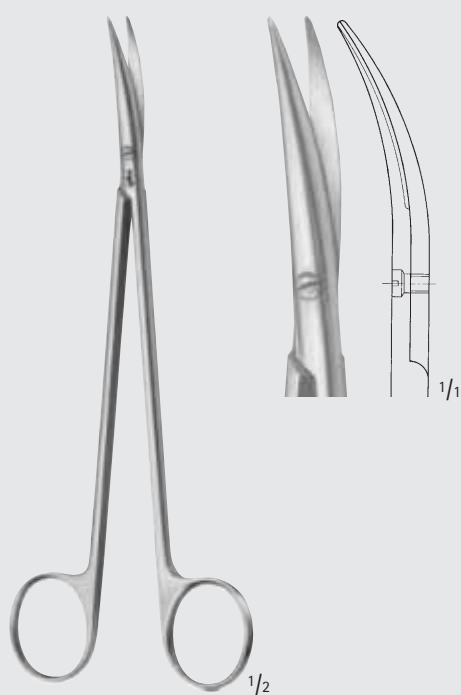
POTTS

BC178R

Präparierschere

Dissecting scissors

180 mm, 7"



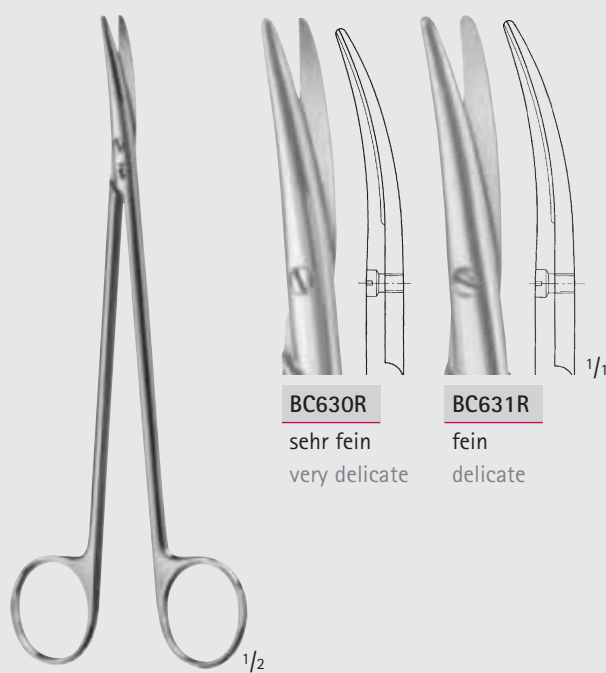
DE BAKKEY

BC629R

Arteriotomie-Schere

Arteriotomy scissors

175 mm, 7"



TÖNNIS-ADSON

BC630R-BC631R

Präparierscheren

Dissecting scissors

175 mm, 7"

BC630R

sehr fein
very delicate

BC631R

fein
delicate



Scheren – Scissors

Präparierscheren, feine Modelle
Dissecting Scissors, Delicate Patterns

BC

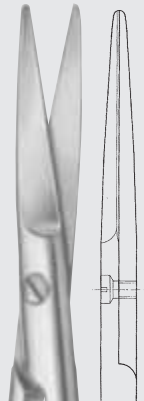


1/2



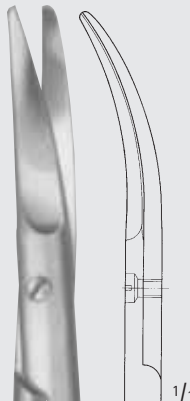
BC633R

sehr fein
very delicate



BC634R

fein
delicate



BC635R

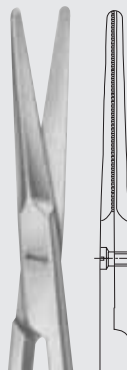
fein
delicate

1/1

TÖNNIS

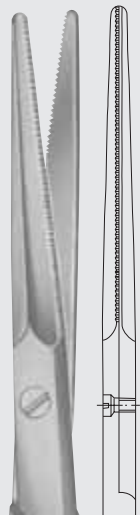
BC633R-BC635R

Präparierscheren
Dissecting scissors
180 mm, 7"



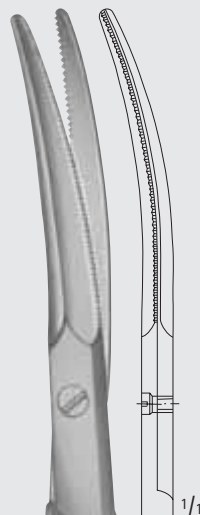
BC184R

125 mm
5"



BC188R

195 mm
7 3/4"



BC189R

195 mm
7 3/4"

1/1

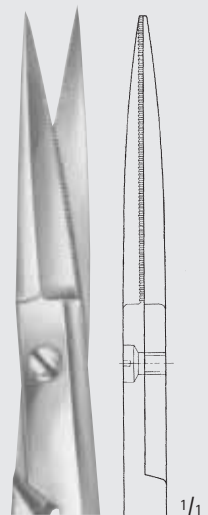
GORNEY

BC184R-BC189R

Präparierscheren für plastische Chirurgie
Schneiden: außen halbscharf
innen fein gezahnt
Dissection scissors for plastic surgery
Blades: outside semi-sharp
inside fine serrated



1/2



1/1

BC672R

Knorpelschere,
Blätter außen und innen schneidend
Cartilage scissors,
blades cutting on both sides
185 mm, 7 1/4"

MILLIMETERS

Scheren – Scissors

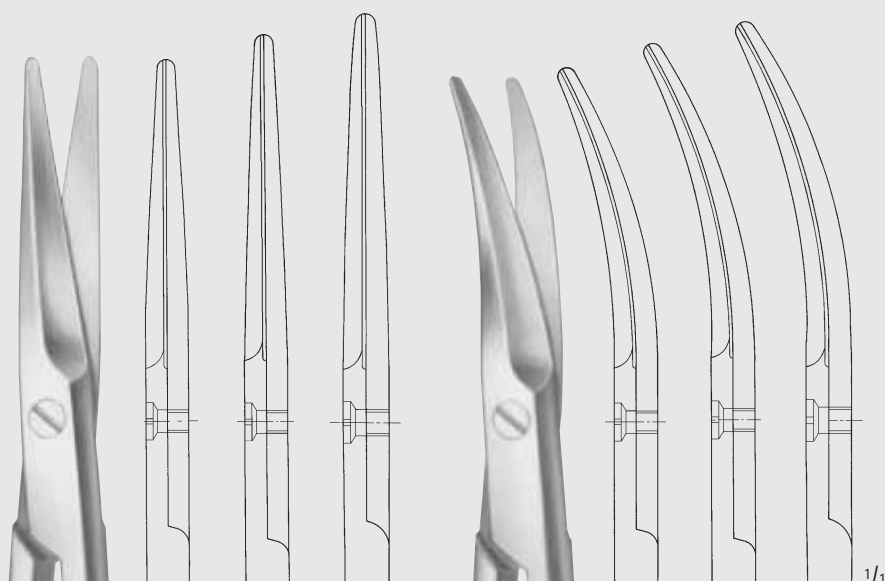
Chirurgische und Präparierscheren

Surgical and Dissecting Scissors



MAYO

BC544R-BC557R



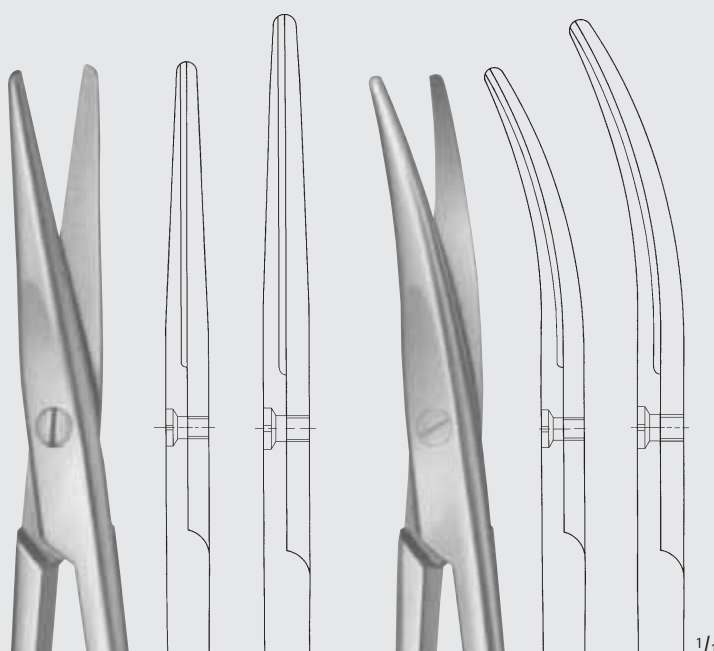
BC544R	BC545R	BC547R
140 mm	155 mm	170 mm
5 1/2"	6"	6 3/4"

BC554R	BC555R	BC557R
140 mm	155 mm	170 mm
5 1/2"	6"	6 3/4"



MAYO-STILLE

BC570R-BC575R



BC570R	BC572R
140 mm	170 mm
5 1/2"	6 3/4"

BC573R	BC575R
140 mm	170 mm
5 1/2"	6 3/4"

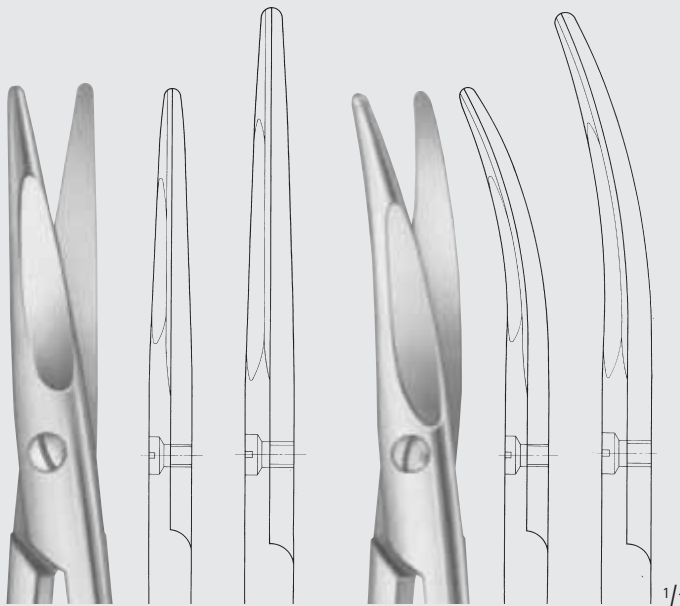


Scheren – Scissors

Präparierscheren

Dissecting Scissors

BC



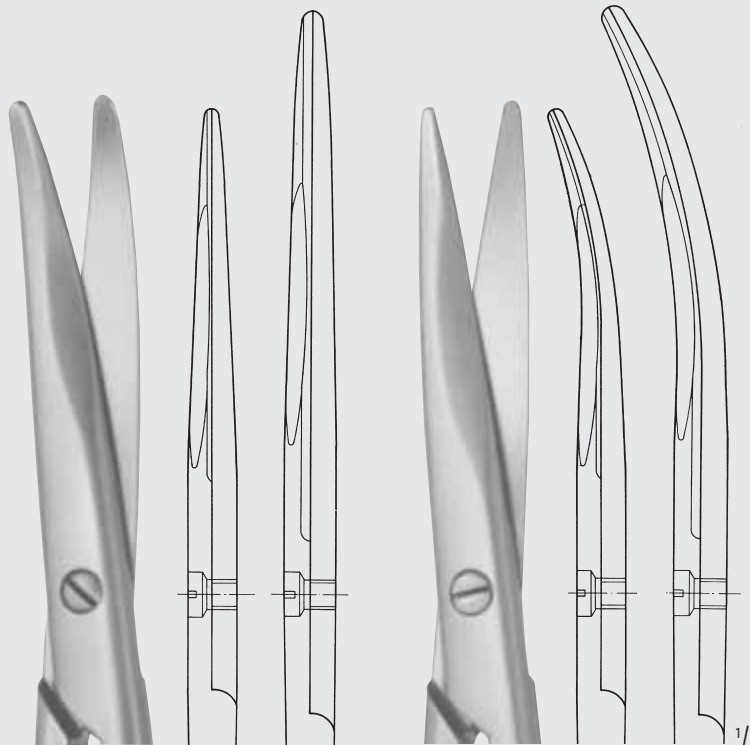
BC576R	BC578R
140 mm	170 mm
5 1/2"	6 3/4"

BC577R	BC579R
140 mm	170 mm
5 1/2"	6 3/4"

MAYO-STILLE

BC576R-BC579R

mit abgeschrägten Schneiden
with chamfered blades



BC562R	BC564R
190 mm	215 mm
7 1/2"	8 1/2"

BC563R	BC565R
190 mm	215 mm
7 1/2"	8 1/2"

MAYO

BC562R-BC565R

mit abgeschrägten Schneiden
with chamfered blades

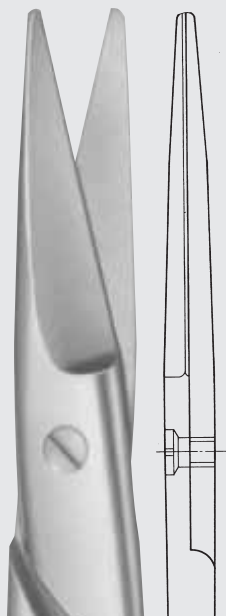


MILLIMETERS

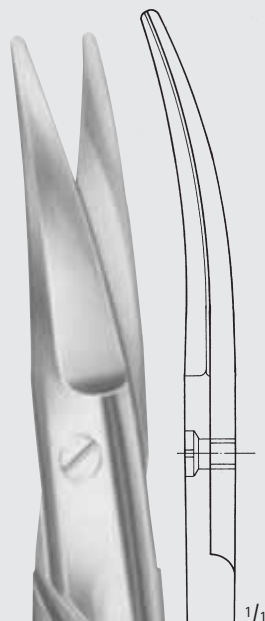
Scheren – Scissors

Präparierscheren

Dissecting Scissors



BC566R



BC569R

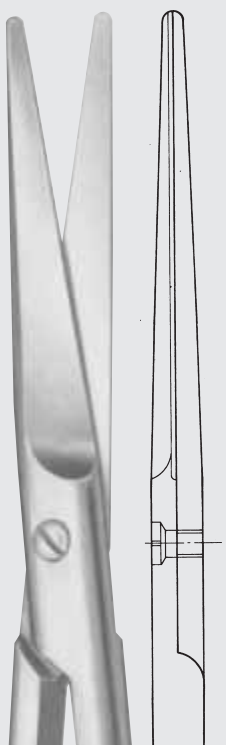
MAYO-NOBLE

BC566R-BC569R

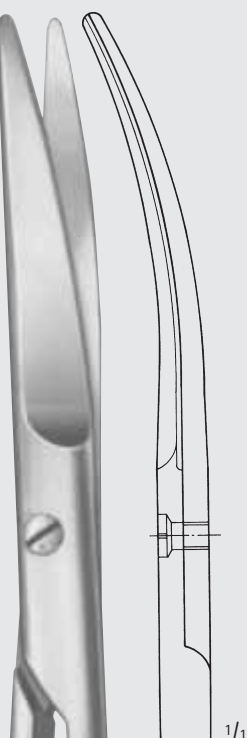
breite Modelle

broad patterns

170 mm, 6 3/4"



BC560R



BC561R

MAYO-HARRINGTON

BC560R-BC561R

230 mm, 9"

BC

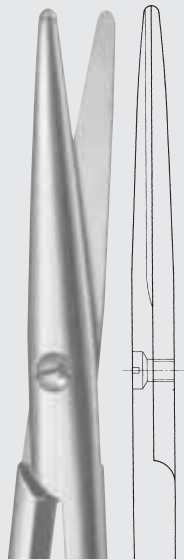


Scheren – Scissors

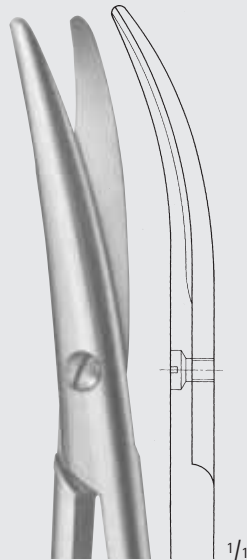
Präparierscheren

Dissecting Scissors

BC



BC580R

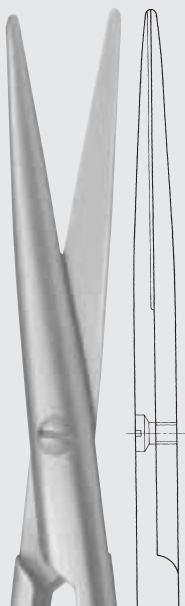


BC581R

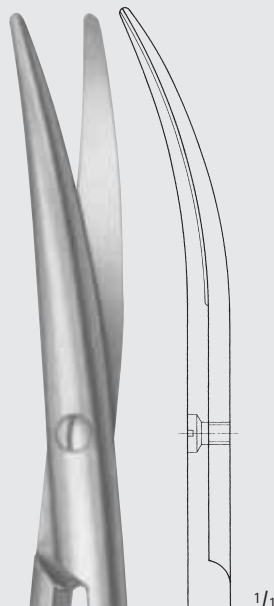
STILLE

BC580R-BC581R

150 mm, 6"



BC590R



BC591R

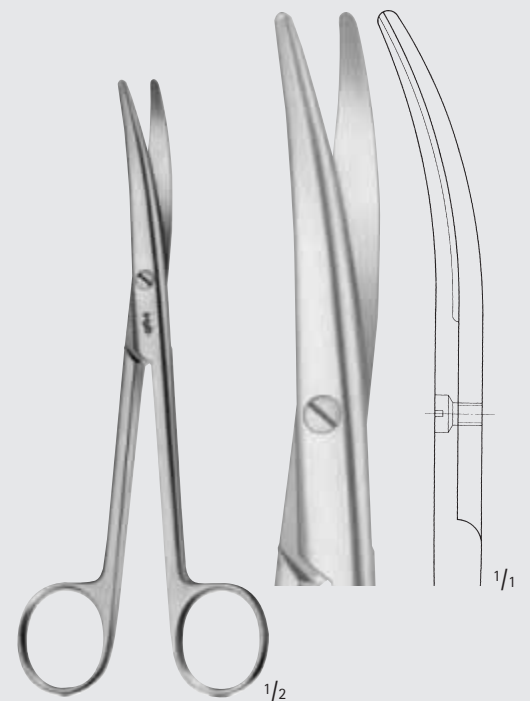
LEXER

BC590R-BC591R

schmal

narrow

165 mm, 6 1/2"



MAYO-LEXER

BC592R

Standard-Modell

Standard pattern

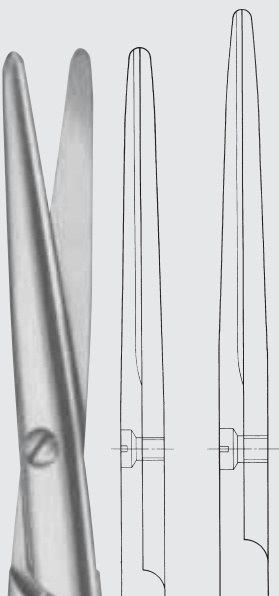
165 mm, 6 1/2"



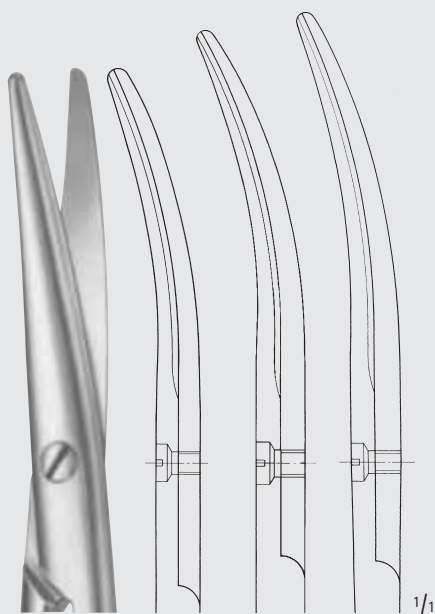
MILLIMETERS

Scheren – Scissors
 Präparierscheren
 Dissecting Scissors

BC



BC584R	BC585R
165 mm	200 mm
6 1/2"	8"



BC587R	BC588R	BC589R
165 mm	200 mm	210 mm
6 1/2"	8"	8 1/4"



MAYO

BC584R-BC589R

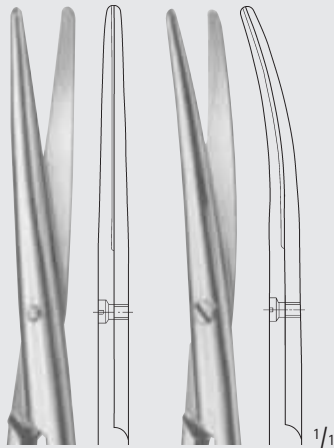


Scheren – Scissors

Präparierscheren

Dissecting Scissors

BC



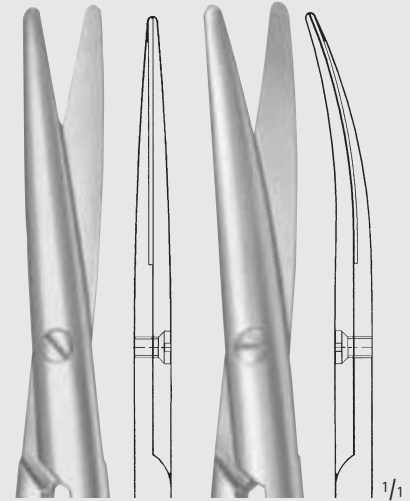
BC600R

BC603R

BABY-METZENBAUM

BC600R-BC603R

145 mm, 5 $\frac{3}{4}$ "



BC680R

200 mm

8"

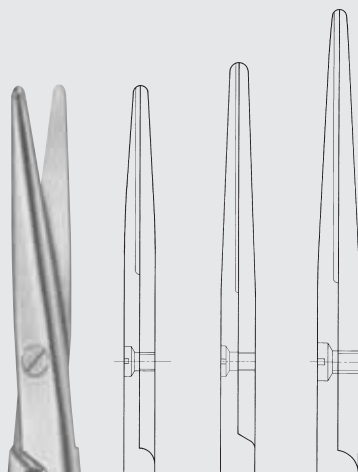
BC683R

160 mm

6 $\frac{1}{4}$ "

METZENBAUM

BC680R-BC683R



BC601R

145 mm

5 $\frac{3}{4}$ "

BC602R

180 mm

7"

BC604R

200 mm

8"



BC605R

145 mm

5 $\frac{3}{4}$ "

BC606R

180 mm

7"

BC607R

200 mm

8"

METZENBAUM

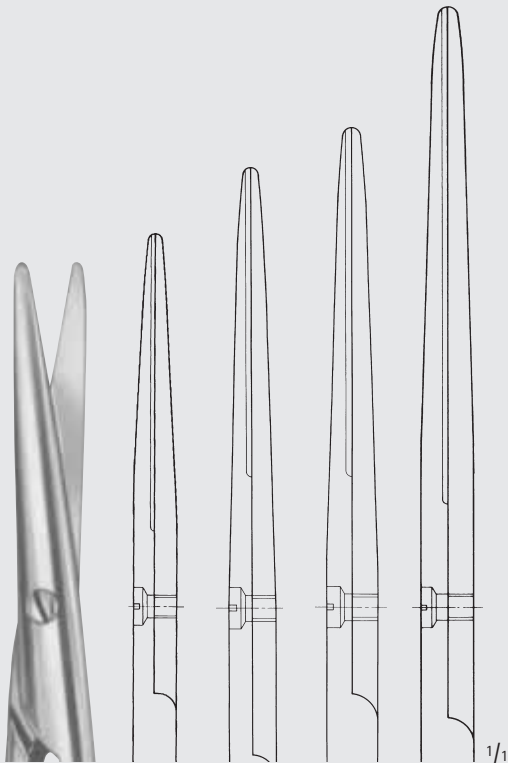
BC601R-BC607R



MILLIMETERS

Scheren – Scissors
 Präparierscheren
 Dissecting Scissors

BC



BC611R	BC612R	BC613R	BC614R
230 mm	250 mm	280 mm	305 mm
9"	10"	11"	12"



NELSON-METZENBAUM
 BC611R-BC625R



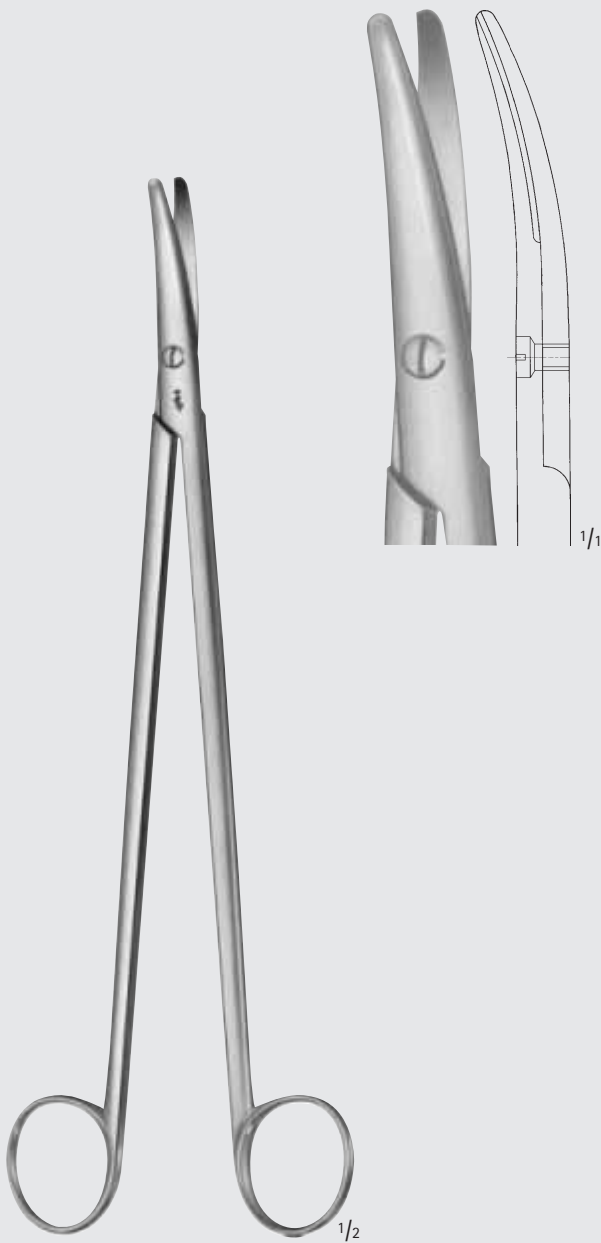
BC615R	BC616R	BC618R	BC619R	BC625R
230 mm	250 mm	280 mm	305 mm	350 mm
9"	10"	11"	12"	14"



Scheren – Scissors

Präparierscheren, Kapselscheren
Dissecting Scissors, Cartilage Scissors

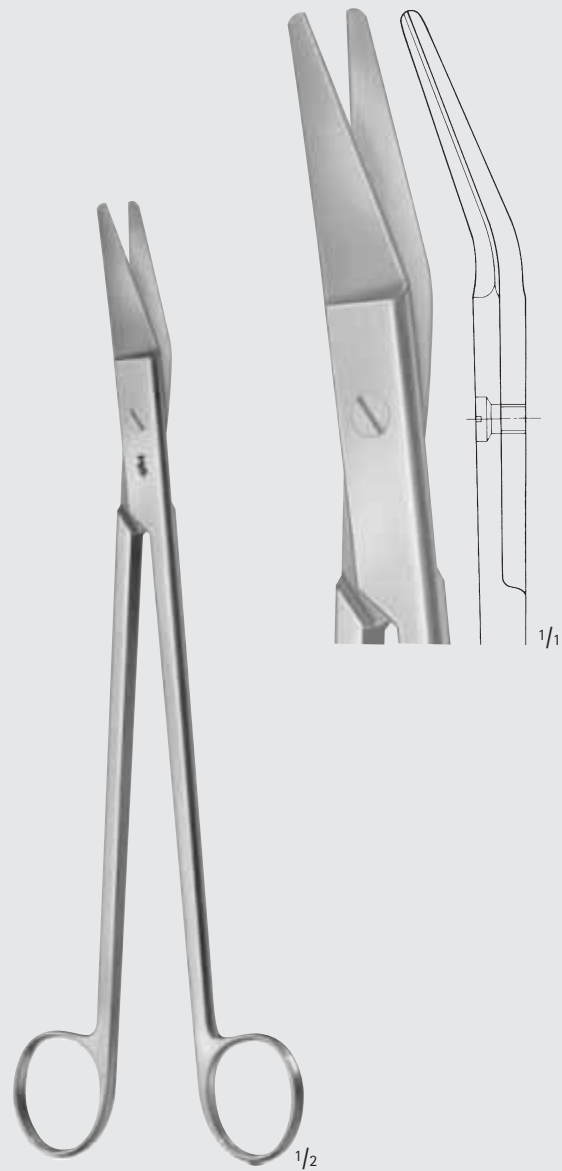
BC



WELLER

BC620R

Präparierschere, kräftiges Modell
Dissecting scissors, heavy pattern
280 mm, 11"



RESANO

BC595R

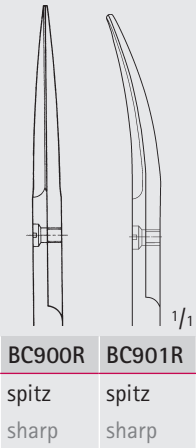
Kapselschere
Cartilage scissors
250 mm, 10"



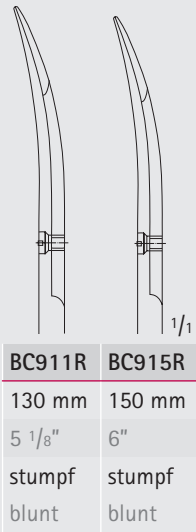
MILLIMETERS

Scheren – Scissors
 SuperCut Scheren
 SuperCut Scissors

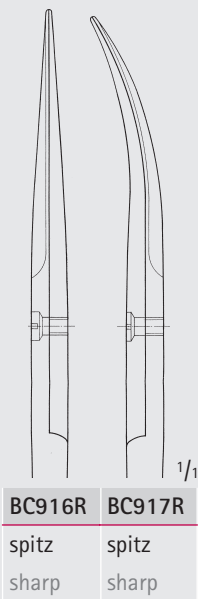
BC



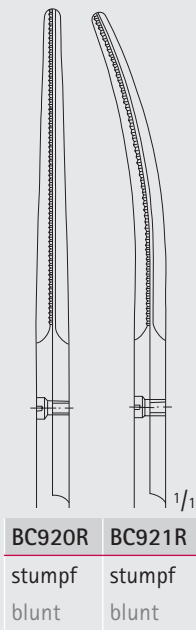
BC900R-BC901R
 110 mm, 4 3/8"



JAMESON
 BC911R-BC915R



JOSEPH
 BC916R-BC917R
 150 mm, 6"



GORNEY
 BC920R-BC921R
 195 mm, 7 3/4"



Scheren – Scissors

SuperCut Scheren

SuperCut Scissors

BC

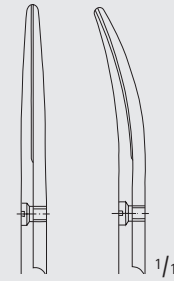


BC924R BC925R

MAYO

BC924R-BC925R

165 mm, 6 1/2"

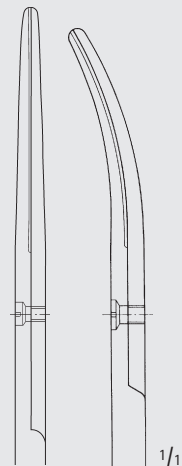


BC930R BC931R

BABY-METZENBAUM

BC930R-BC931R

115 mm, 4 1/2"



BC934R BC937R

145 mm 180 mm

5 3/4" 7"

METZENBAUM

BC934R-BC937R

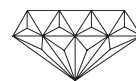


MILLIMETERS

Scheren – Scissors

DUROTIP® Feine Scheren

DUROTIP® Delicate Scissors



»grazil«

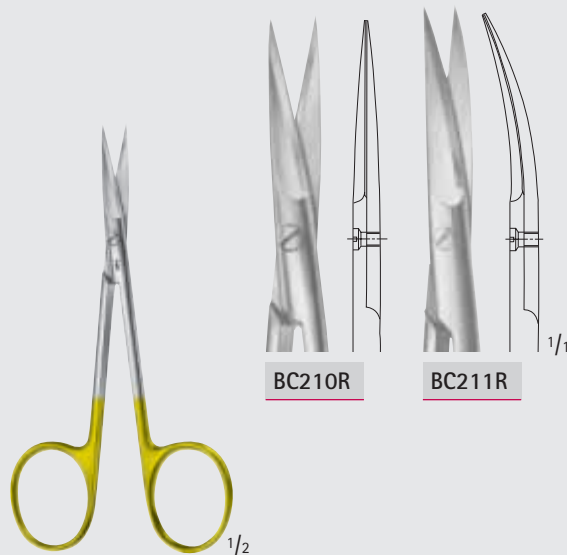


DUROTIP®-Scheren
mit eingesetzten Hartmetall-Schneiden

- 3 Jahre Garantie!
- Hervorragende Schnitthaltigkeit
- Lange Lebensdauer
- Vergoldete Ring

DUROTIP® Scissors
with inserted carbide cutting edges

- 3 years guarantee!
- Excellent cutting accuracy
- Long working life
- Gold-plated rings



BC210R

BC211R

BC210R-BC211R

Fadenscheren

Ligature scissors

110 mm, 4 3/8"

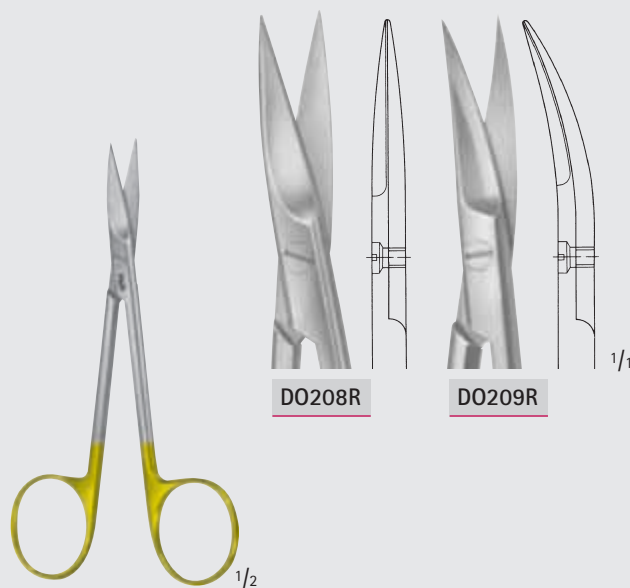


1 Schneide gezahnt
1 blade serrated

GOLDMAN-FOX

DO250R

130 mm, 5 1/8"



DO208R

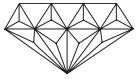
DO209R

DO208R-DO209R

120 mm, 4 3/4"

BC

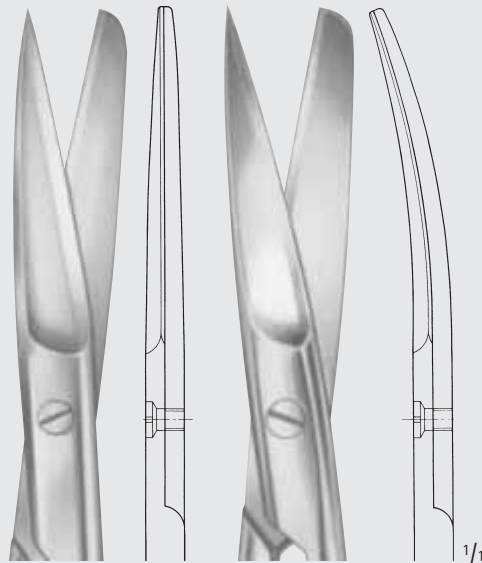




Scheren – Scissors

DUROTIP® Chirurgische Scheren
DUROTIP® Surgical Scissors

BC

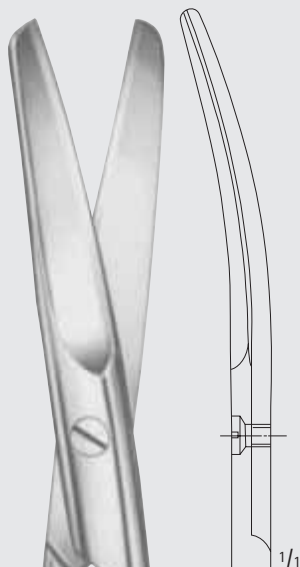
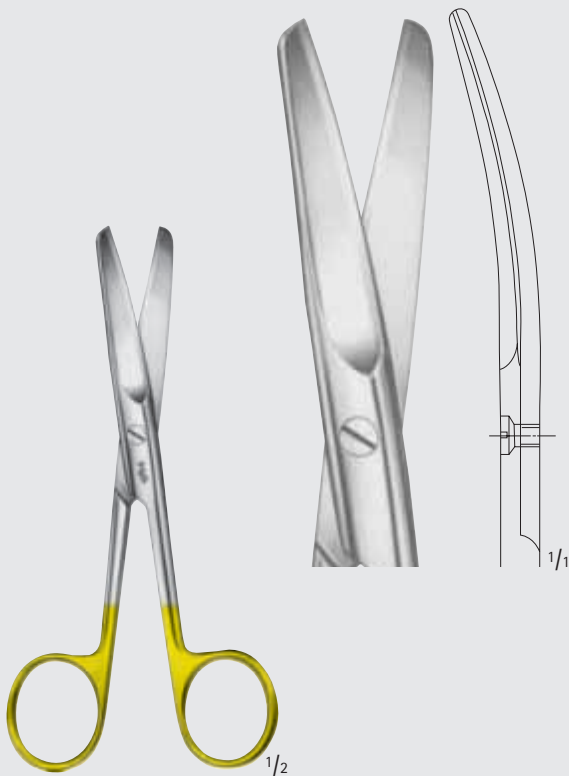


BC224R

BC234R

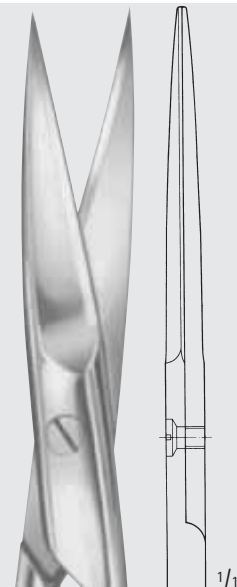
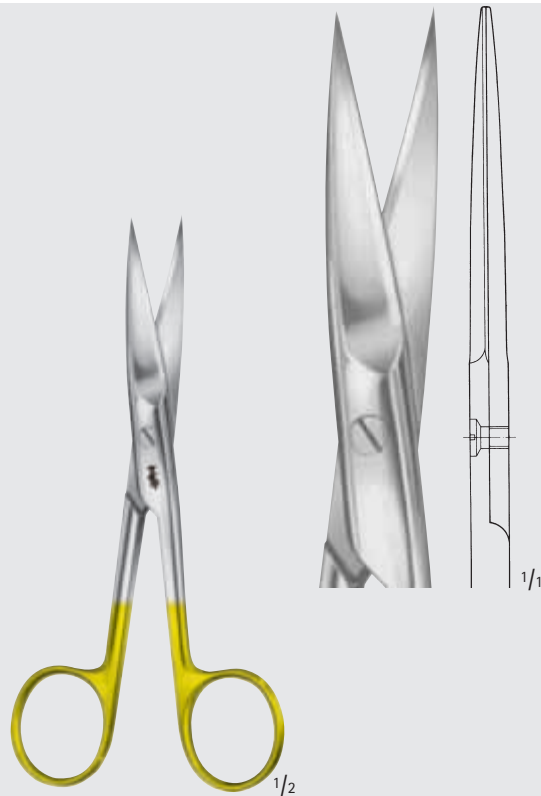
BC224R-BC234R

145 mm, 5 3/4"



BC231R

145 mm, 5 3/4"



BC228R

145 mm, 5 3/4"

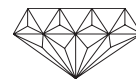


MILLIMETERS

Scheren – Scissors

DUROTIP® Präparierscheren

DUROTIP® Dissecting Scissors



BC



MAYO

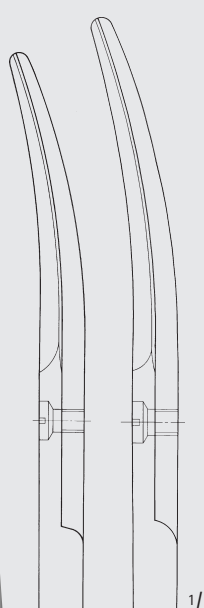
BC250R-BC253R



BC250R	BC252R
140 mm	170 mm
5 1/2"	6 3/4"



BC251R	BC253R
140 mm	170 mm
5 1/2"	6 3/4"



1/1

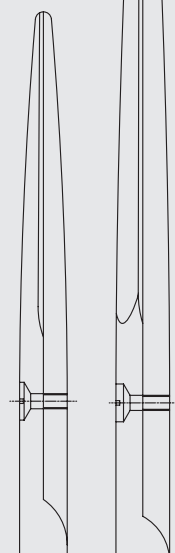


MAYO

BC242R-BC559R



BC242R	BC558R
170 mm	230 mm
6 3/4"	9"



BC243R	BC559R
170 mm	230 mm
6 3/4"	9"



1/1

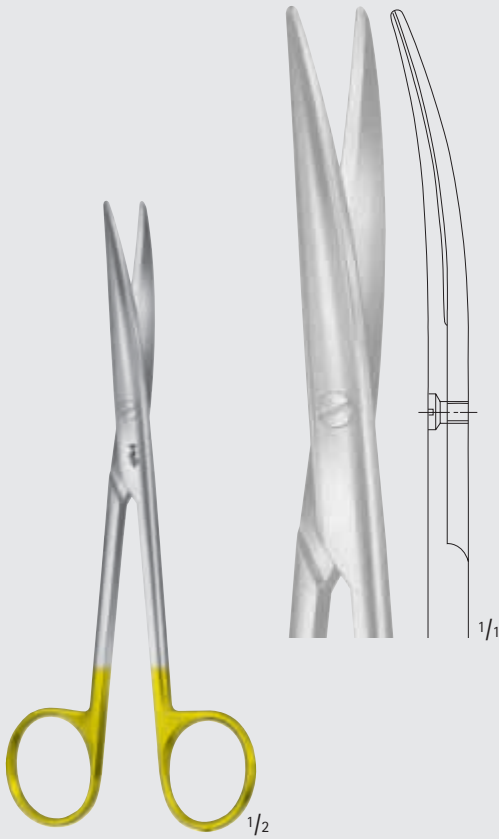


Scheren – Scissors

DUROTIP® Präparierscheren

DUROTIP® Dissecting Scissors

BC



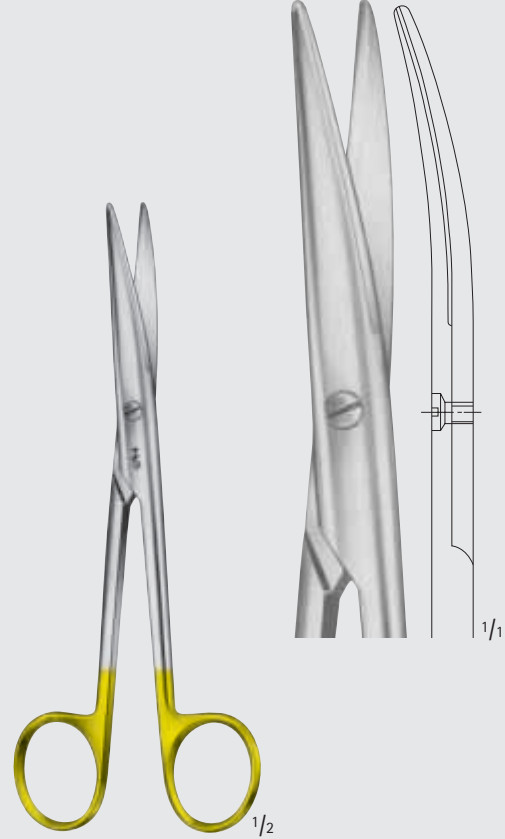
LEXER

BC283R

schmal

narrow

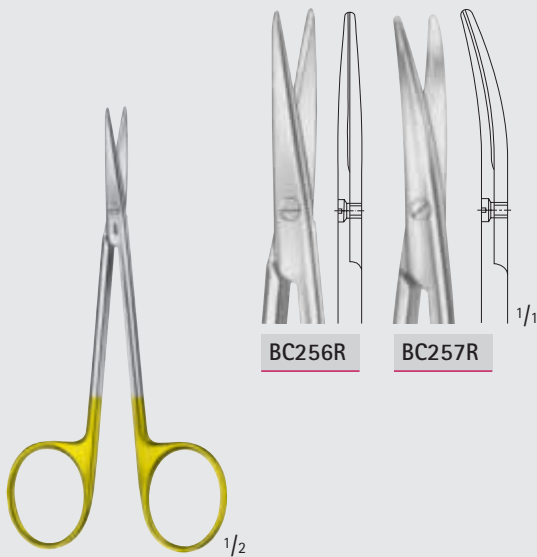
165 mm, 6 1/2"



MAYO-LEXER

BC284R

165 mm, 6 1/2"



BC256R

BC257R

BC256R-BC257R

115 mm, 4 1/2"



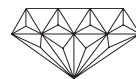
MILLIMETERS

Scheren – Scissors

DUROTIP® Präparierscheren

DUROTIP® Dissecting Scissors

»grazil«



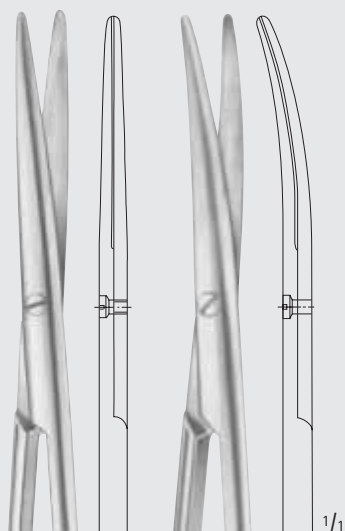
BC



BABY-METZENBAUM

BC258R-BC259R

145 mm, 5 ³/₄"



BC258R

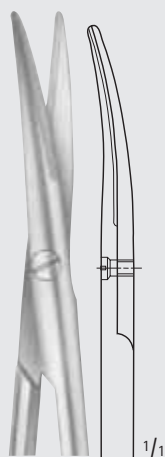
BC259R



TÖNNIS-ADSON

BC273R

175 mm, 7"





Scheren – Scissors

DUROTIP® Präparierscheren

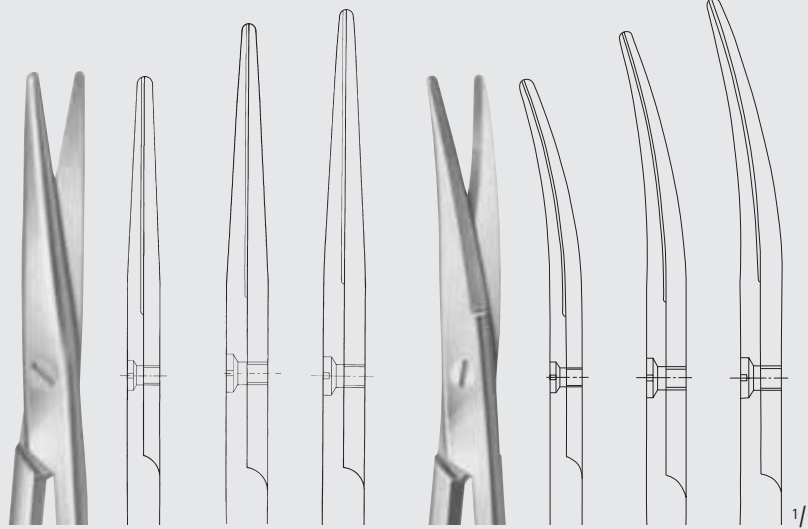
DUROTIP® Dissecting Scissors

BC



METZENBAUM

BC270R-BC277R



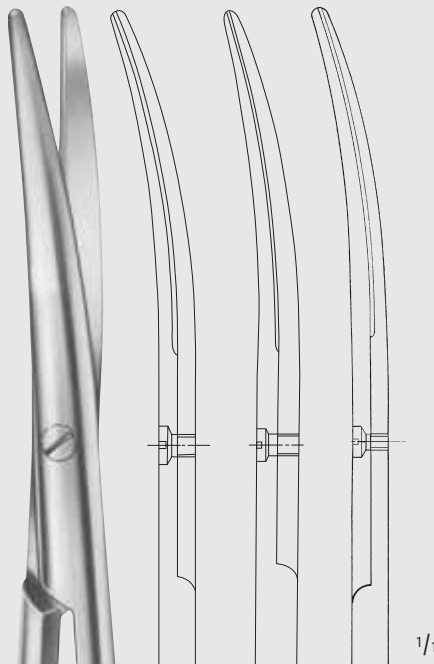
BC270R	BC274R	BC276R
180 mm	200 mm	230 mm
7"	8"	9"

BC271R	BC275R	BC277R
180 mm	200 mm	230 mm
7"	8"	9"

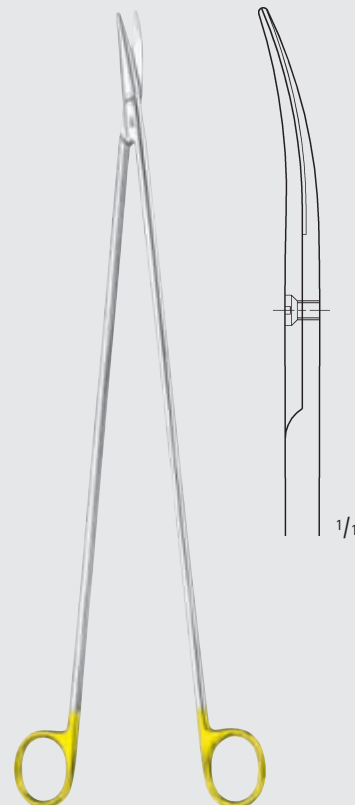


NELSON-METZENBAUM

BC279R-BC285R



BC279R	BC281R	BC282R
260 mm	280 mm	285 mm
10 1/4"	11"	11 1/4"



NELSON-METZENBAUM

BC285R

350 mm, 14"

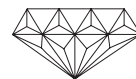


MILLIMETERS

Scheren – Scissors

DUROTIP® Präparierscheren

DUROTIP® Dissecting Scissors



BC

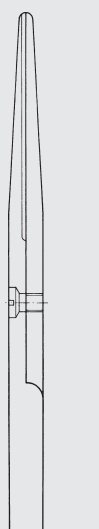


METZENBAUM

BC260R-BC265R



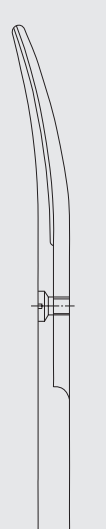
BC260R
145 mm
5 3/4"



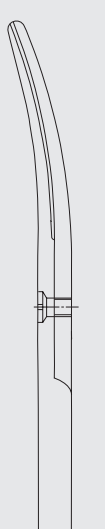
BC262R
180 mm
7"



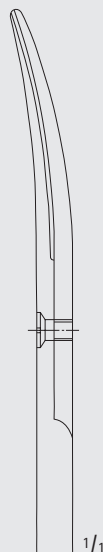
BC261R
145 mm
5 3/4"



BC263R
180 mm
7"



BC265R
200 mm
8"



1/1



NELSON-METZENBAUM (MC INDOE)

BC266R-BC289R



BC266R
200 mm
9"



BC267R
230 mm
9"



BC289R
300 mm
12"

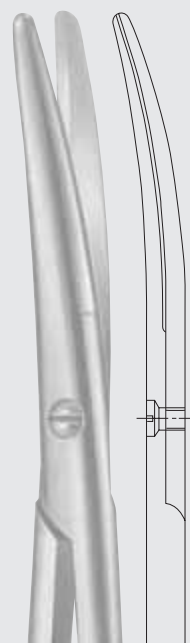
1/1



METZENBAUM

BC287R

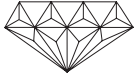
230 mm, 9"



1/1

breite Blattenden
broad blade ends

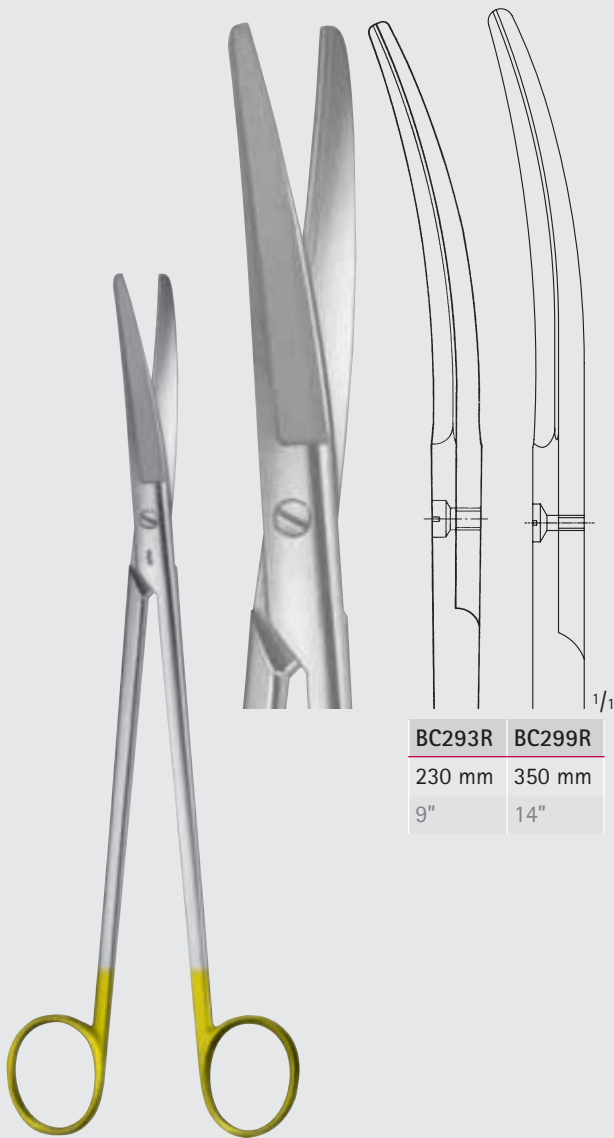
1/2



Scheren – Scissors

DUROTIP® Scheren
DUROTIP® Scissors

BC

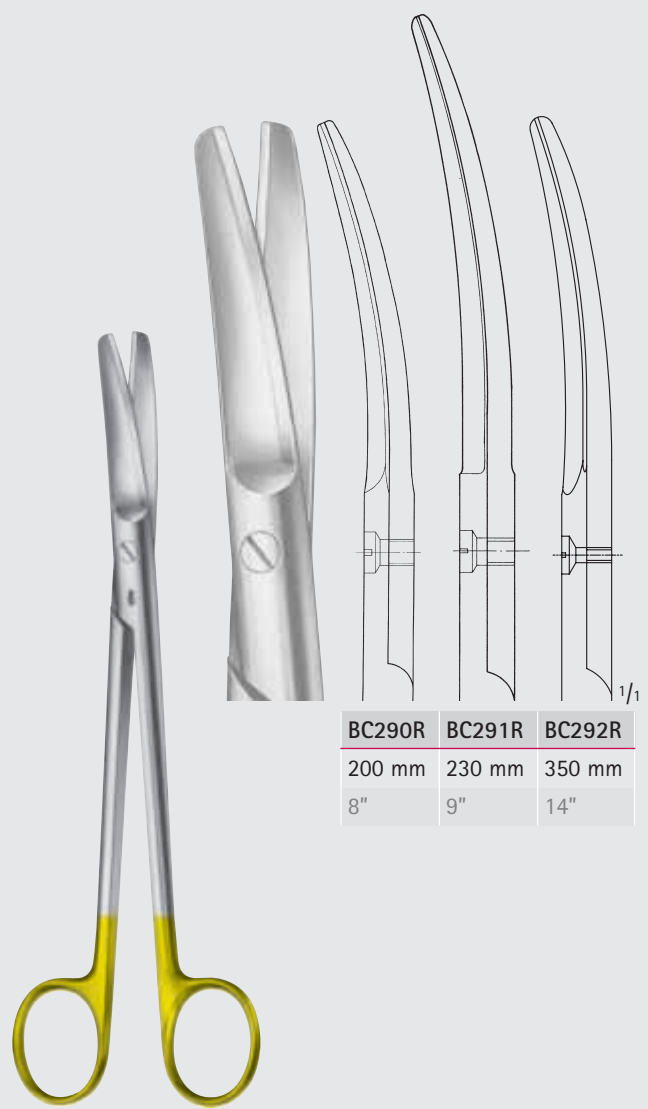


BC293R	BC299R
230 mm	350 mm
9"	14"

WERTHEIM

BC293R-BC299R

Präparierscheren
Dissecting scissors



BC290R	BC291R	BC292R
200 mm	230 mm	350 mm
8"	9"	14"

SIMS

BC290R-BC292R

Uterusscheren
Uterine scissors

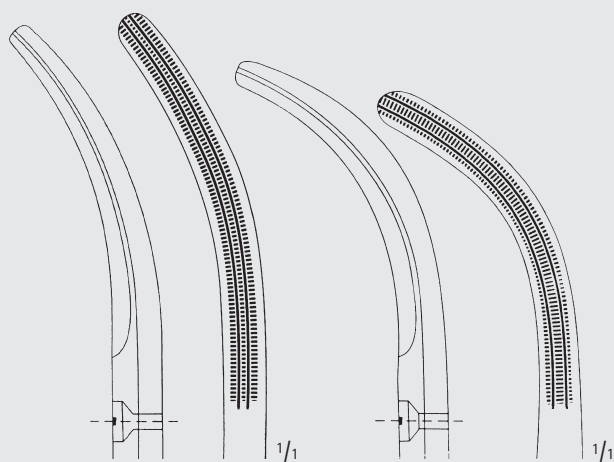
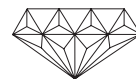


MILLIMETERS

Scheren – Scissors

DUROTIP® Scheren

DUROTIP® Scissors

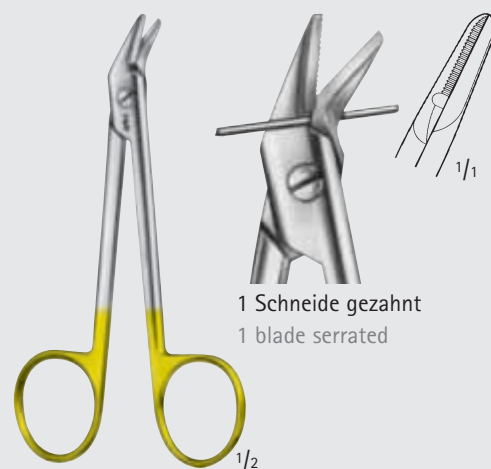


BC551R

BJ551R

BC552R

BJ552R



1 Schneide gezahnt
1 blade serrated

DP552R

Draht- und Bleischere

Wire cutting scissors

120 mm, 4 3/4"



BC551R

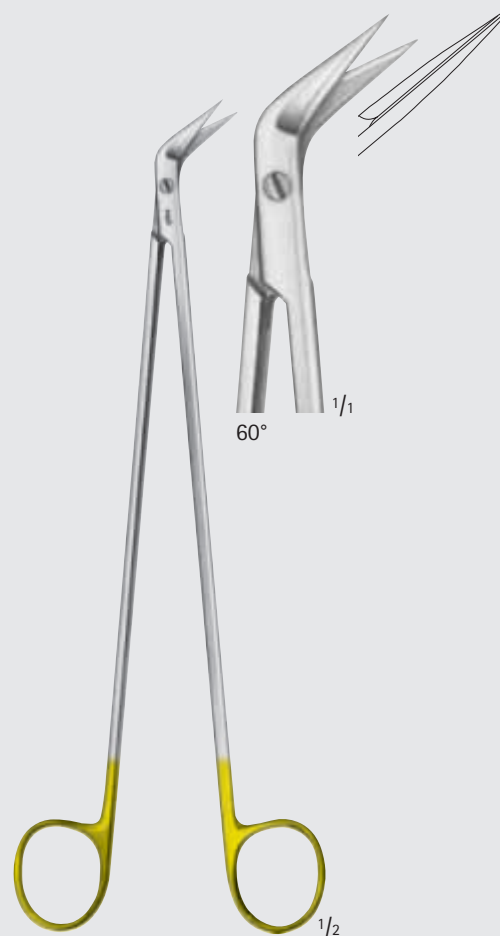
255 mm

10"

BC552R

255 mm

10"



DE BAKEY

BC245R

Gefäßschere

Vascular scissors

220 mm, 8 3/4"

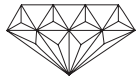
BC551R-BJ552R

Hysterektomiescheren, stark gebogen, passend zu den Parametriumklemmen BJ551R und BJ552R.

Hysterectomy scissors, strongly curved, fitting parametrium clamps BJ551R and BJ552R.

BC





Scheren – Scissors

DUROTIP® Scheren mit **W**ellenschliff

DUROTIP® **W**avecut Scissors

Wellenschliff
verhindert das Herausgleiten
des Gewebes

Wavecut
prevents tissue
from slipping out



Artikel mit dem Zusatz **W**
sind auf einer Schnittfläche
mit Wellenschliff versehen
(bei Bestellungen bitte an-
geben – z.B. BC211W)

W directly after the
catalog number indicates
that the resp. item has one
serrated cutting edge.
(When ordering please
indicate together with the
catalog number e.g.
BC211W)

»grazil«

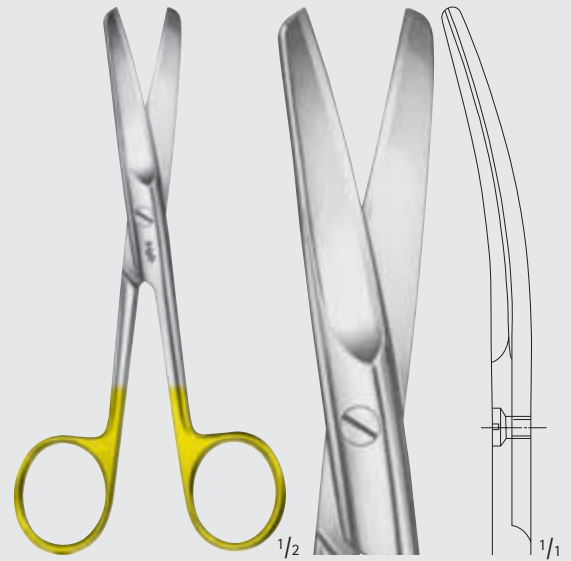


BC211W

Fadenschere

Ligature scissors

110 mm, 4 3/8"

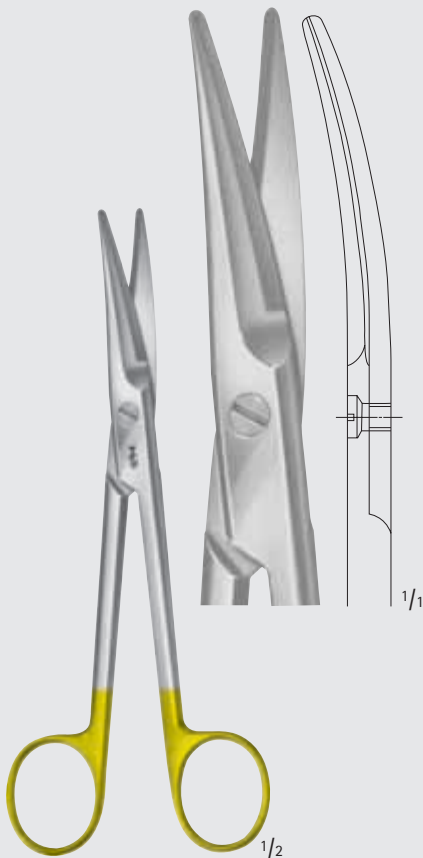


BC231W

Chirurgische Schere

Surgical Scissors

145 mm, 5 3/4"



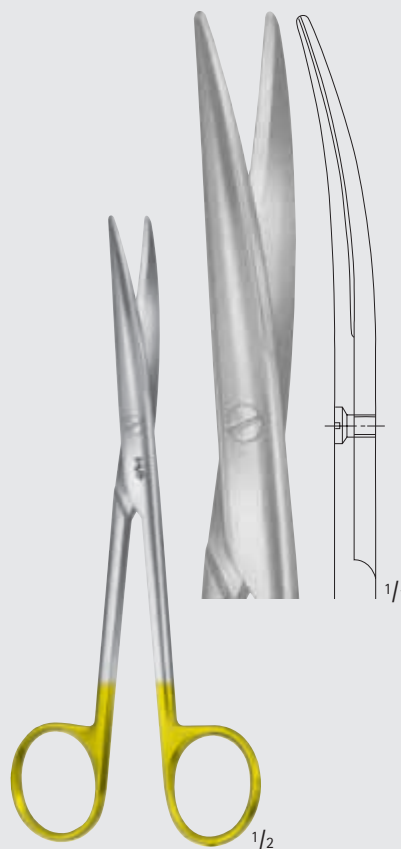
MAYO

BC253W

Präparierschere

Dissecting scissors

170 mm, 6 3/4"



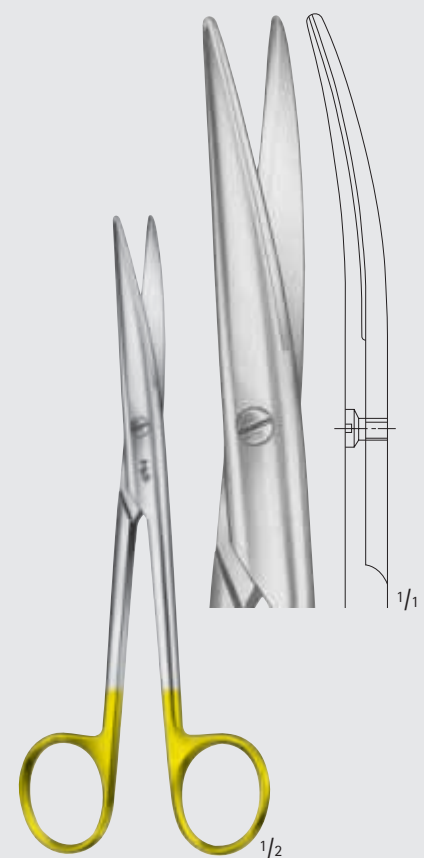
LEXER

BC283W

Präparierschere, schmal

Dissecting scissors, slender

165 mm, 6 1/2"



MAYO-LEXER

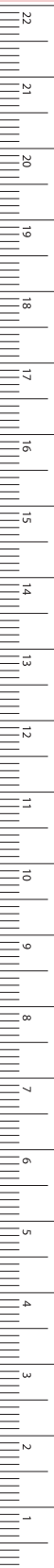
BC284W

Präparierschere

Dissecting scissors

165 mm, 6 1/2"

BC

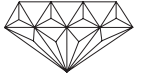


MILLIMETERS

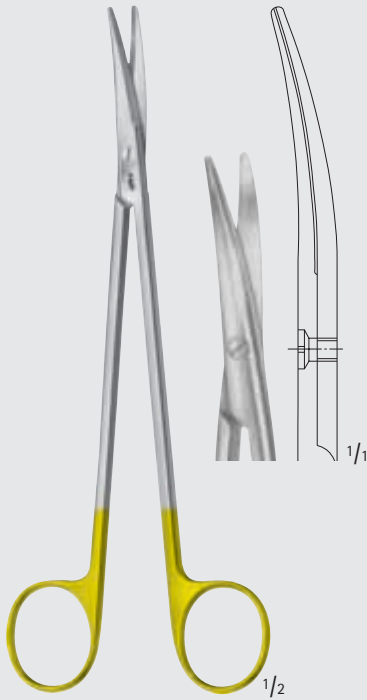
Scheren – Scissors

DUROTIP® Präparierscheren mit  Wellenschliff
DUROTIP®  Wavecutf Dissecting Scissors

»grazil«

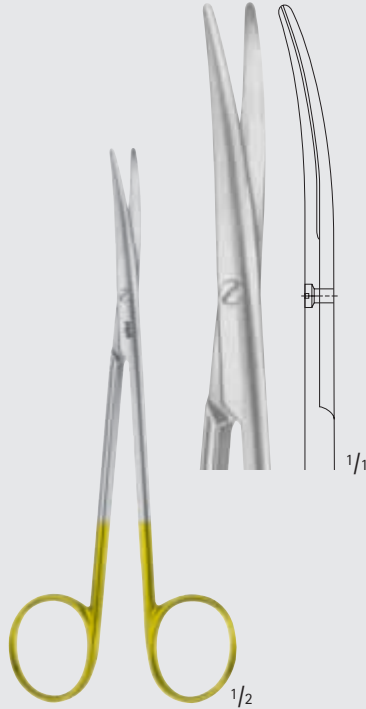


BC



BC257W

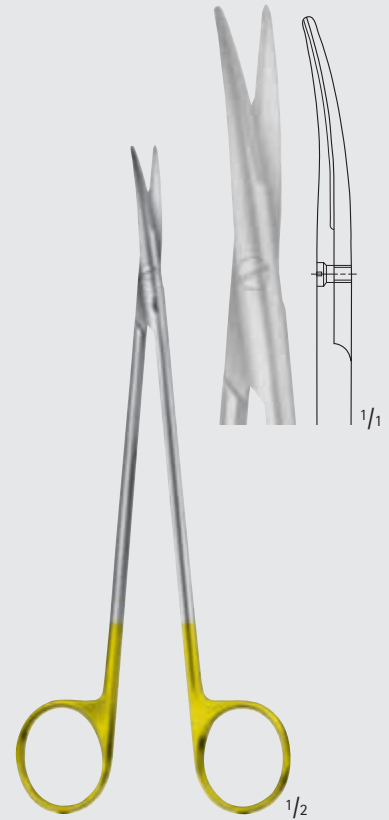
115 mm, 4 1/2"



BABY-METZENBAUM

BC259W

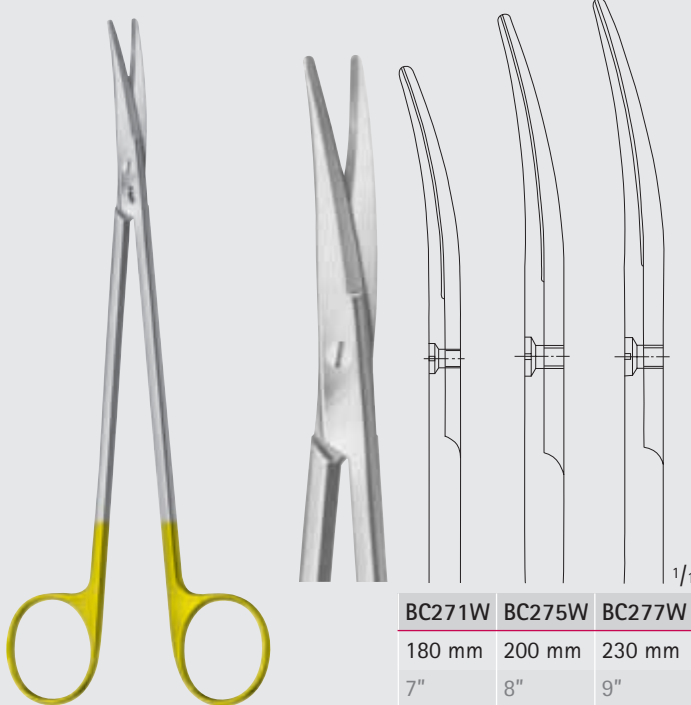
145 mm, 5 3/4"



TÖNNIS-ADSON

BC273W

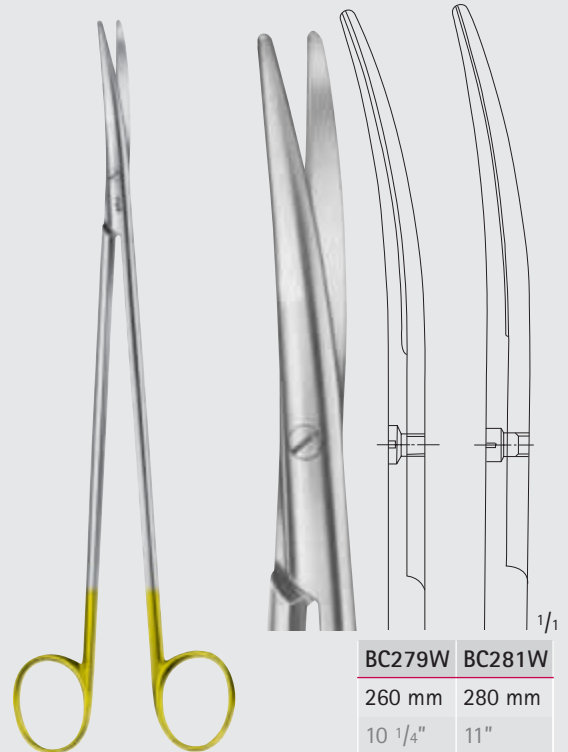
175 mm, 7"



METZENBAUM

BC271W-BC277W

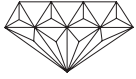
BC271W	BC275W	BC277W
180 mm	200 mm	230 mm
7"	8"	9"



NELSON-METZENBAUM

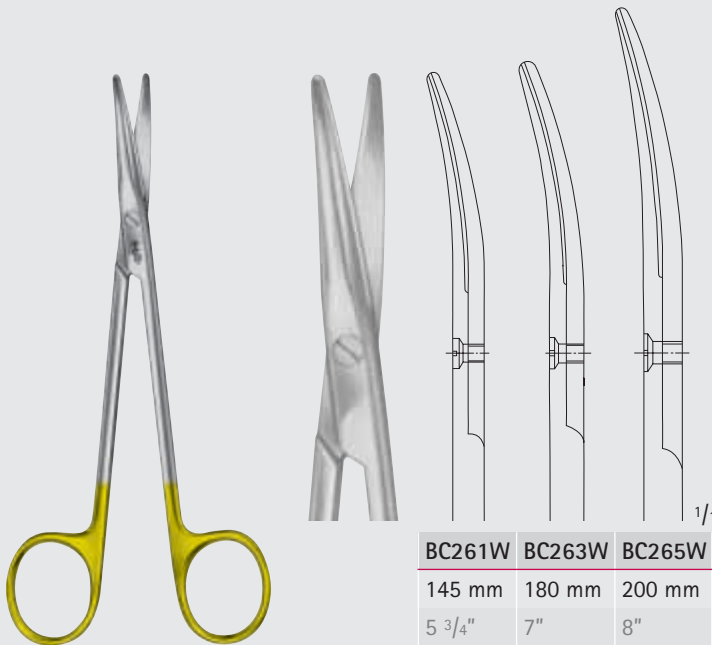
BC279W-BC281W

BC279W	BC281W
260 mm	280 mm
10 1/4"	11"



Scheren – Scissors

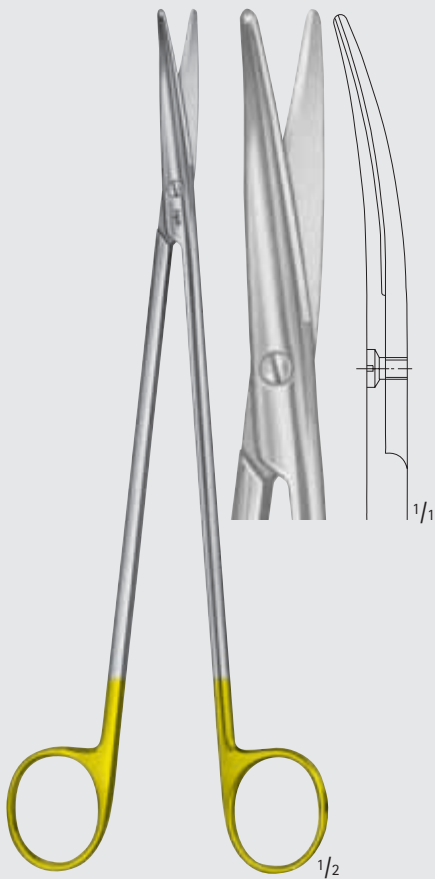
DUROTIP® Präparierscheren mit **W**ellenschliff
DUROTIP® **W**avecut Dissecting Scissors



BC261W	BC263W	BC265W
145 mm	180 mm	200 mm
5 3/4"	7"	8"

METZENBAUM

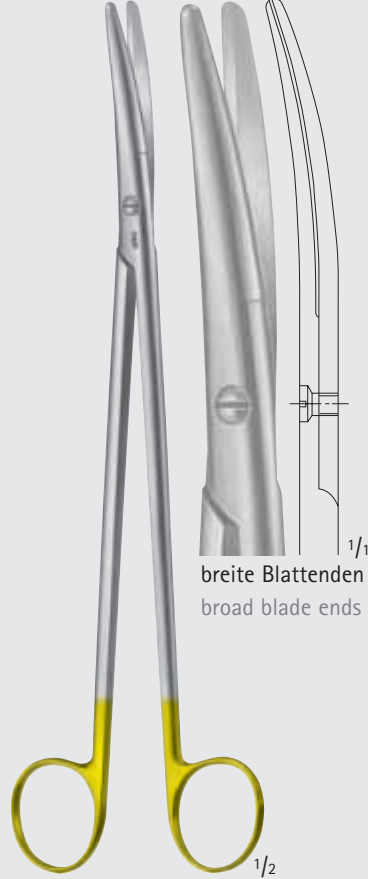
BC261W-BC265W



NELSON-METZENBAUM

BC267W

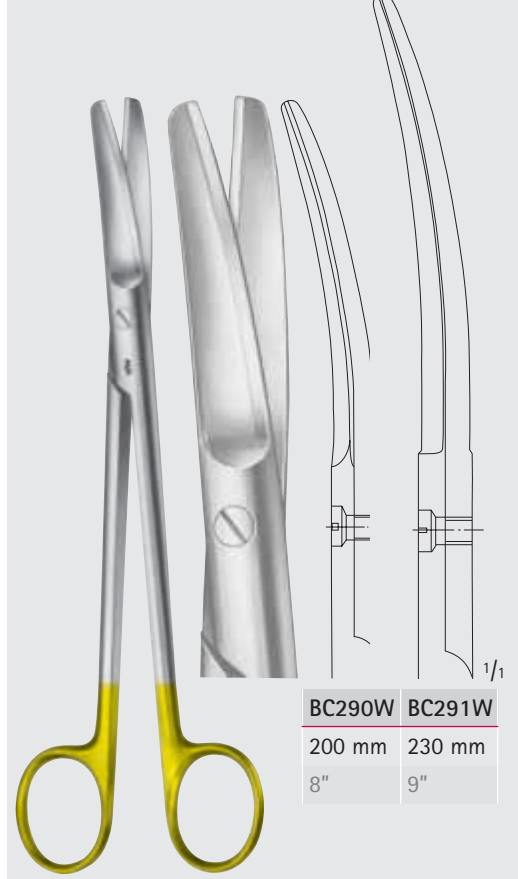
230 mm, 9"



METZENBAUM

BC287W

230 mm, 9"



SIMS

BC290W-BC291W

Uterusscheren
Uterine scissors

BC290W	BC291W
200 mm	230 mm
8"	9"

BC

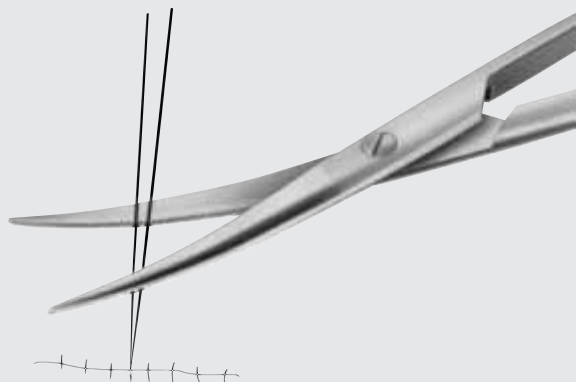
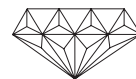


MILLIMETERS

Scheren – Scissors

DUROTIP® Ligaturscheren mit  Wellenschliff

DUROTIP®  Wavecut Ligature Scissors



speziell zum Schneiden von Nahtmaterial

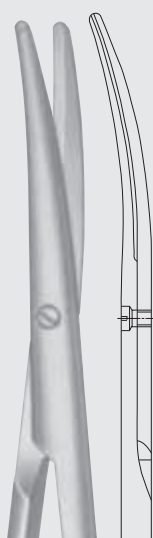
- Hartmetalleinlagen gewähren dauerhafte Schnittschärfe (auch im distalen Bereich der Scherenblätter)
- der Spezial-  Wellenschliff verhindert das Abgleiten des Nahtmaterials
- Durotip®-Ligaturscheren sind gekennzeichnet mit 1 vergoldeten Ring

especially for cutting suture materials

- Carbide inserts guarantee permanent cutting edge (also in the distal area of the blades)
-  Wavecut prevents suture materials from slipping out
- Durotip® ligature scissors are identified by 1 goldplated ring



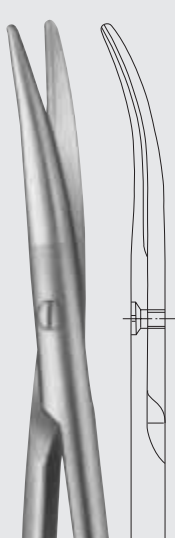
BC294W-BC298W



BC294W

145 mm

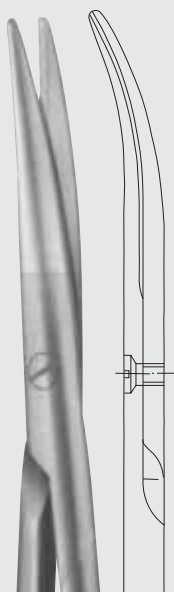
5 3/4"



BC295W

180 mm

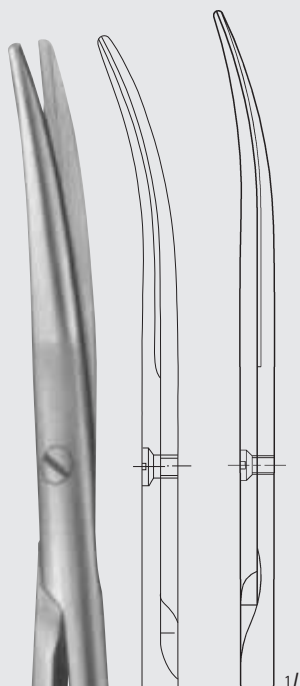
7"



BC296W

230 mm

9"



BC297W

260 mm

10 1/4"

BC298W

350 mm

14"

1/1



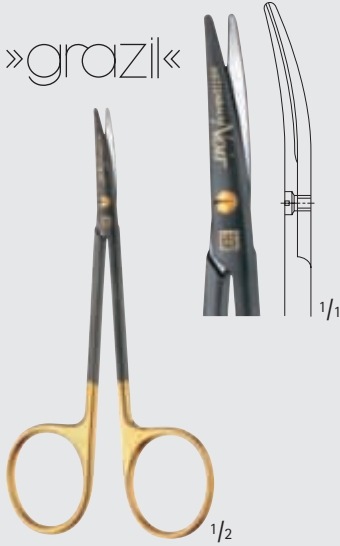
Scheren – Scissors

Präparierscheren Noir

Dissecting Scissors Noir

BC

»grazil«



BC257B

115 mm, 4 1/2"

»grazil«

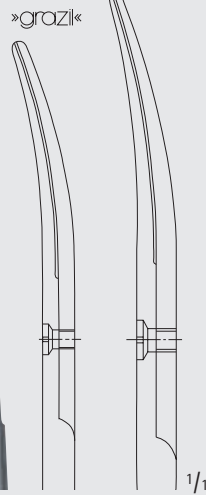


BABY-METZENBAUM

BC259B

145 mm, 5 3/4"

»grazil«



BC271B

180 mm

7"

BC275B

200 mm

8"

BC261B

145 mm

5 3/4"

BC263B

180 mm

7"

BC265B

200 mm

8"



METZENBAUM

BC261B-BC275B



BC283B

BC284B



MAYO-LEXER

BC283B-BC284B

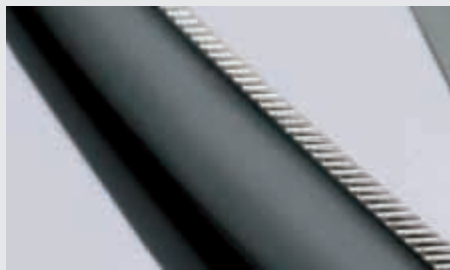
165 mm, 6 1/2"



Scheren – Scissors

Präparierscheren Noir mit Wellenschliff

Wavecut Dissecting Scissors Noir



Wellenschliff verhindert das Herausgleiten des Gewebes während des Schneidens

Wavecut prevents tissue from slipping out during the cutting process



BC257WB

115 mm, 4 1/2"



BABY-METZENBAUM

BC259WB

145 mm, 5 3/4"

BC



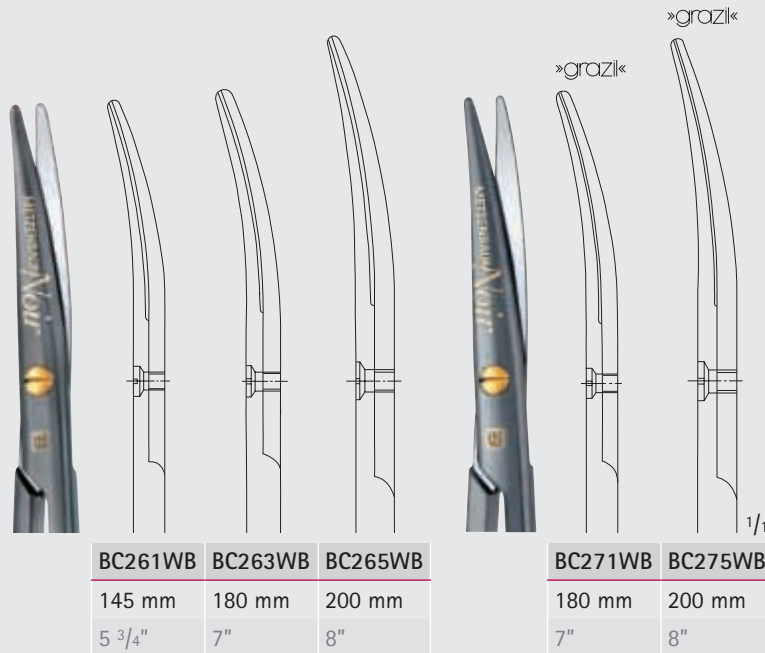
Scheren – Scissors

Präparierscheren Noir mit **W**ellenschliff
Wavecut Dissecting Scissors Noir



METZENBAUM

BC261WB-BC275WB



BC261WB	BC263WB	BC265WB
145 mm	180 mm	200 mm
5 ³ / ₄ "	7"	8"

BC271WB	BC275WB
180 mm	200 mm
7"	8"



MAYO-LEXER

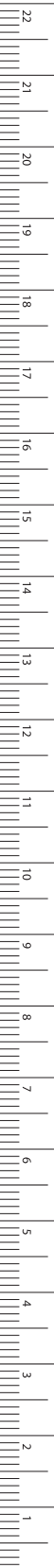
BC283WB-BC284WB

165 mm, 6 ¹/₂"



BC283WB	BC284WB
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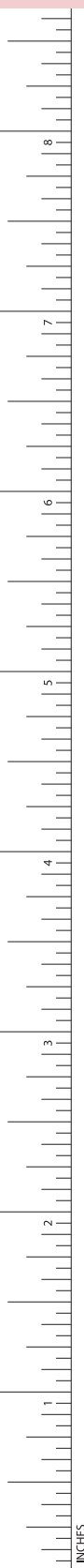
BC



MILLIMETERS

Scheren – Scissors
Mikro-Gefäßscheren
Micro Vascular Scissors

BC



180 mm, 7"

1/1

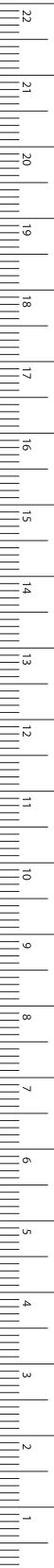


Scheren – Scissors

Mikro-Gefäßscheren

Micro Vascular Scissors

BC

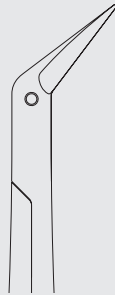


25°



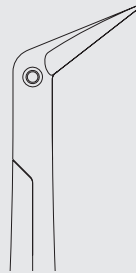
BC522R

45°



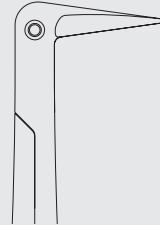
BC523R

60°



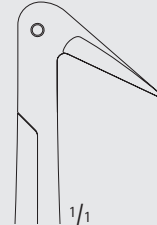
BC524R

90°



BC525R

125°

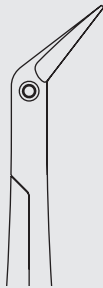


BC526R

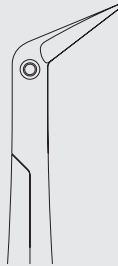
Standard Blatt
Standard blade size



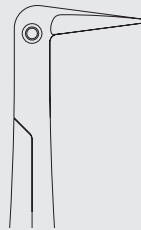
BC531R



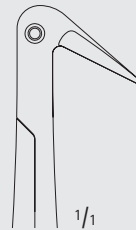
BC532R



BC533R



BC534R



BC535R

Sehr feines Blatt
Delicate blade size



BC515R



BC516R



BC517R



BC518R



BC519R

Extrem feines Blatt
Ultra delicate blade size

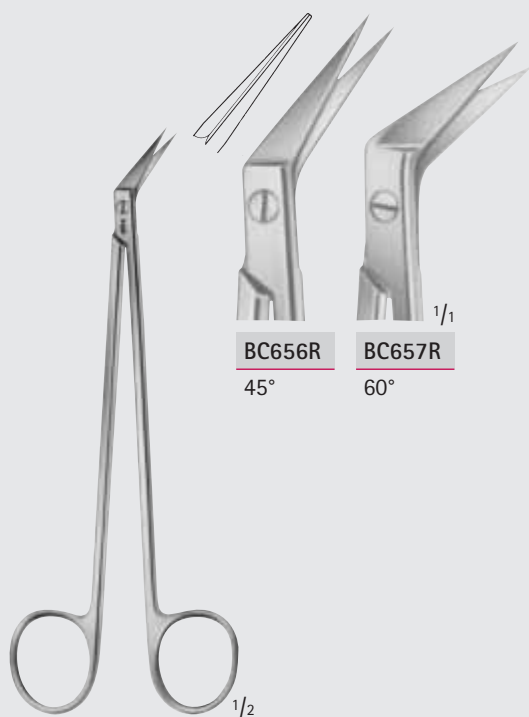
MILLIMETERS

Scheren – Scissors

Gefäßscheren

Cardiovascular Scissors

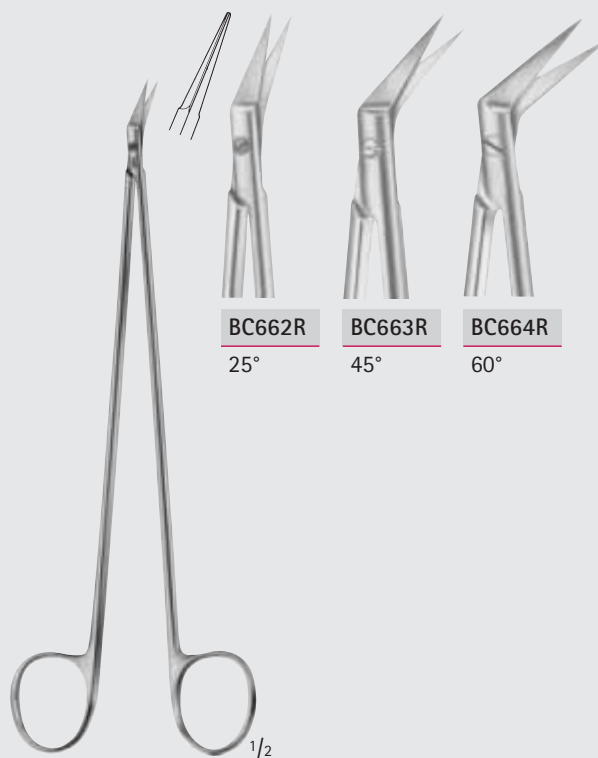
BC



DE BAKEY

BC656R-BC657R

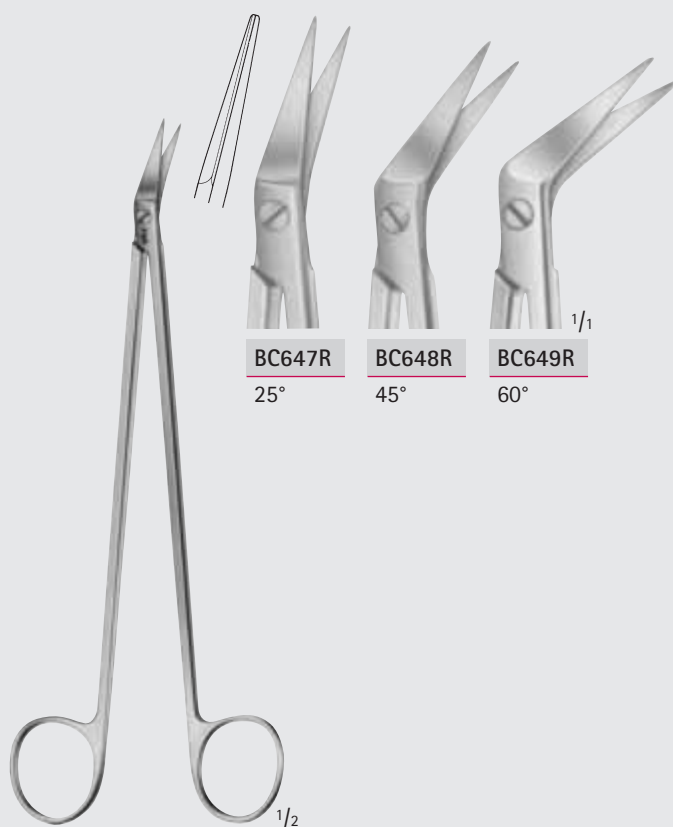
155 mm, 6"



DIETRICH-HEGEMANN

BC662R-BC664R

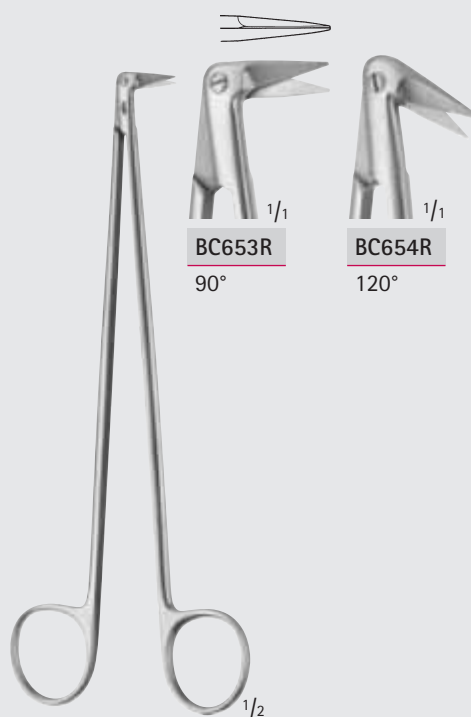
180 mm, 7"



POTTS-DE MARTEL

BC647R-BC649R

185 mm, 7 1/4"



DIETRICH

BC653R-BC654R

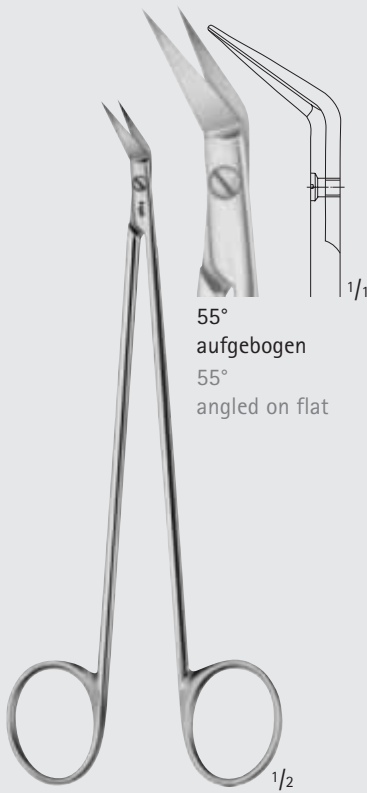
170 mm, 6 3/4"



Scheren – Scissors

Gefäßscheren

Cardiovascular Scissors

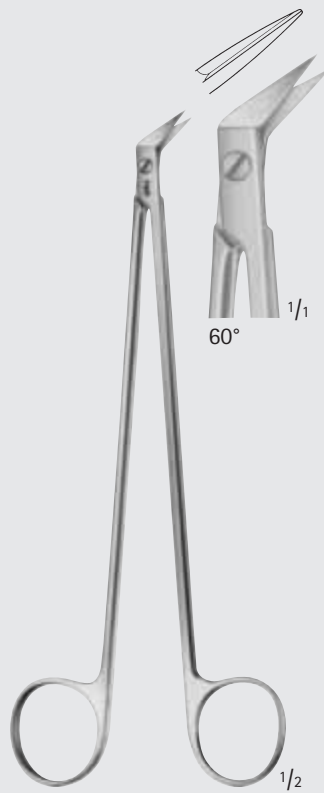
BC

55°
aufgebogen
55°
angled on flat

POTTS-SMITH

BC646R

Gefäßschere
Cardiovascular scissors
180 mm, 7"

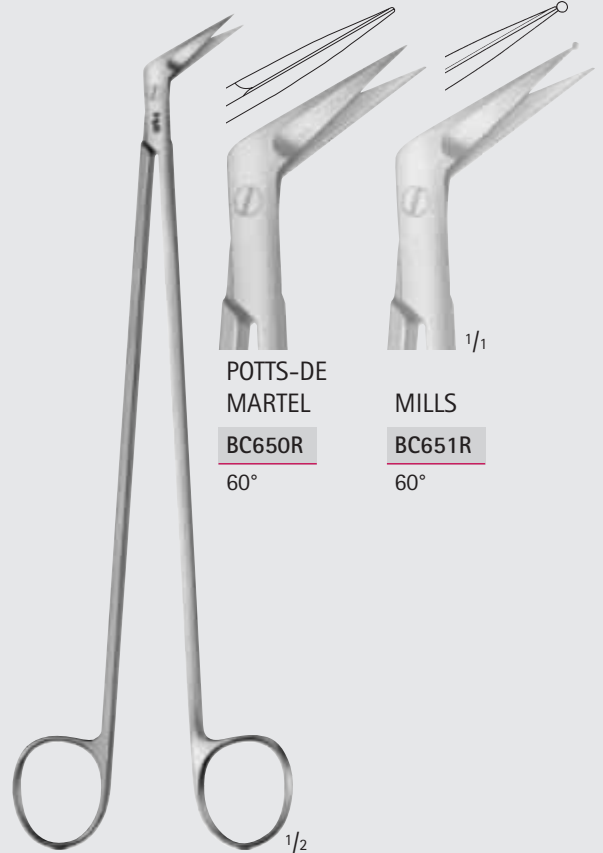


60°

POTTS-SMITH

BC652R

Gefäßschere
Cardiovascular scissors
180 mm, 7"

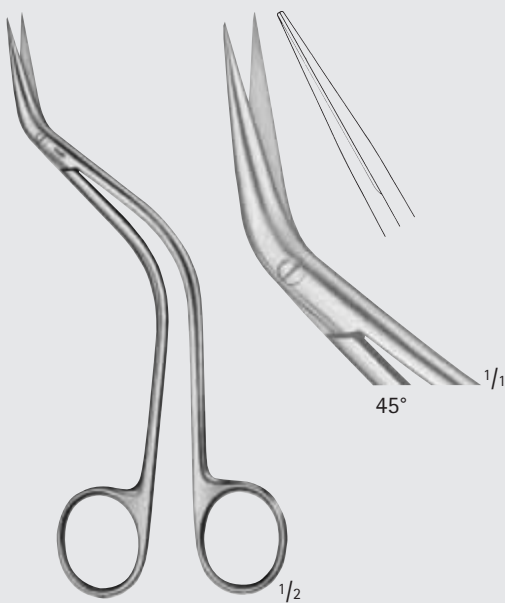


POTTS-DE
MARTEL
BC650R
60°

MILLS
BC651R
60°

BC650R-BC651R

Gefäßscheren
Cardiovascular scissors
220 mm, 8 3/4"

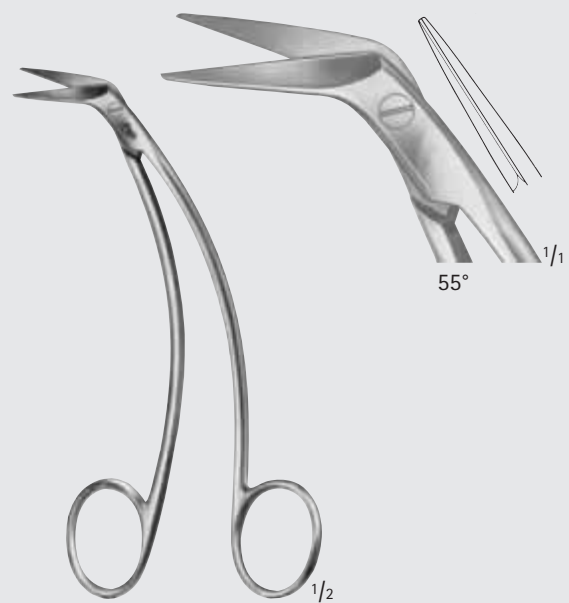


45°

DE BAKEY

BC669R

Offset-Schere, S-förmig
Offset scissors, s-shaped
155 mm, 6"



55°

FAVOLORO

BC670R

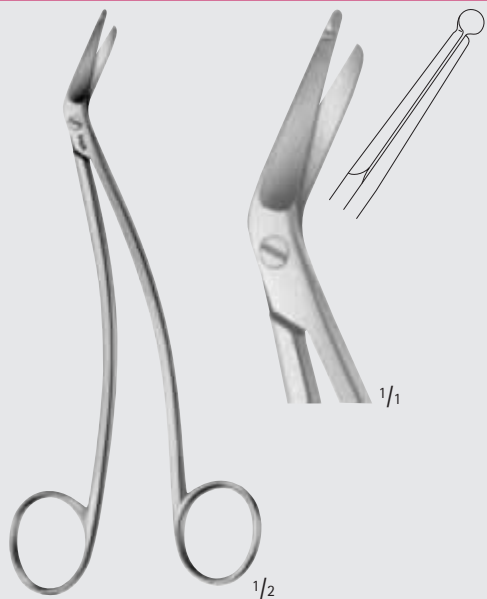
Gefäßschere
Cardiovascular scissors
140 mm, 5 1/2"



MILLIMETERS

Scheren – Scissors

Scheren für Gefäß- und Neurochirurgie
Scissors for Vascular and Neuro Surgery



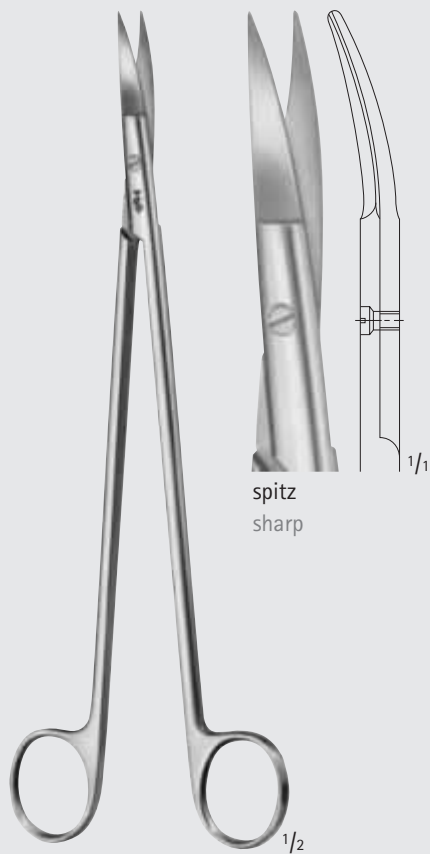
SCHMIEDEN-TAYLOR

BC660R

Duraschere

Dura scissors

155 mm, 6"



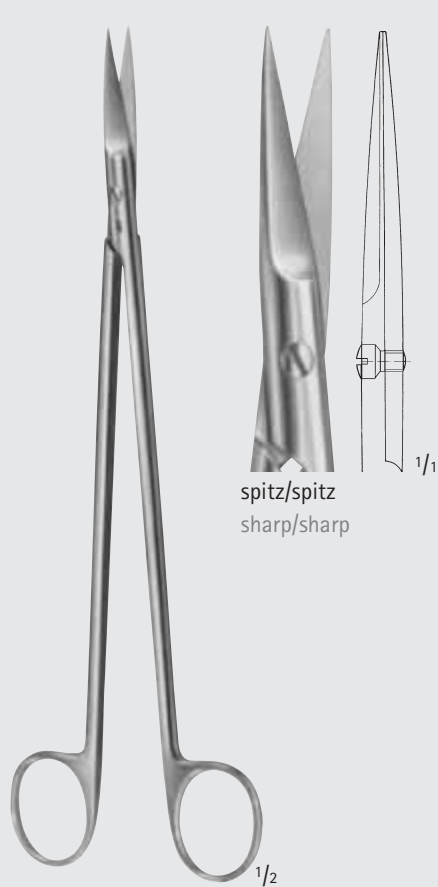
STRULLY

BC644R

Gefäßschere

Vascular scissors

220 mm, 8 3/4"



BC642R

Gefäßschere

Vascular scissors

225 mm, 9"



Scheren – Scissors

Scheren für Gefäß- und Neurochirurgie
Scissors for Vascular and Neuro Surgery

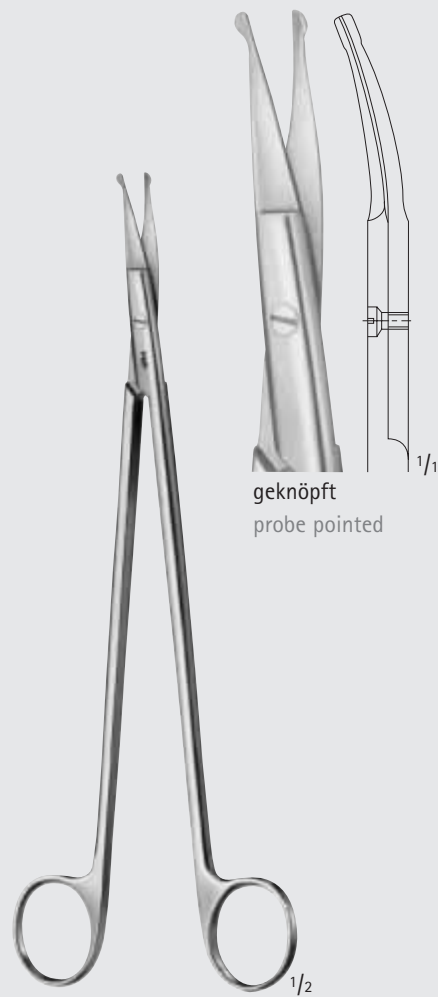
BC



BARRÉ

BC715R

280 mm, 11"



STRULLY

BC645R

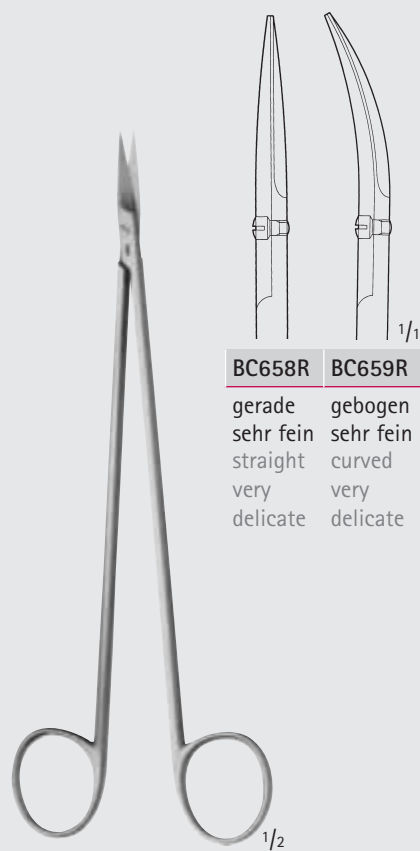
220 mm, 8 3/4"



MILLIMETERS

Scheren – Scissors

Scheren für die Gefäßchirurgie
Scissors for Vascular Surgery



BC658R

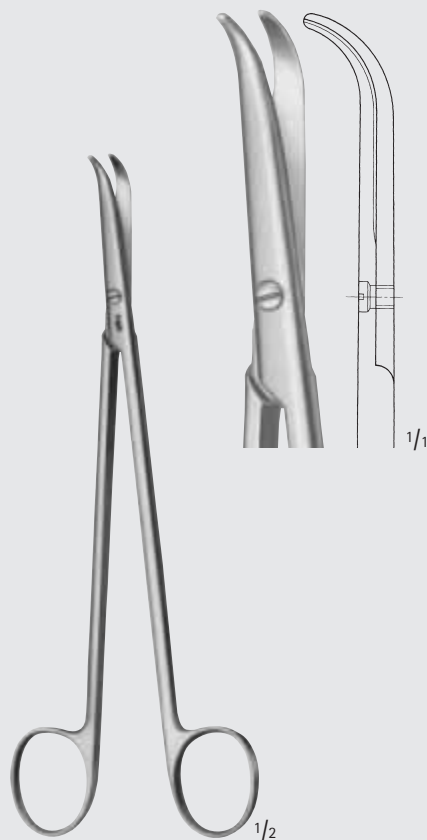
gerade
sehr fein
straight
very
delicate

BC659R

gebogen
sehr fein
curved
very
delicate

BC658R-BC659R

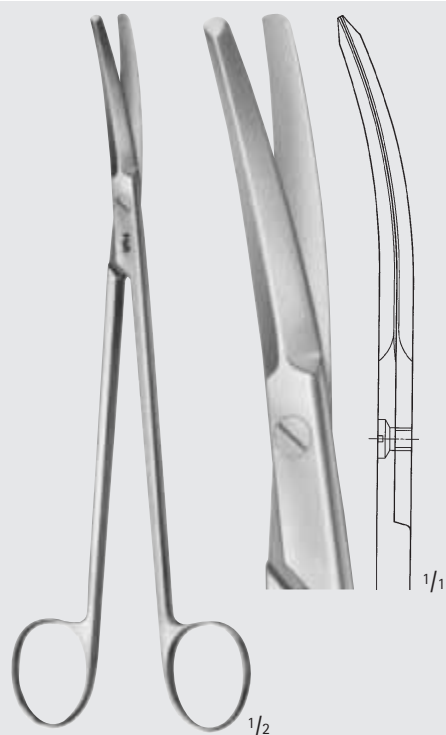
190 mm, 7 1/2"



THOREK

BC636R

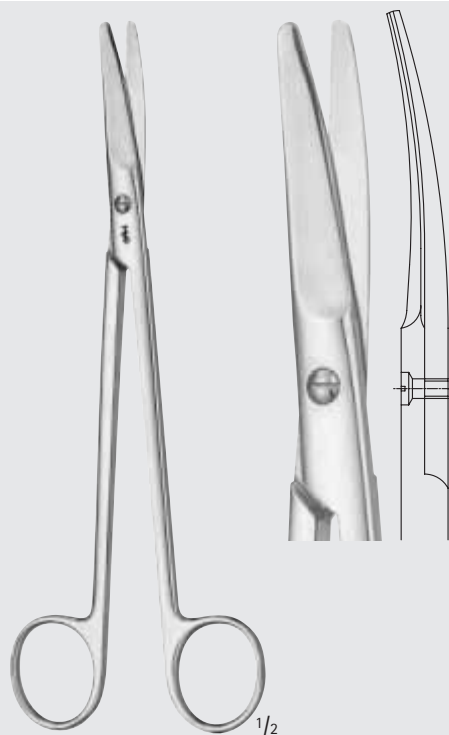
180 mm, 7"



POTTS-SMITH

BC643R

190 mm, 7 1/2"



COOLEY

BC597R

190 mm, 7 1/2"

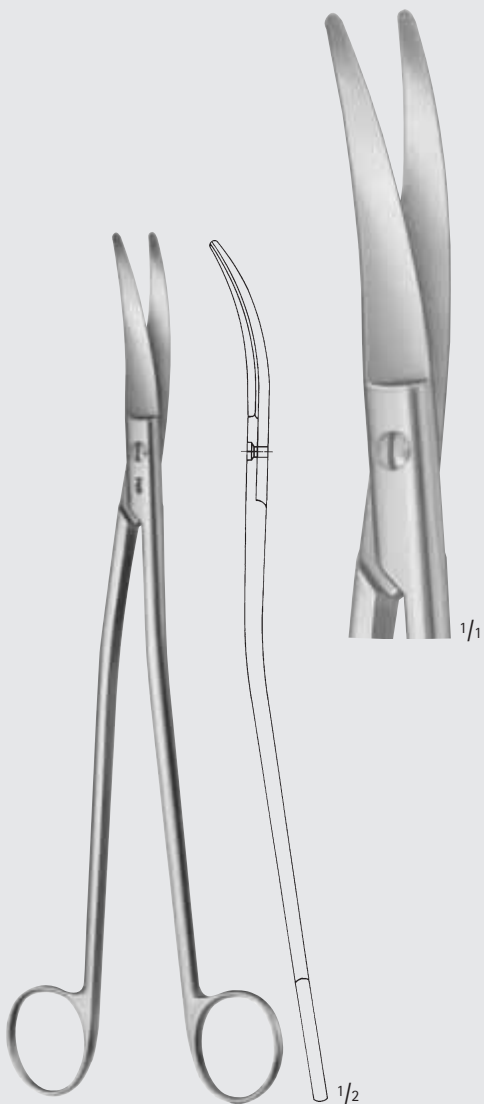
BC



Scheren – Scissors

Scheren für Gefäßchirurgie
Scissors for Vascular Surgery

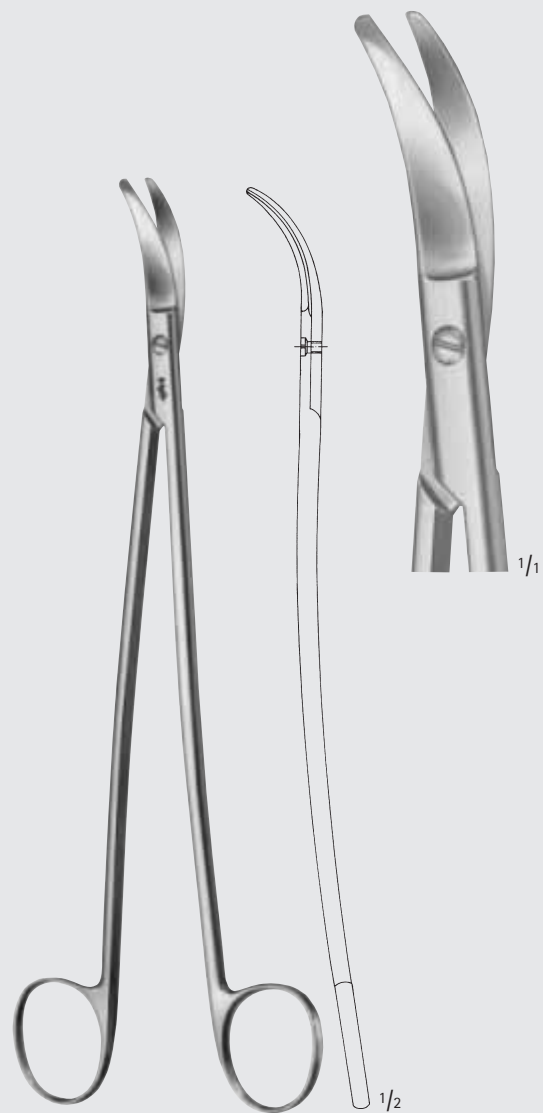
BC



KLINKENBERG-LOTH

BC640R

230 mm, 9"



SATINSKY

BC641R

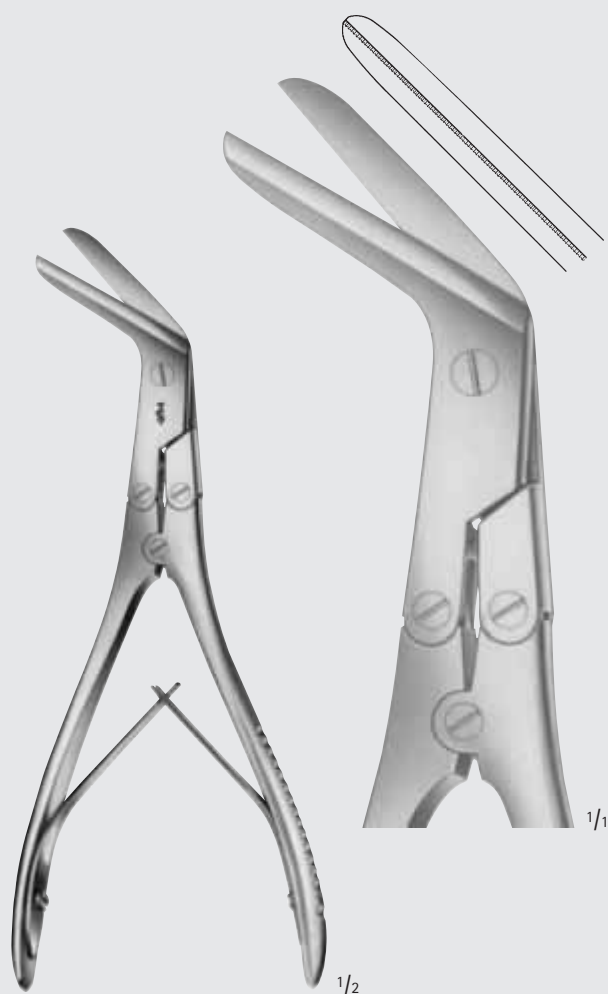
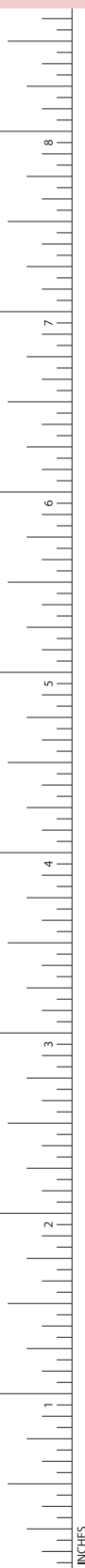
245 mm, 9 3/4"



MILLIMETERS

Scheren – Scissors
Knochenscheren
Bone Shears

BC



KILLIAN

OP130R

200 mm, 8"



MÜHLING

FO216R

210 mm, 8 1/4"



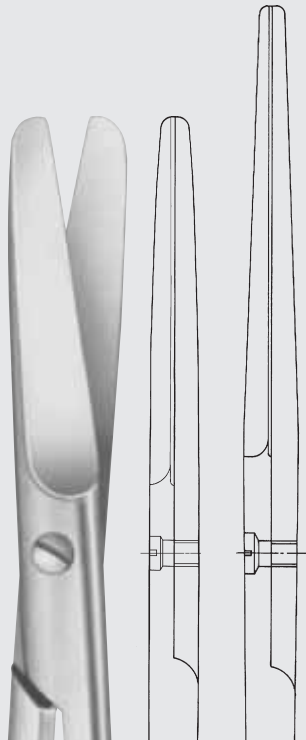
Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie
Scissors for Deep Operations and for Gynecology

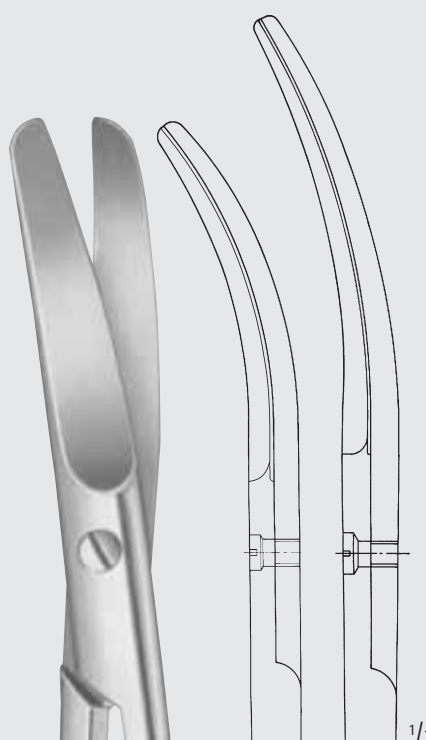


SIMS

BC721R-BC743R



BC721R	BC723R
200 mm	230 mm
8"	9"

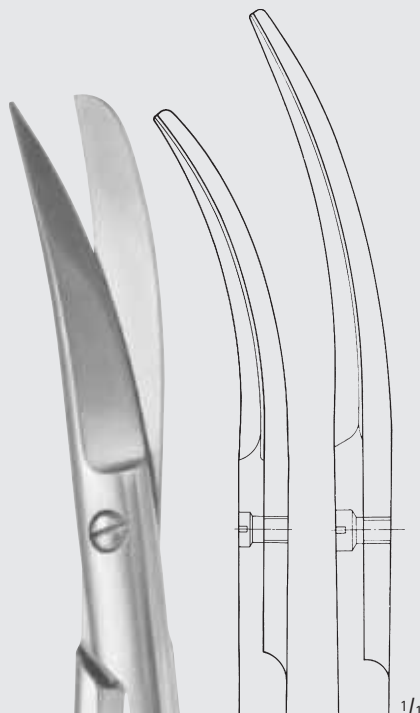


BC741R	BC743R
200 mm	230 mm
8"	9"



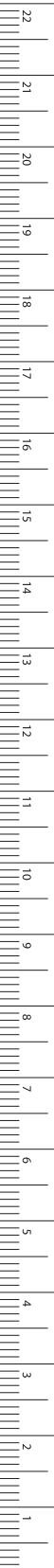
SIMS

BC746R-BC748R



BC746R	BC748R
200 mm	230 mm
8"	9"

BC



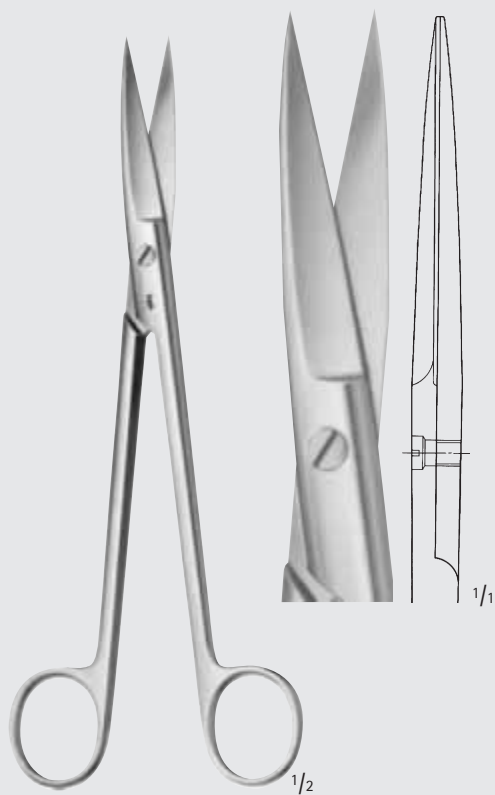
MILLIMETERS

Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie

Scissors for Deep Operations and for Gynecology

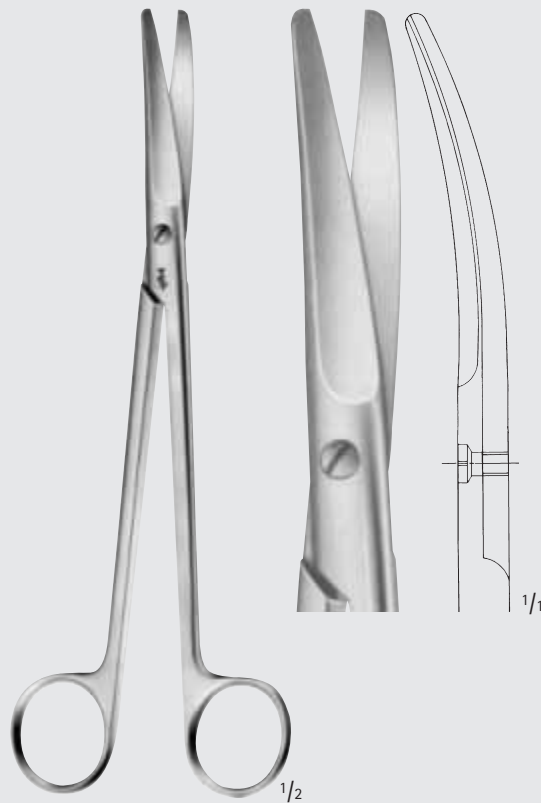
BC



SIMS

BC731R

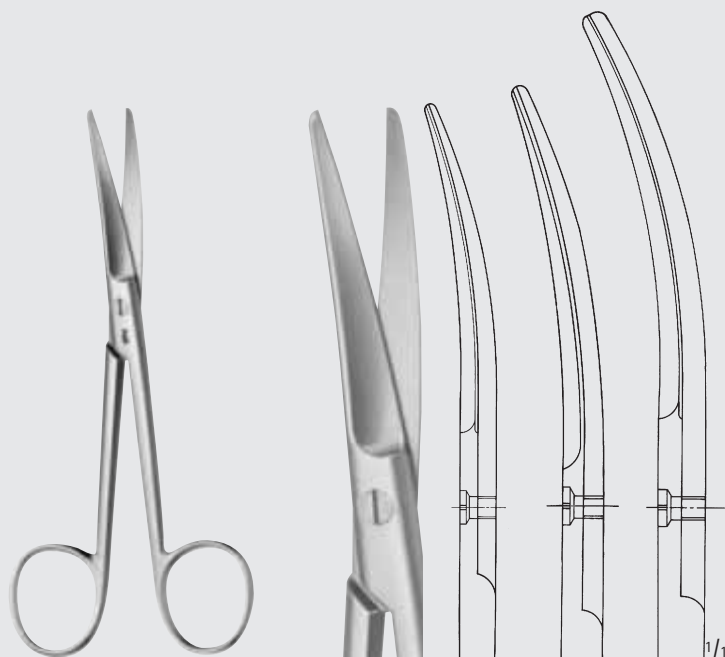
200 mm, 8"



SIMS

BC708R

210 mm, 8 1/4"



WERTHEIM

BC702R-BC704R

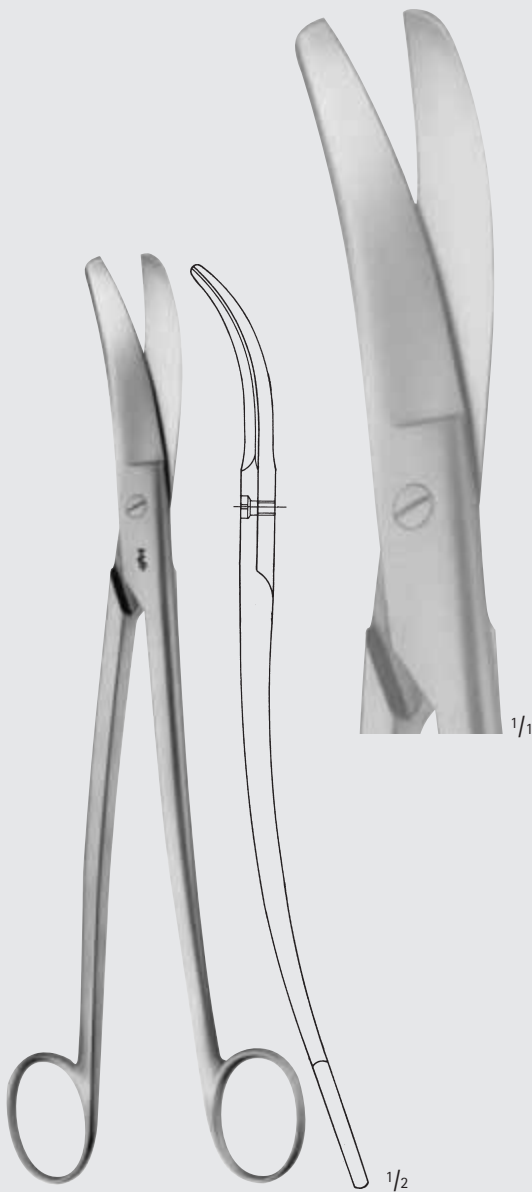
BC702R	BC703R	BC704R
145 mm	200 mm	230 mm
5 3/4"	8"	9"



Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie
Scissors for Deep Operations and for Gynecology

BC



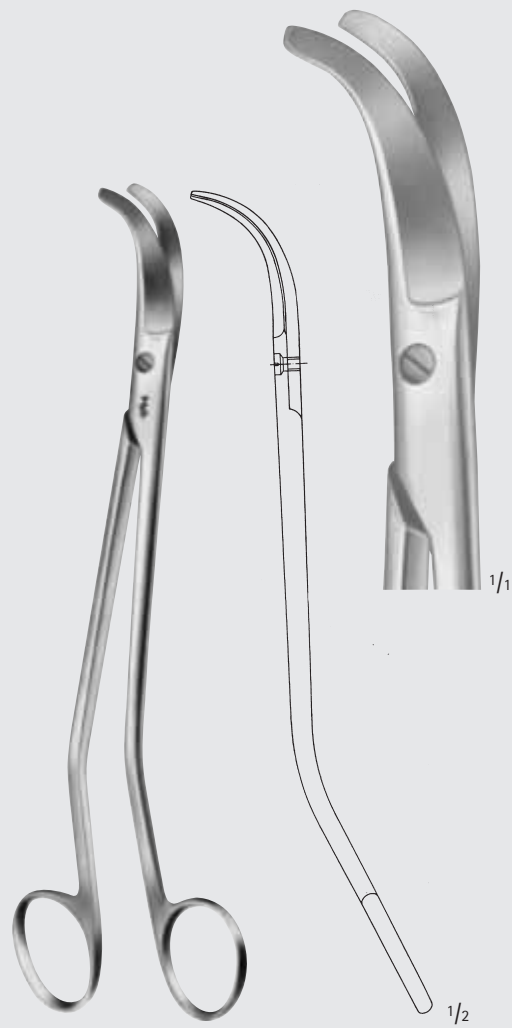
SIEBOLD

BC760R

Uterusschere

Uterine scissors

245 mm, 9 ³/₄"



BOZEMANN

BC761R

Uterusschere

Uterine scissors

220 mm, 8 ³/₄"

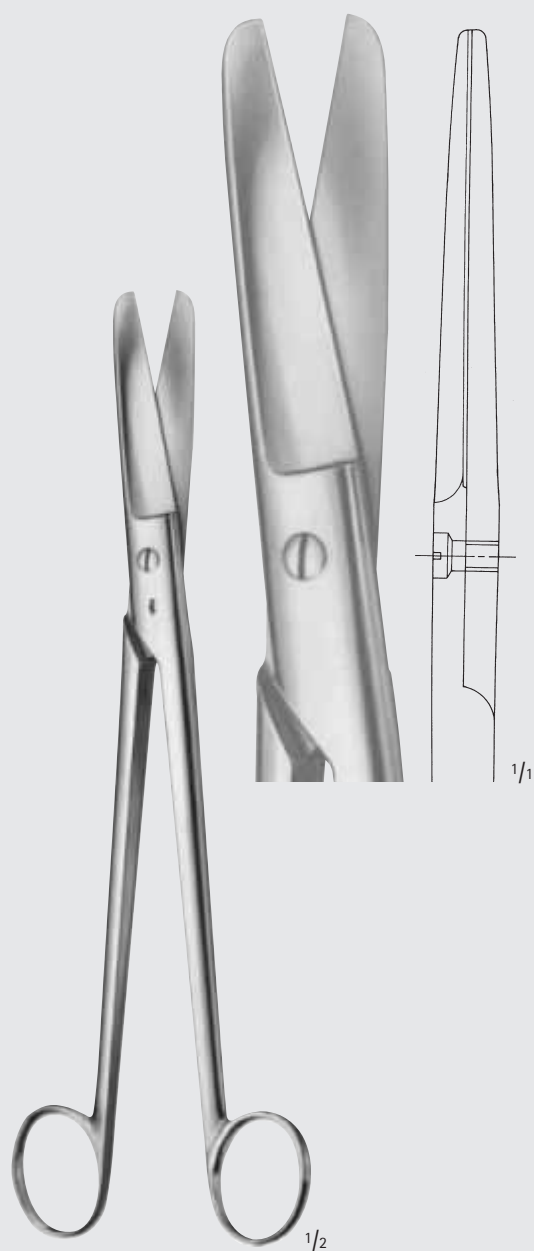


MILLIMETERS

Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie

Scissors for Deep Operations and for Gynecology



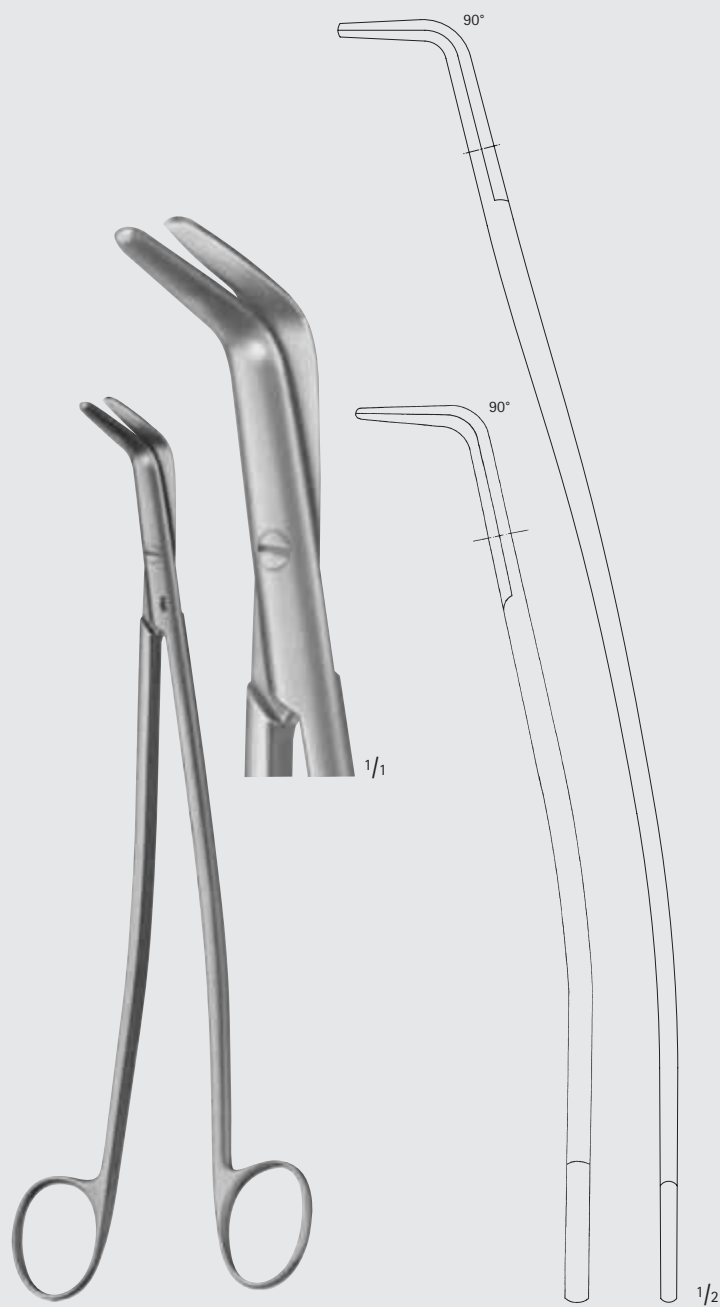
SIMS-SIEBOLD

BC762R

Uterusschere

Uterine scissors

250 mm, 10"



KIEBACK

BC763R-BC765R

Parametriumscheren

Parametrium scissors

BC763R

240 mm

9 1/2"

BC765R

350 mm

14"



Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie
Scissors for Deep Operations and for Gynecology

BC



BC764R	BC766R
260 mm	350 mm
10 1/4"	9 1/2"

KIEBACK

BC764R-BC766R

Parametriumscheren, seitwärts gebogen, 1 Blatt mit Knopfspitze
Parametrium scissors, curved to side, with 1 probe pointed blade



MILLIMETERS

Scheren – Scissors

Chirurgische Scheren, kräftige Modelle

Surgical Scissors, Heavy Patterns



BC771R

Bauchdeckenschere

Abdominal scissors

160 mm, 6 1/4"



BC774R

Bauchdeckenschere

Abdominal scissors

180 mm, 7"



BC772R-BC776R

Bauchdeckenscheren

Abdominal scissors

BC772R

160 mm

6 1/4"

BC776R

180 mm

7"

BC



Scheren – Scissors

Scheren für Geburtshilfe
Scissors for Obstetrics

BC



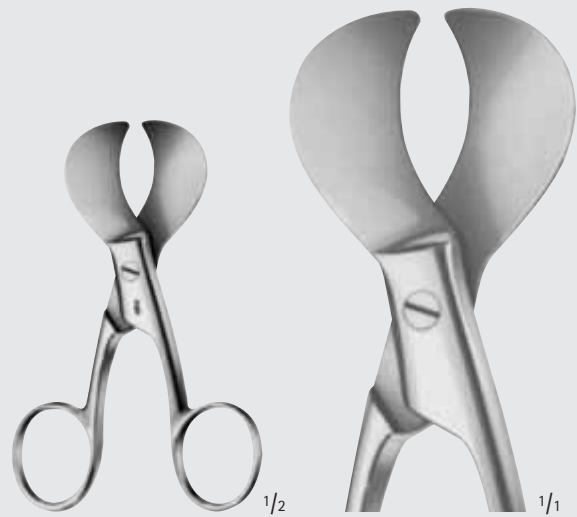
SCHUHMACHER

ET150R

Nabelschnurschere

Umbilical cord scissors

155 mm, 6"

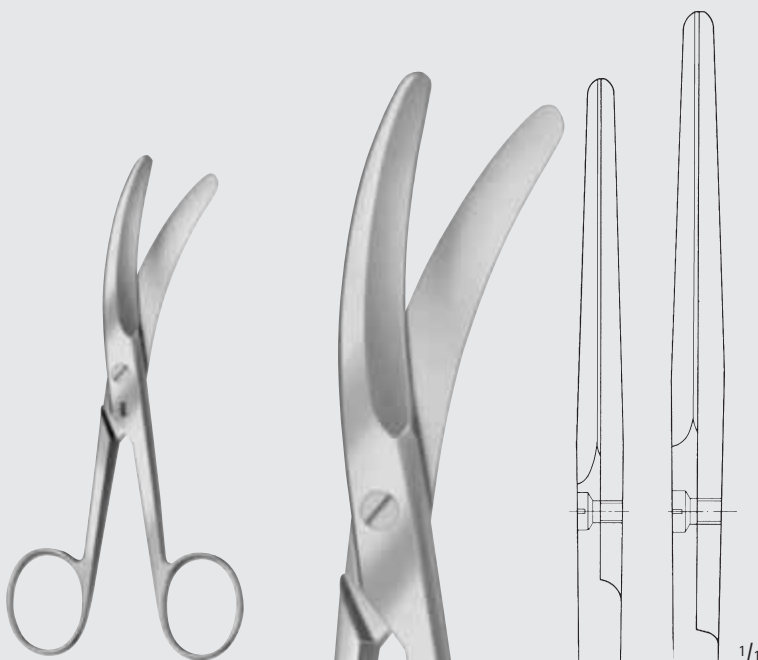


ET152R

Nabelschnurschere

Umbilical cord scissors

105 mm, 4 1/8"



BC796R-BC797R

Nabelschnurscheren

Umbilical cord scissors

BC796R

135 mm

5 1/4"

BC797R

160 mm

6 1/4"



MILLIMETERS

Scheren – Scissors

Scheren für Geburtshilfe
Scissors for Obstetrics

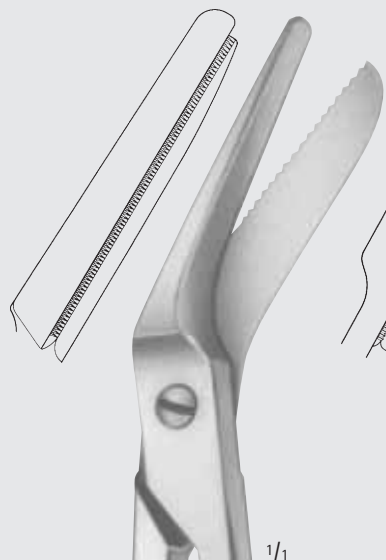


BRAUN-STADLER

ET140R-ET141R

Dammscheren

Episiotomy scissors

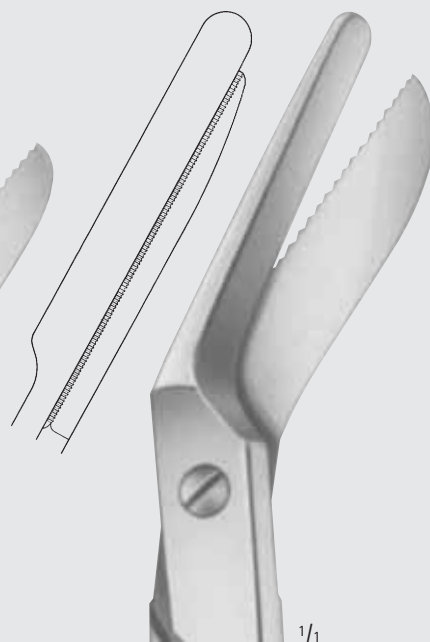


1/1

ET140R

145 mm

5 3/4"



1/1

ET141R

200 mm

8"



1/2



1/1

ET142R

Dammschere

Episiotomy scissors

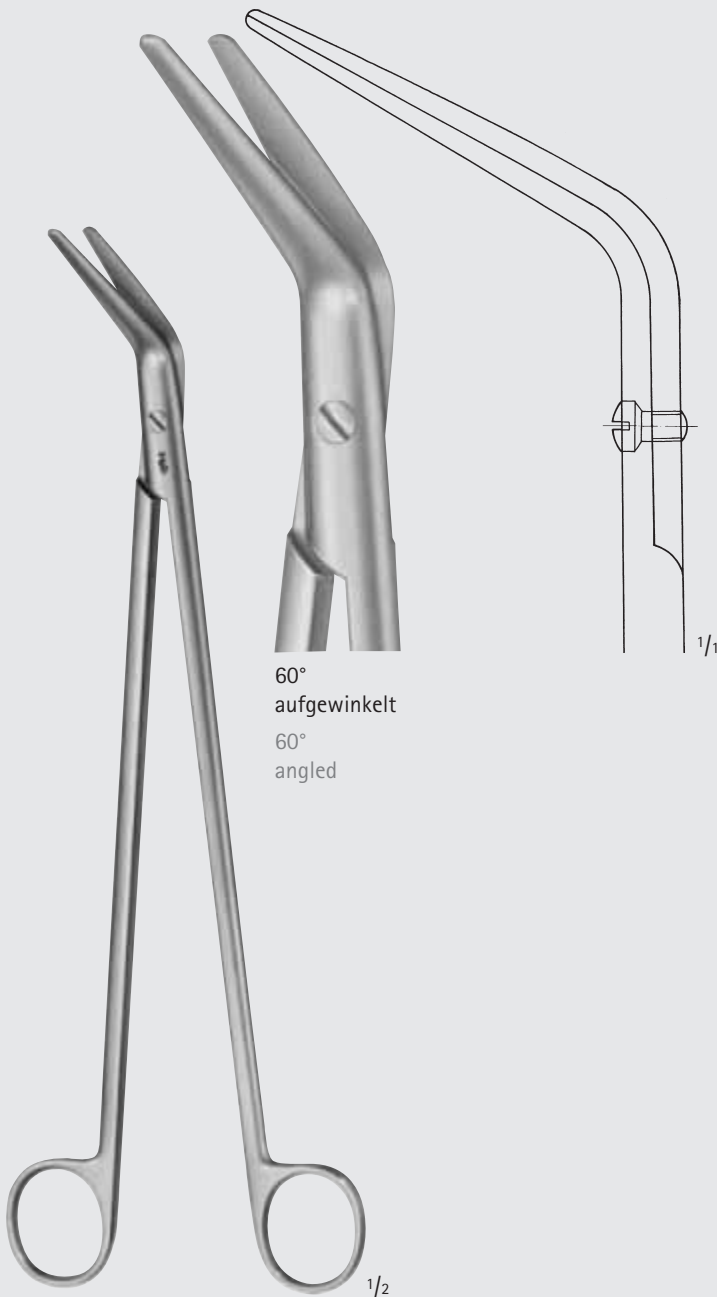
240 mm, 9 1/2"



Scheren – Scissors

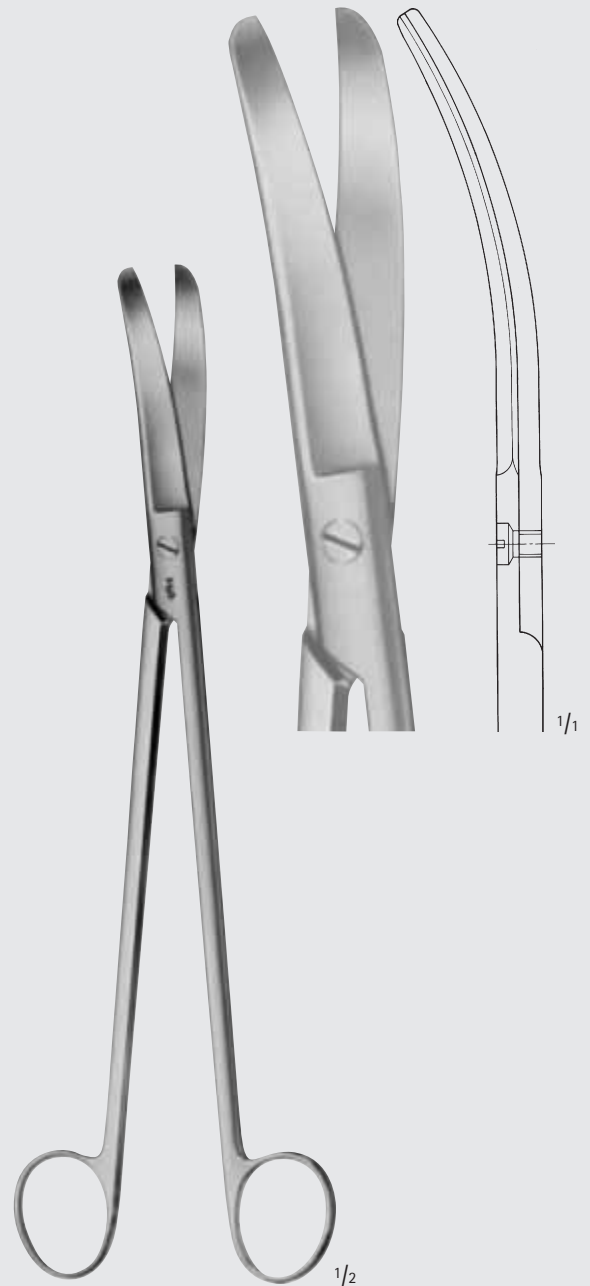
Darmscheren, Rektumschere
Bowel Scissors, Rectal Scissors

BC



BC624R

Präparierschere
zum Durchtrennen des Darms nach
erfolgter Naht mit einem Naht-Gerät
Dissecting scissors
for cutting of the bowel after
suturing with suture device
280 mm, 11"



LLOYD-DAVIES (GOLIGHER'S)

BC621R

Rektumschere
Rectal scissors
270 mm, 10 ³/₄"



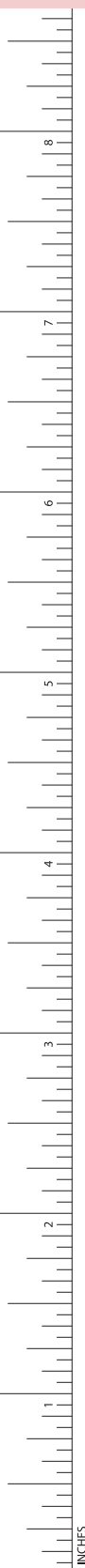
MILLIMETERS

Scheren – Scissors

Rektumscheren

Rectal Scissors

BC



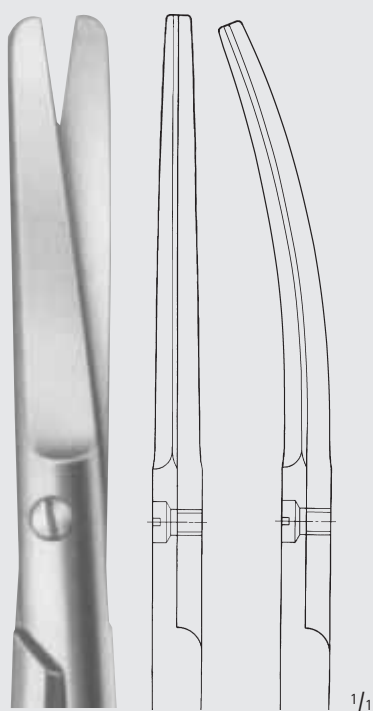
STELZNER

BC622R-BC623R

Rektumscheren

Rectal scissors

310 mm, 12 $\frac{3}{8}$ "



BC622R

BC623R

1/1

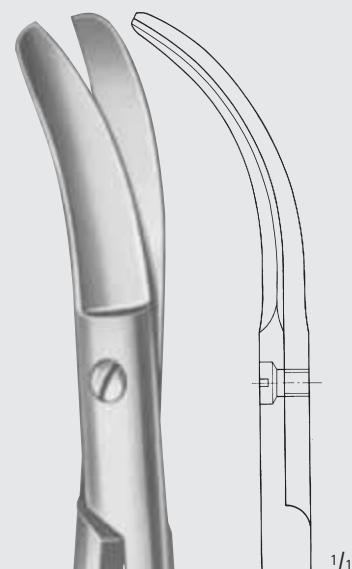


BC617R

Rektumschere

Rectal scissors

325 mm, 13"

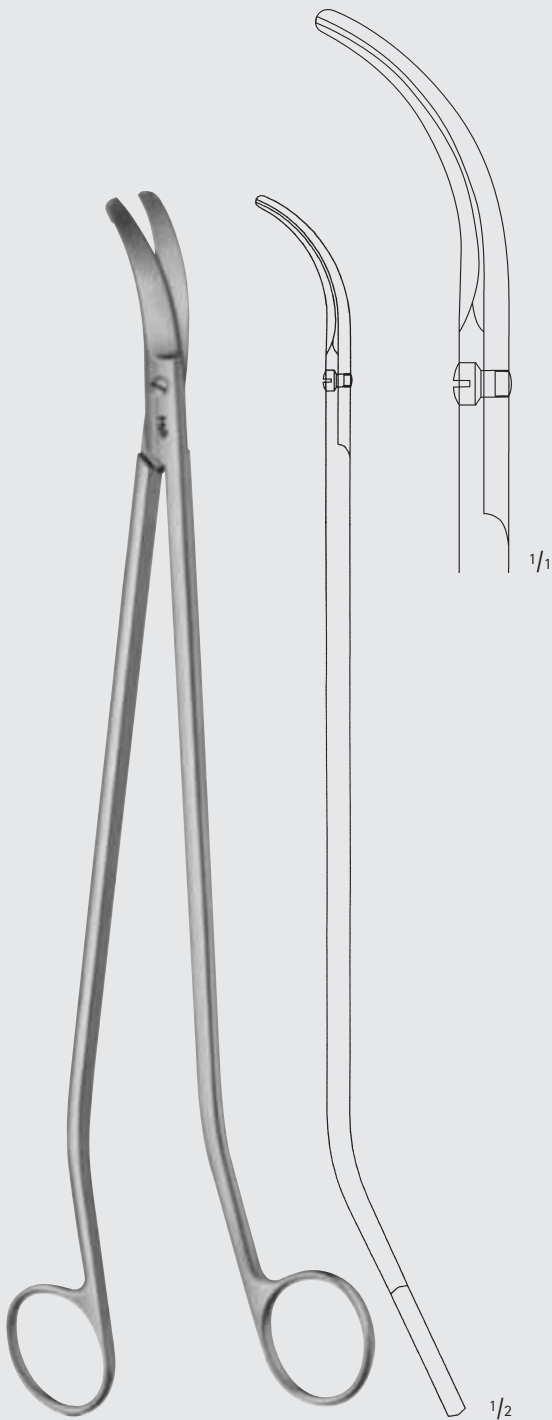


1/1



Scheren – Scissors
Rektumschere
Rectal Scissors

BC



MÜLLER

BC627R

S-förmig

S-shaped

325 mm, 13"



MILLIMETERS

Scheren – Scissors
 Ligaturscheren
 Ligature Scissors

BC



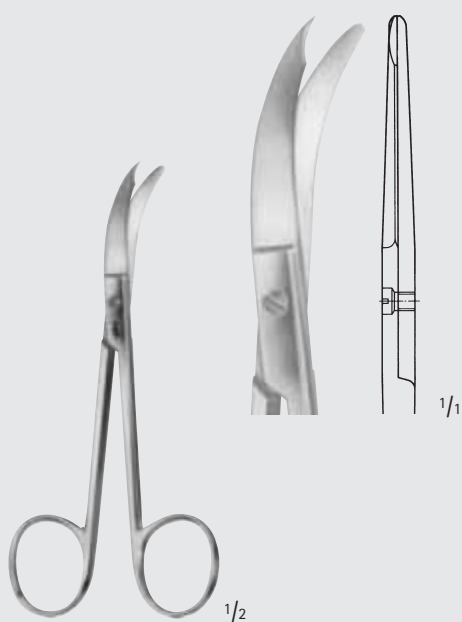
SPENCER

BC801R-BC802R



BC803R

135 mm, 5 1/4"



NORTHBENT

BC805R

120 mm, 4 3/4"



Scheren – Scissors

Draht- und Blehscheren
Wire Cutting Scissors

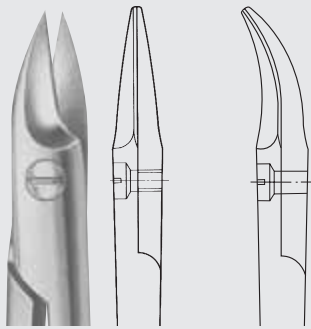
BC



BEEBE

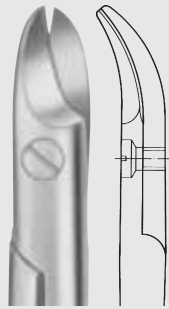
DP560R-DP569R

110 mm, 4 3/8"



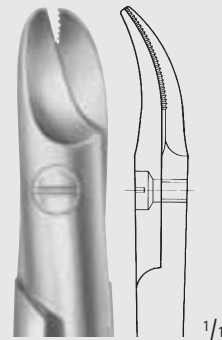
DP560R

DP561R



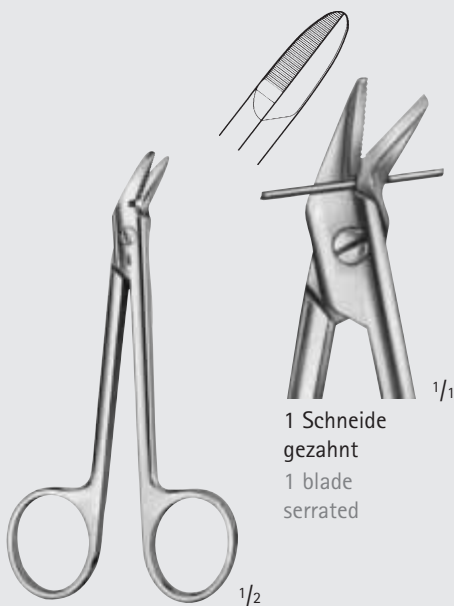
DP563R

breite Blätter
broad blades



DP569R

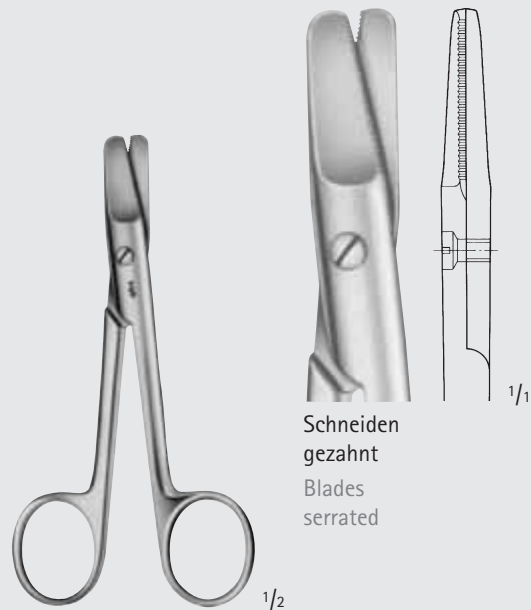
1 Schneide gezahnt
1 blade serrated



1 Schneide
gezahnt
1 blade
serrated

DP551R

120 mm, 4 3/4"



Schneiden
gezahnt
Blades
serrated

HARVEY

BC815R

125 mm, 5"

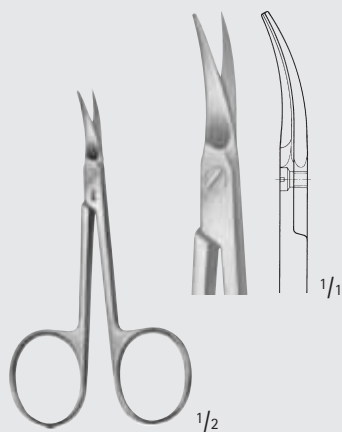


MILLIMETERS

Scheren – Scissors

Nagelscheren

Nail Scissors

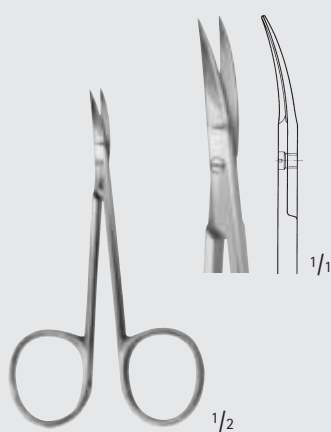


HF400R

Nagelschere

Nail scissors

90 mm, 3 1/2"



HF409R

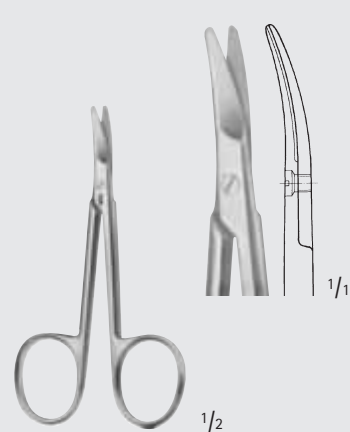
Nagelschere,

extra feines Modell

Nail scissors,

especially delicate pattern

90 mm, 3 1/2"

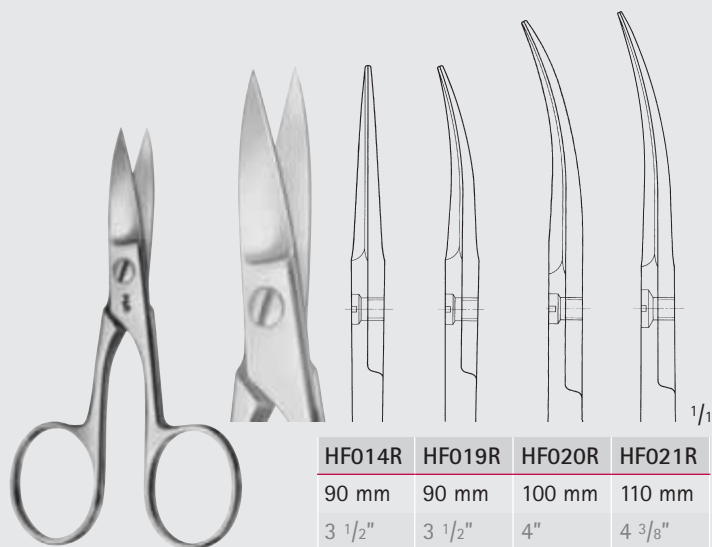


HF032R

Baby-Nagelschere

Baby nail scissors

85 mm, 3 1/8"

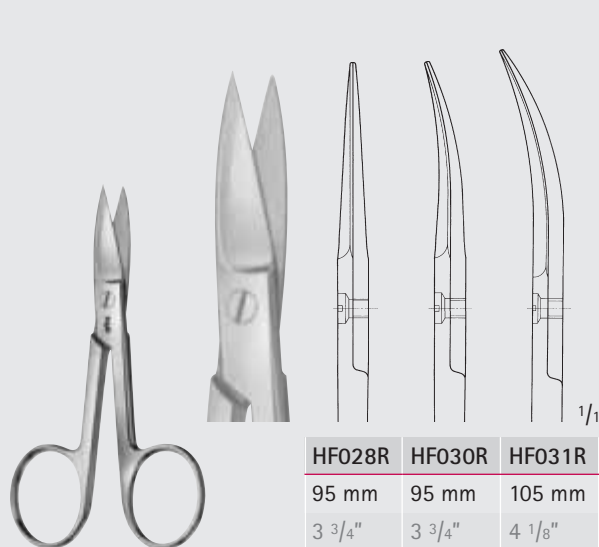


HF014R	HF019R	HF020R	HF021R
90 mm	90 mm	100 mm	110 mm
3 1/2"	3 1/2"	4"	4 3/8"

HF014R-HF021R

Nagelscheren

Nail scissors



HF028R-HF031R

Nagelscheren

Nail scissors

BC

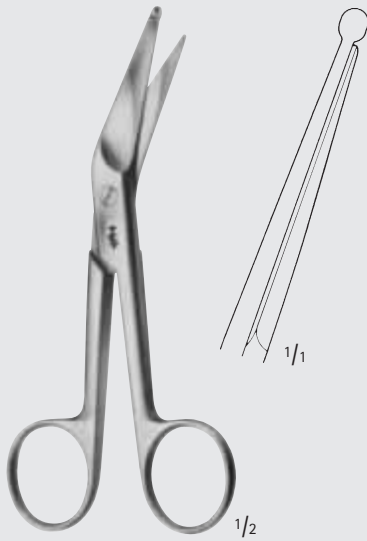


Scheren – Scissors

Verbandstoff- und Verbandscheren

Bandage Scissors

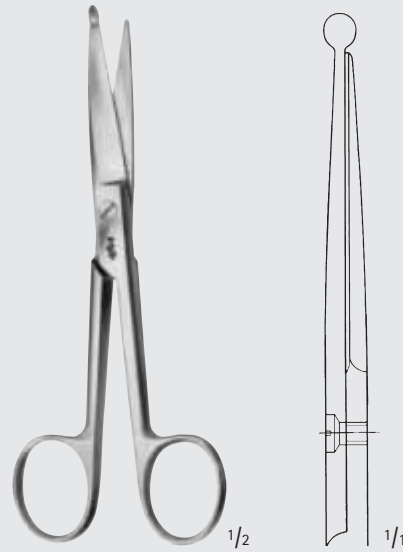
BC



KNOWLES

BC847R

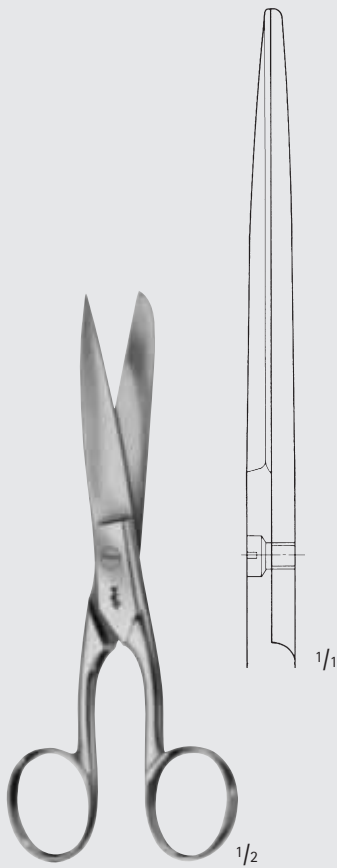
140 mm, 5 1/2"



KNOWLES

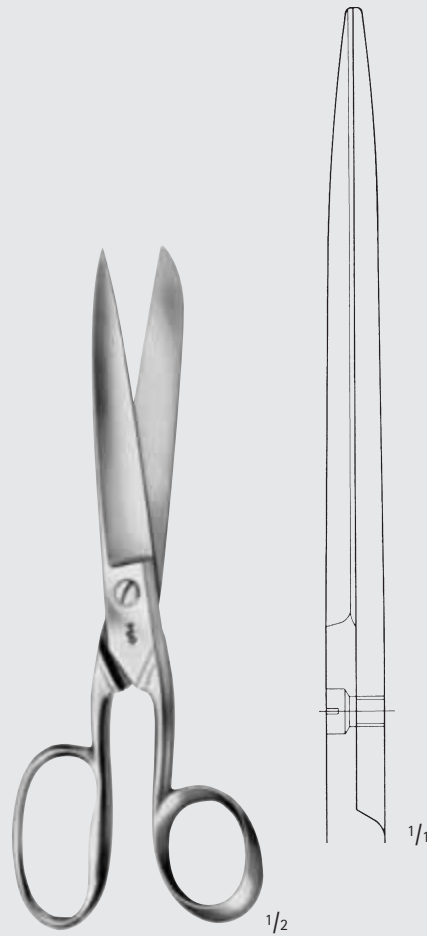
BC846R

145 mm, 5 3/4"



BC835R

150 mm, 6"



SMITH

BC838R

180 mm, 7"



MILLIMETERS

Scheren – Scissors

Verband- und Kleiderscheren

Bandage- and Cloth Scissors



1/2

LISTER

BC885R-BC979R

BC885R	schwarz	black	BC975R	orange	orange
BC970R	rot	red	BC977R	pink	pink
BC971R	blau	blue	BC978R	hellgrün	light green
BC973R	gelb	yellow	BC979R	violett	violet

Universal Verband- und Kleiderstoffscherer, mit gezahnten Schneiden, autoklavierbar bis 143 °C (3 bar)

Universal bandage- and cloth scissors, with toothed edges, autoclavable up to 143 °C (3 bar)

145 mm, 5 3/4"



2/3

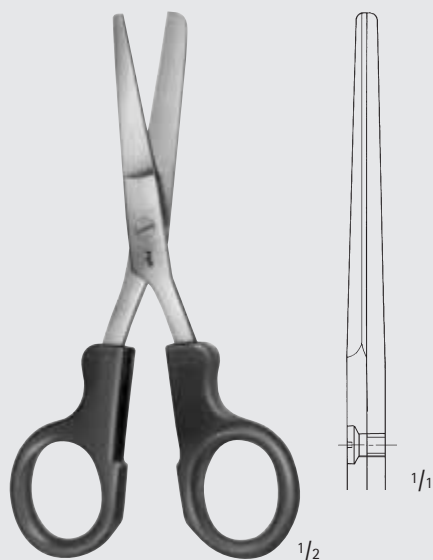
BC881R-BC989R

BC881R	schwarz	black	BC985R	orange	orange
BC980R	rot	red	BC987R	pink	pink
BC981R	blau	blue	BC988R	hellgrün	light green
BC983R	gelb	yellow	BC989R	violett	violet

Universal Verband- und Kleiderstoffscherer, mit gezahnten Schneiden, autoklavierbar bis 143 °C (3 bar)

Universal bandage- and cloth scissors, with toothed edges, autoclavable up to 143 °C (3 bar)

180 mm, 7"



1/2

BC890R

Schwesternschere, autoklavierbar bis 143°C (3 bar)

Nurse's scissors, autoclavable up to 143°C (3 bar)

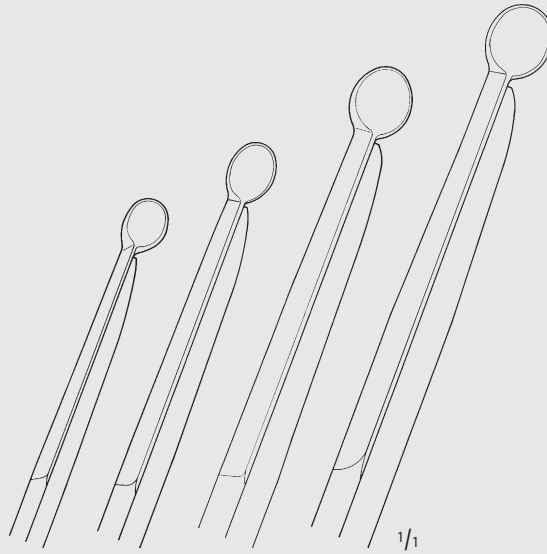
145 mm, 5 3/4"



Scheren – Scissors

Verband- und Kleiderscheren
Bandage- and Cloth Scissors

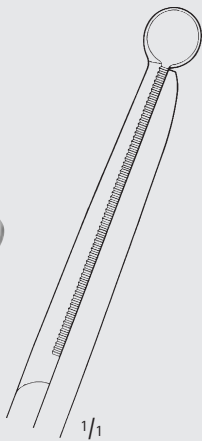
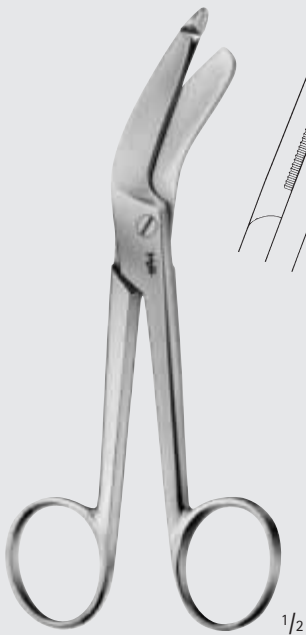
BC



BC860R	BC861R	BC862R	BC863R
115 mm	140 mm	180 mm	200 mm
4 1/2"	5 1/2"	7"	8"

LISTER

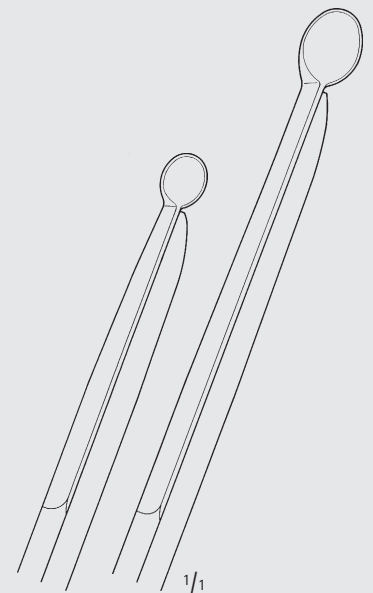
BC860R-BC860R



LISTER

BC876R

160 mm, 6 1/4"



BC848R	BC849R
155 mm	180 mm
6"	7"

LISTER

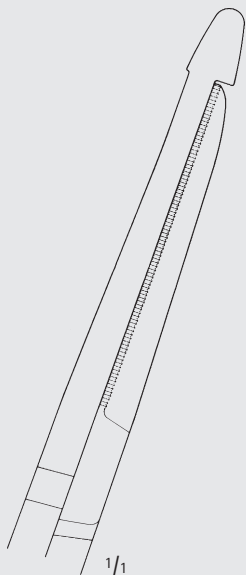
BC848R-BC849R



MILLIMETERS

Scheren – Scissors

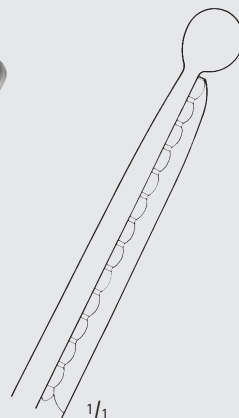
Verbands-, Kleider- und Gipsscheren
Bandage-, Cloth- and Plaster Scissors



BC888R

Kleiderschere
Cloth scissors
205 mm, 8"

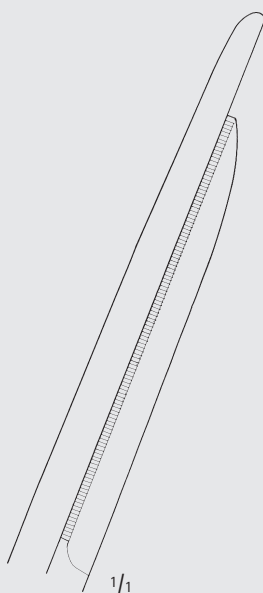
1/2



LX548R

für kleine Gipsverbände
for small plaster dressings
160 mm, 6 1/4"

1/2



SEUTIN

LX565R

230 mm, 9"

1/2

INCHES

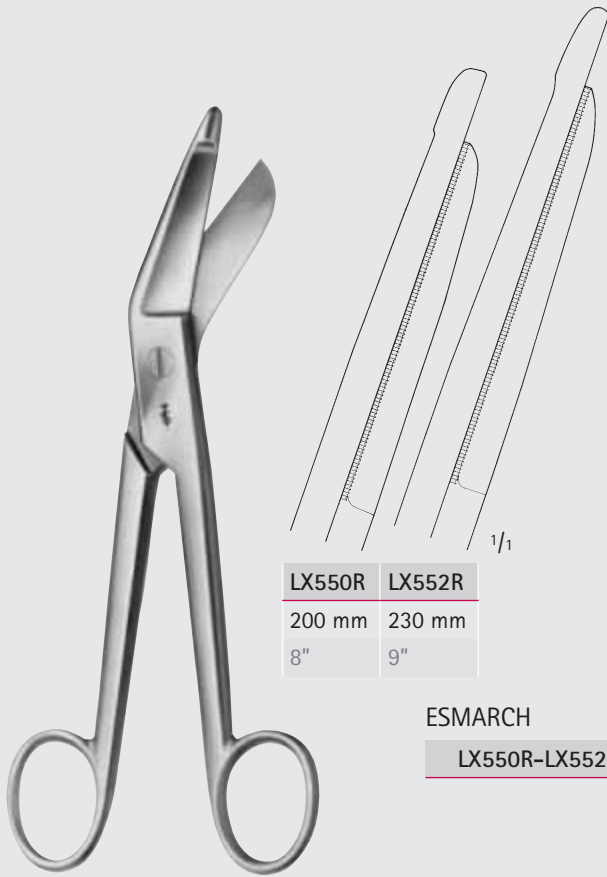


Scheren – Scissors

Gipsscheren

Plaster Scissors

BC



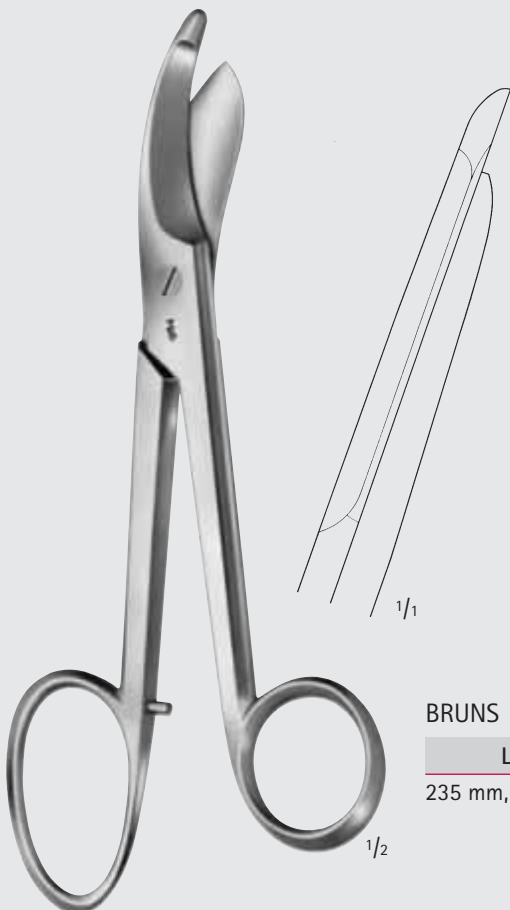
LX550R	LX552R
200 mm	230 mm
8"	9"

ESMARCH

LX550R–LX552R

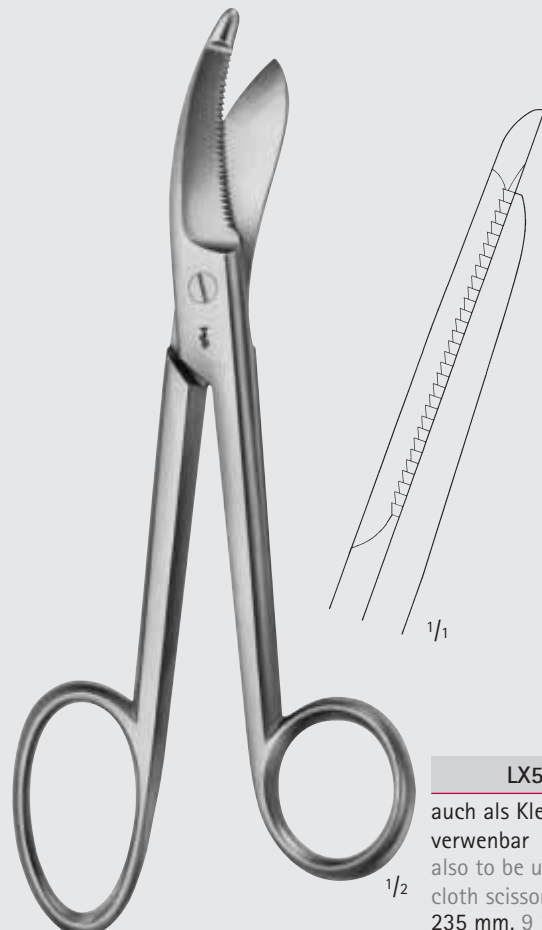


LX553R



BRUNS

LX556R
235 mm, 9 1/4"

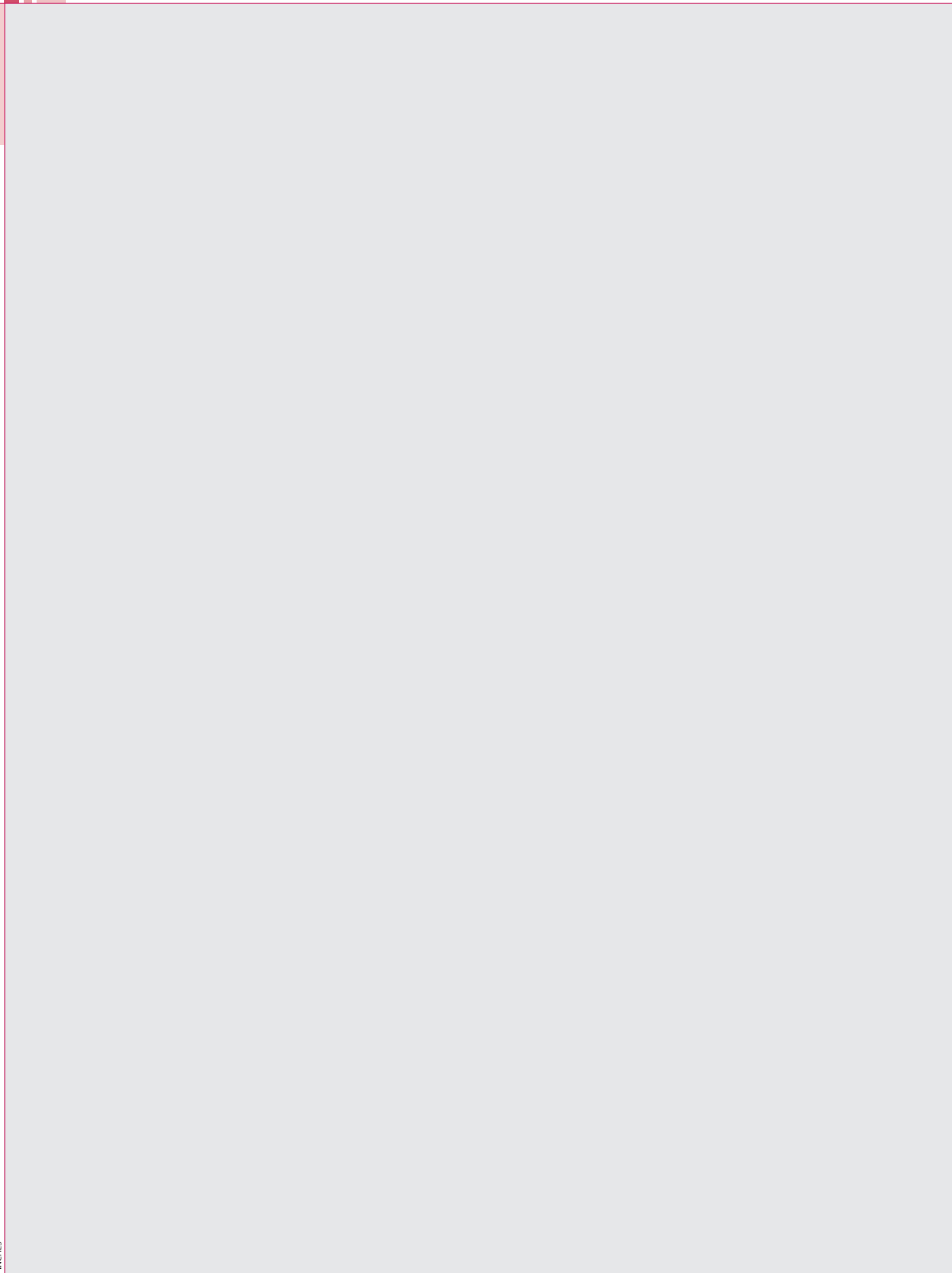
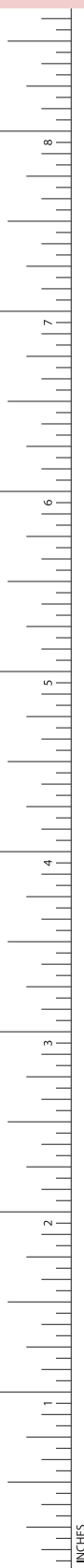


LX558R

auch als Kleiderschere
verwendbar
also to be used as
cloth scissors
235 mm, 9 1/4"



MILLIMETERS





BD



Pinzetten

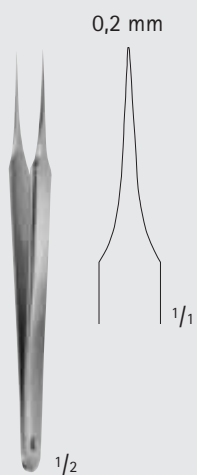
Dissecting- and Tissue Forceps

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten, Uhrmacher Modelle

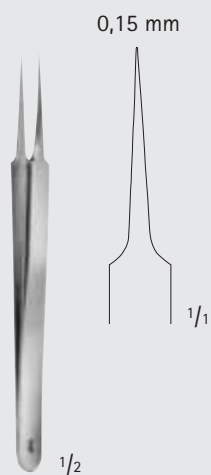
Micro Forceps, Jeweler Patterns

BD



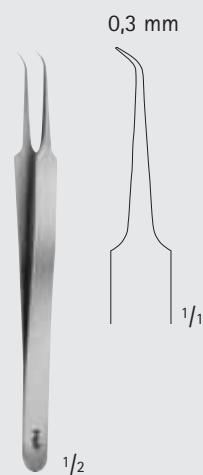
BD330R

110 mm, 4 3/8"



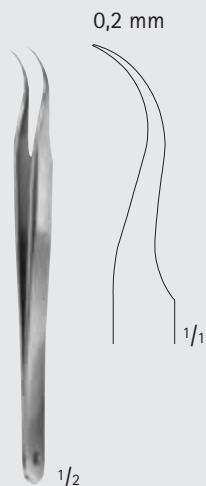
BD331R

110 mm, 4 3/8"



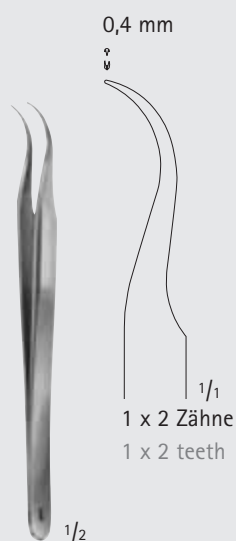
BD329R

110 mm, 4 3/8"



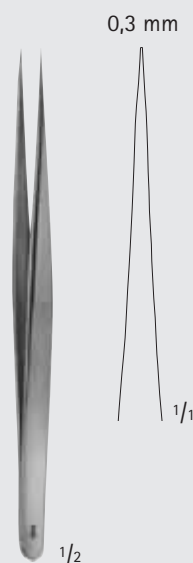
BD333R

115 mm, 4 1/2"



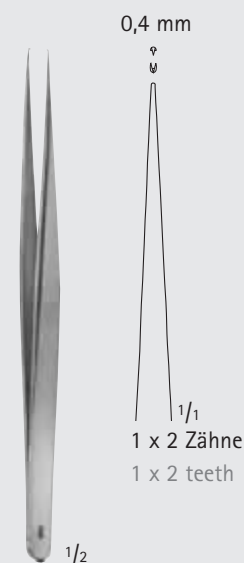
BD343R

115 mm, 4 1/2"



BD335R

135 mm, 5 1/4"



BD345R

135 mm, 5 1/4"

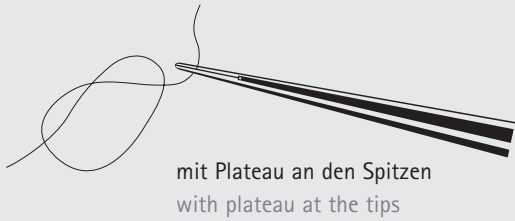


Pinzetten – Dissecting- and Tissue Forceps

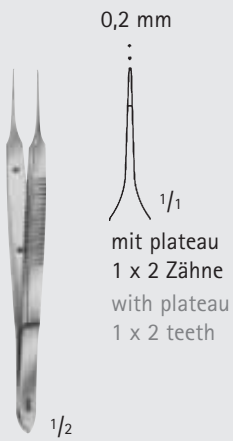
Mikro-Knüpfpinzetten

Mico Suture Tying Forceps

BD



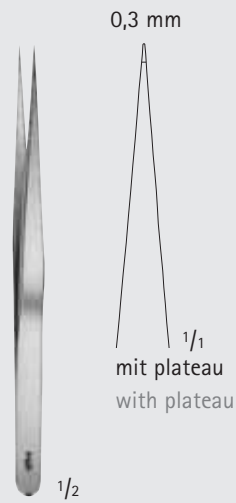
mit Plateau an den Spitzen
with plateau at the tips



BONNER MODELL

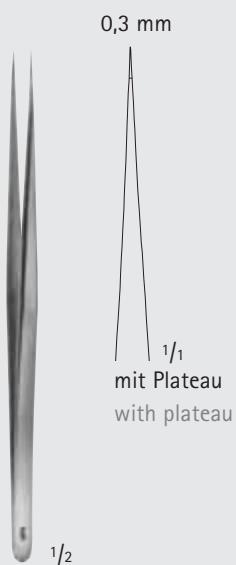
BD505R

95 mm, 3 ³/₄"



BD338R

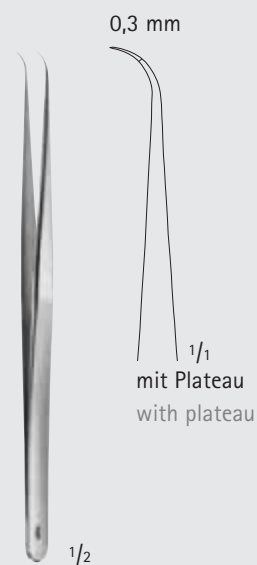
120 mm, 4 ³/₄"



WISE

BD336R

135 mm, 5 ¹/₄"



WISE

BD337R

135 mm, 5 ¹/₄"



MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Knüpfpinzetten

Mico Suture Tying Forceps

BD

0,5 mm



1/1

1/2

LAZAR

BD260R

155 mm, 6"

0,8 mm



1/1

1/2

LAZAR

BD261R

155 mm, 6"

0,5 mm



1/1

mit Plateau
with plateau

1/2

BD264R

185 mm, 7 1/4"

0,8 mm



1/1

mit Plateau
with plateau

1/2

AUSTIN

BD340R

140 mm, 5 1/2"



Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit leichtem Kunststoffgriffprofil

Micro Forceps with Lightweight Plastic Handle



Das MÜLLER Mikro-Instrumentarium

Ein neues, hochwertiges Set für die periphere Mikrochirurgie. Zahlreiche praxisbewährte Details führen zu mehr Effektivität und Sicherheit.

■ Unverkrampte Haltung = mehr Feingefühl

Das leichte Kunststoffprofil vergrößert die Griffoberfläche, gewährleistet dadurch eine unverkrampte Handhaltung und verleiht mehr Feingefühl.

■ Leichteres Drehen = erweiterter Arbeitsbereich

Der runde Griffquerschnitt ermöglicht leichtes, gleichmäßiges Drehen des Instrumentes. Verwendungs- bzw. Arbeitsbereich wird dadurch erweitert.

■ Sicherer Halt

Das griffige Noppenprofil gewährleistet einen durchweg sicheren Halt bei sämtlichen Bewegungsabläufen.

■ Optimales Handling

Eine Entwicklung nach ergonomischen Gesichtspunkten, verbunden mit dem geringen Gewicht der neuen Kunststoffgriffe schaffen die Voraussetzung zu ermüdungsfreiem Arbeiten und optimalem Handling.

The MÜLLER Micro instrument system

A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

■ Natural holding position = increased sensitivity

The light plastic profile increases the grip surface, thus guaranteeing a natural hand position without cramping and providing enhanced sensitivity.

■ Easier rotation = extended working area

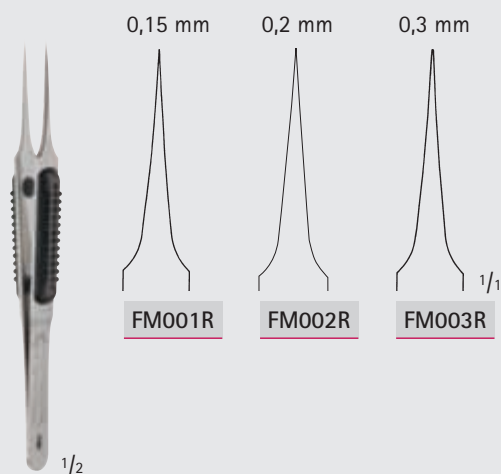
The round grip cross section permits easy and uniform rotation of the instrument. This extends the application and working areas.

■ Safe grip

The easy grip studded profile guarantees a secure hold for all movements.

■ Optimum handling

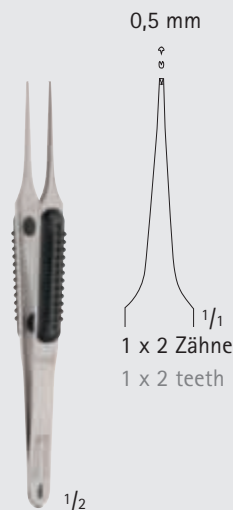
Development in accordance with ergonomic criteria and the low weight of the new plastic grips provide fatiguefree working and optimum handling.



MÜLLER

FM001R-FM003R

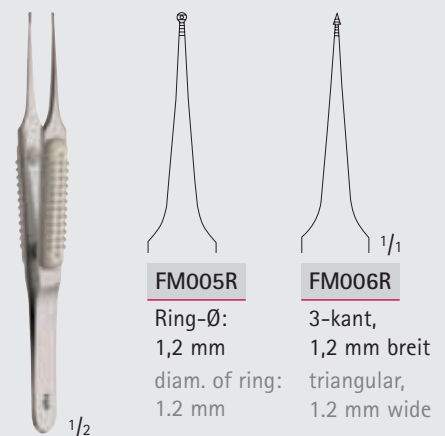
110 mm, 4 3/8"



MÜLLER

FM004R

110 mm, 4 3/8"

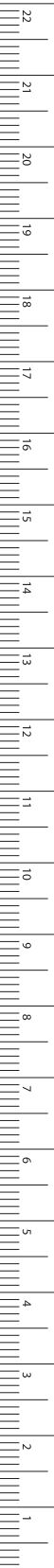


MÜLLER

FM005R-FM006R

110 mm, 4 3/8"

BD



MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit leichtem Kunststoffgriffprofil

Micro Forceps with Lightweight Plastic Handle

BD



0,3 mm



FM033R

0,4 mm



FM036R

mit Plateau
with plateau

1/2

MÜLLER

FM033R-FM036R

160 mm, 6 1/4"

0,5 mm



1/1

1 x 2 Zähne

1 x 2 teeth



1/2

MÜLLER

FM034R

160 mm, 6 1/4"



1/1

Ring-Ø

1,2 mm

diam. of ring

1.2 mm

1/2

MÜLLER

FM035R

160 mm, 6 1/4"



Pinzetten – Dissecting- and Tissue Forceps

Mikro-Knüpfpinzetten mit Rundgriffen

Micro Suture Tying Forceps with Round Handle

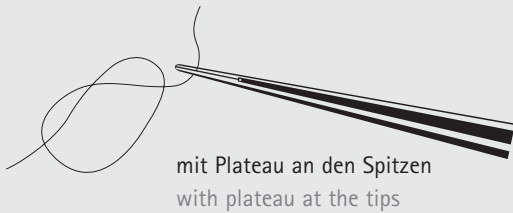


... mit Rundgriffen

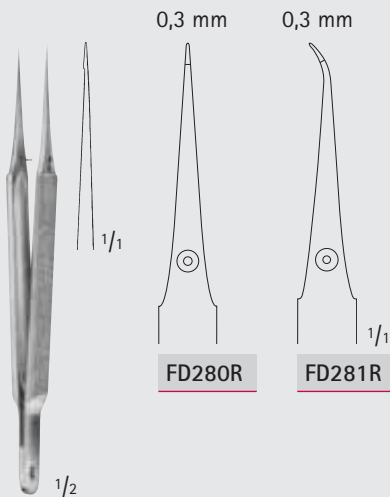
- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles

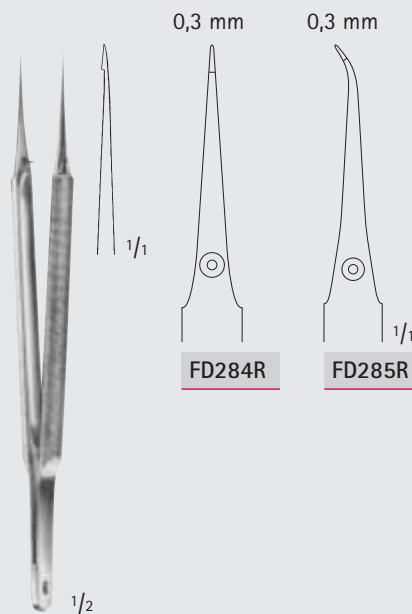
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.



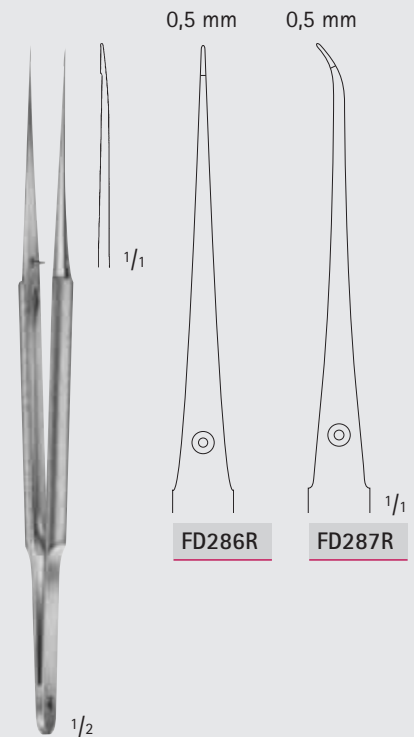
mit Plateau an den Spitzen
with plateau at the tips



FD280R-FD281R
120 mm, 4 ³/₄"

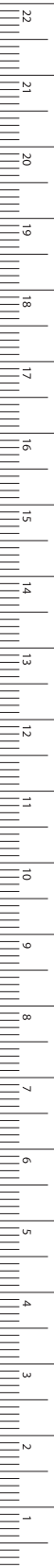


FD284R-FD285R
150 mm, 6"



FD286R-FD287R
180 mm, 7"

BD



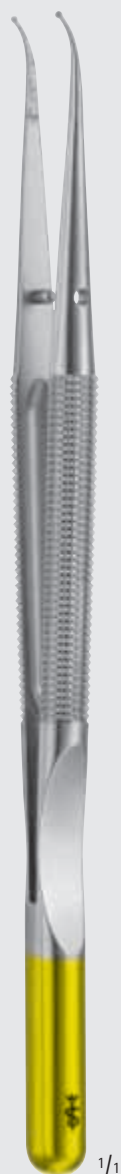
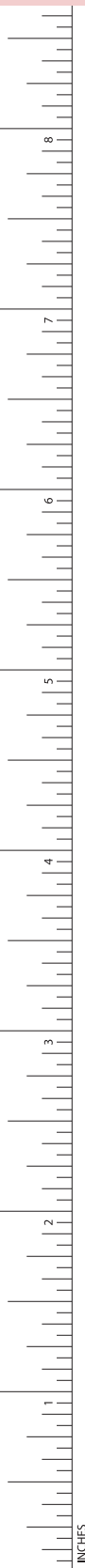
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

BD



150 mm, 6" $\frac{1}{1}$



185 mm, 7 $\frac{1}{4}$ " $\frac{1}{1}$



210 mm, 8 $\frac{1}{4}$ " $\frac{1}{1}$



230 mm, 9" $\frac{1}{1}$



250 mm, 10" $\frac{1}{1}$

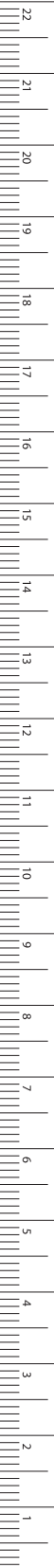


Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

BD



MILLIMETERS

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform
Jaw

Ring-Ø:
1 mm,
gerade
diam. of ring:
1 mm,
straight



Ring-Ø:
1 mm,
gebogen
diam. of ring:
1 mm,
curved



Ring-Ø:
2 mm,
gerade
diam. of ring:
2 mm,
straight



Fadenplatte,
gerade
Platform tips,
straight



Fadenplatte,
gebogen
Platform tips,
curved



1 mm,
DeBakey
Zahnung
1 mm,
DeBakey tip



Länge (mm)
Length (in.)

150 mm
6"

[FM570R](#)

[FM571R](#)

[FM578R](#)

[FM581R](#)

185 mm
7 1/4"

[FM572R](#)

[FM573R](#)

[FM579R](#)

[FM580R](#)

[FM583R](#)

[FM592R](#)

210 mm
8 1/4"

[FM574R](#)

[FM575R](#)

[FM599R](#)

[FM585R](#)

[FM600R](#)

230 mm
9"

[FM576R](#)

[FM577R](#)

250 mm
10"

[FM596R](#)

[FM595R](#)

[FM594R](#)

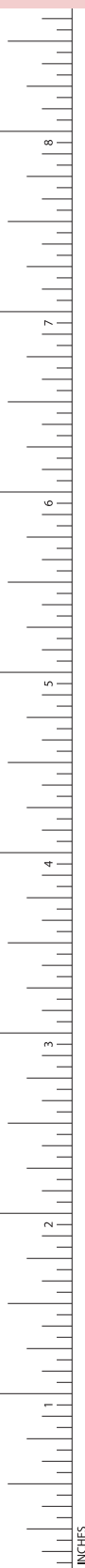
[FM593R](#)

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff, ohne Gewicht

Micro Forceps with Round Handles, without Counter Balance

BD



1/1

185 mm, 7 1/4"

1/1

210 mm, 8 1/4"



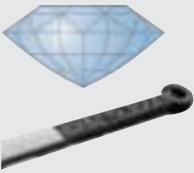
Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff, ohne Gewicht

Micro Forceps with Round Handles, without Counter Balance

BD

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform
Jaw

Ring-Ø:
1 mm,
gerade

diam. of ring:
1 mm,
straight



Ring-Ø:
1 mm,
gebogen

diam. of ring:
1 mm,
curved



Ring-Ø:
1 mm mit
Fadenplatte

diam. of ring:
1 mm with
platform tip



Fadenplatte,
gerade

Platform tip,
straight



1 mm,
DeBakey
Zahnung

1 mm,
DeBakey tip



Länge (mm)
Length (in.)

185 mm
7 1/4"

FM597R

FM587R

FM582R

FM586R

FM590R

210 mm
8 1/4"

FM598R

FM589R

FM584R

FM588R

FM591R



MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

BD



180 mm, 7"
1/1



200 mm, 8"
1/1



250 mm, 10"
1/1

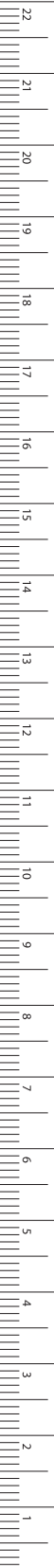


Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

BD



MILLIMETERS

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform
Jaw

1 mm,
Karoprofil

1 mm,
cross serrated



1 mm,
DeBakey
Zahnung

1 mm,
DeBakey tip



Ring-Ø:
1 mm,
gerade

diam. of ring:
1 mm,
straight



Ring-Ø:
1 mm,
gebogen

diam. of ring:
1 mm,
curved



1 mm,
gerade

1 mm,
straight



Länge (mm)
Length (in.)

180 mm
7"

BD190R

BD191R

BD192R

BD193R

BD194R

200 mm
8"

BD195R

BD196R

250 mm
10"

BD197R

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten

Micro Forceps

BD



$\frac{1}{1}$
Karoprofil
cross serrated

$\frac{1}{2}$

FM063R

Rundgriff
round handle
200 mm, 8"



FM053R

Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm

180 mm

7"



FM054R

Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm

200 mm

8"



$\frac{1}{1}$
mit Plateau
with platform tip

$\frac{1}{2}$

FD253R

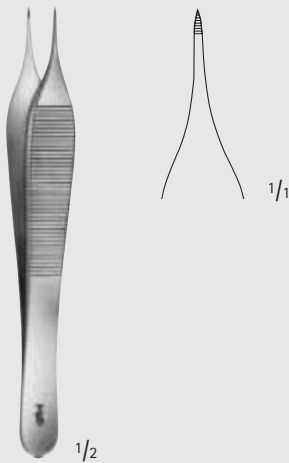
Rundgriff
round handle
180 mm, 7"



Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten
Delicate Dissecting Forceps

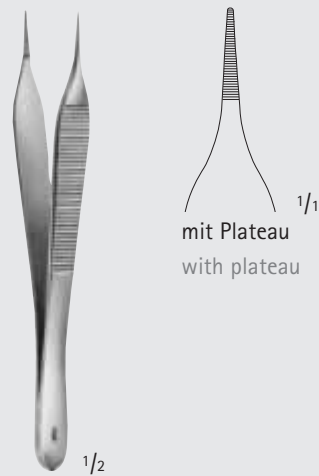
BD



THORPE

OC069R

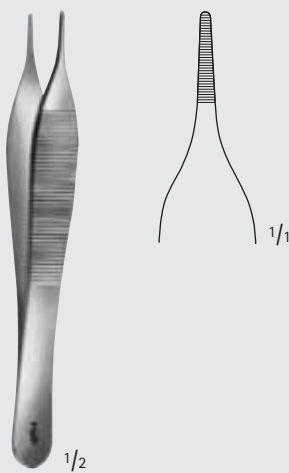
Hornhautpinzette
Corneal forceps
120 mm, 4 $\frac{3}{4}$ "



MICRO-ADSON

BD220R

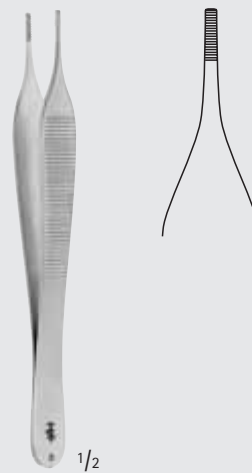
120 mm, 4 $\frac{3}{4}$ "



ADSON

BD222R

120 mm, 4 $\frac{3}{4}$ "



HUDSON

BD225R

125 mm, 5"



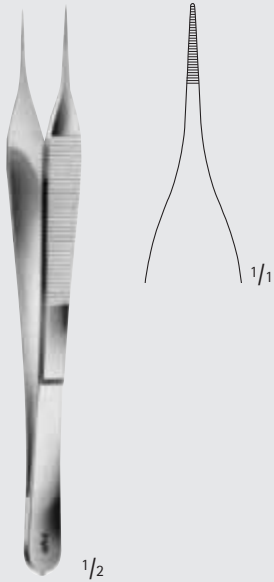
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten

Delicate Dissecting Forceps

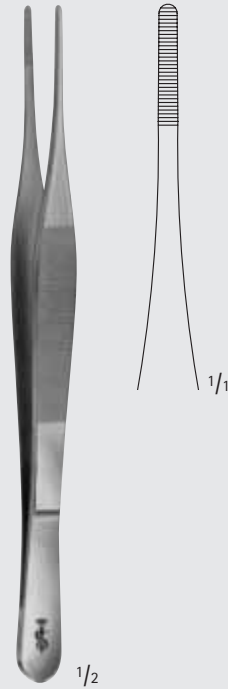
BD



MICRO-ADSON

BD223R

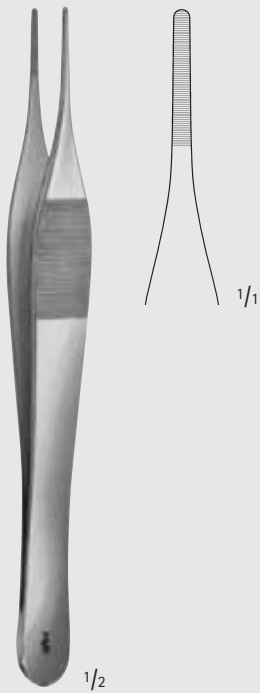
150 mm, 6"



ADSON

BD224R

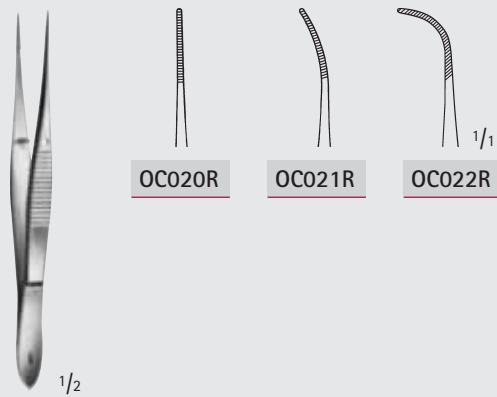
180 mm, 7"



JEFFERSON

BD226R

180 mm, 7"



OC020R

OC021R

OC022R

OC020R-OC022R

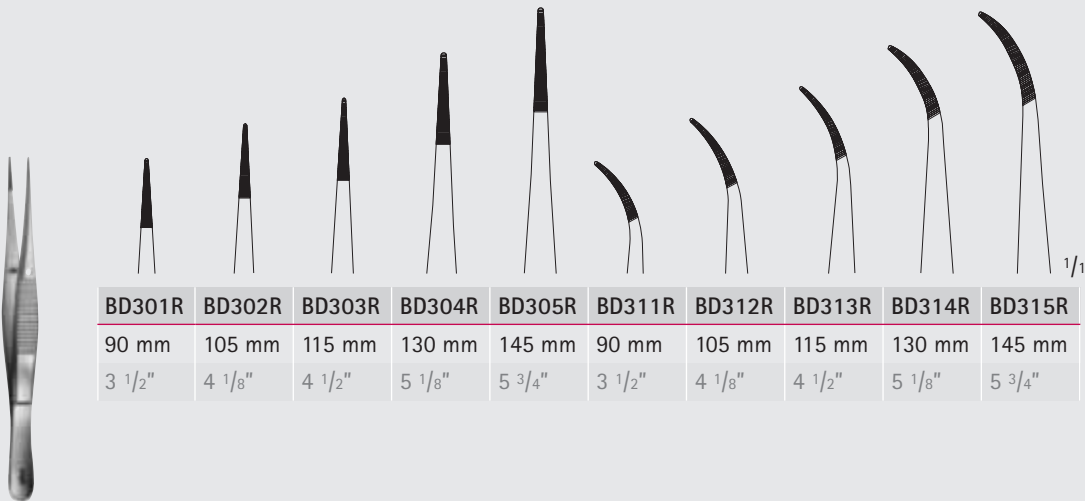
100 mm, 4"



Pinzetten – Dissecting- and Tissue Forceps

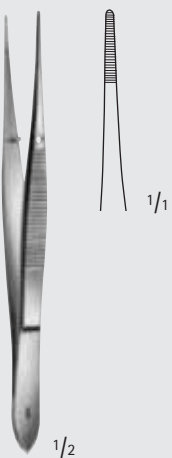
Feine anatomische Pinzetten
Delicate Dissecting Forceps

BD



BD301R	BD302R	BD303R	BD304R	BD305R	BD311R	BD312R	BD313R	BD314R	BD315R
90 mm	105 mm	115 mm	130 mm	145 mm	90 mm	105 mm	115 mm	130 mm	145 mm
3 1/2"	4 1/8"	4 1/2"	5 1/8"	5 3/4"	3 1/2"	4 1/8"	4 1/2"	5 1/8"	5 3/4"

BD301R-BD315R



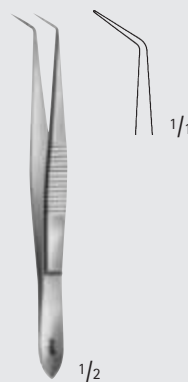
BD210R

115 mm, 4 1/2"



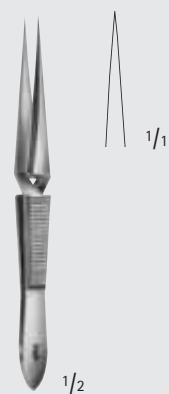
BD320R

100 mm, 4"



BD321R

100 mm, 4"



BD322R

100 mm, 4"



MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten

Delicate Dissecting Forceps

BD



BD215R	BD216R
125 mm	150 mm
5"	6"

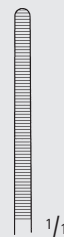
SEMKEN

BD215R-BD216R



1/2 155 mm, 6"

BD217R



1/2 150 mm, 6"

GILLIES

BD213R



1/2

MC INDOE

BD236R

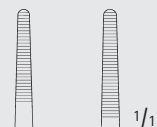
150 mm, 6"



BD228R	BD229R	BD230R
175 mm	175 mm	230 mm
7"	7"	9"

GERALD

BD228R-BD230R



BD268R	BD269R
175 mm	215 mm
7"	8 1/2"

CAIRNS-DOTT

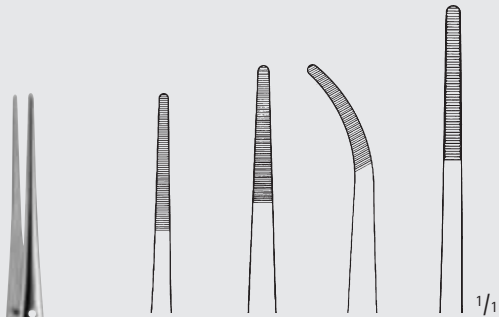
BD268R-BD269R



Pinzetten – Dissecting- and Tissue Forceps

Feine Anatomische Pinzetten
Delicate Dissecting Forceps

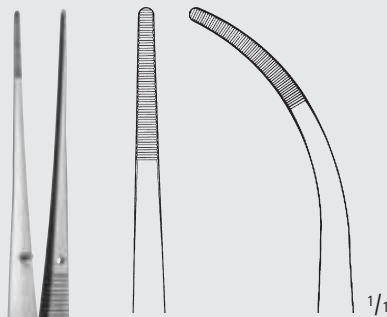
BD



BD238R	BD239R	BD243R	BD240R
180 mm	200 mm	200 mm	250 mm
7"	8"	8"	10"

CUSHING

BD238R-BD243R

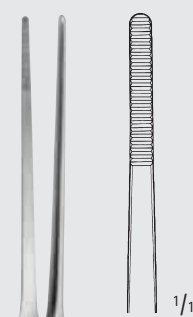


BD246R BD247R

BROPHY

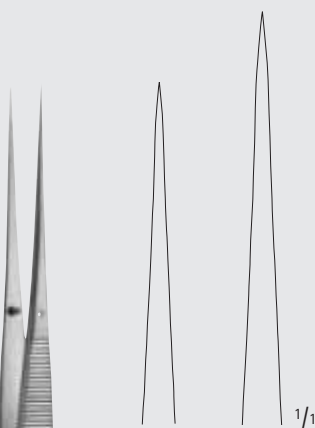
BD246R-BD247R

1/2 200 mm, 8"



BD081R

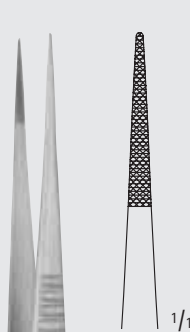
1/2 200 mm, 8"



BD231R	BD232R
185 mm	200 mm
7 1/4"	8"

BD231R-BD232R

glattes Maul
smooth jaws

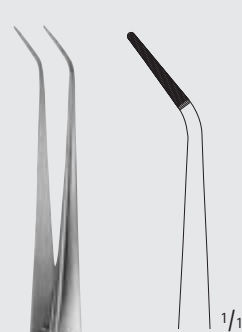


COOLEY

BD250R

200 mm, 8"

1/2



BD257R

200 mm, 8"

1/2

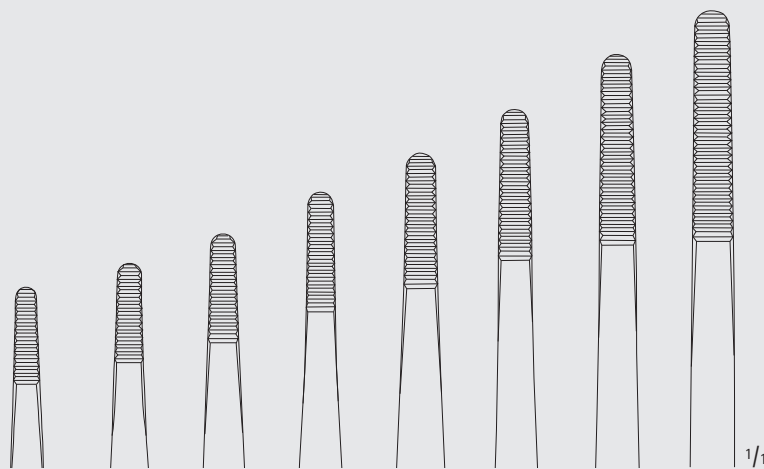


Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten

Dissecting Forceps

BD

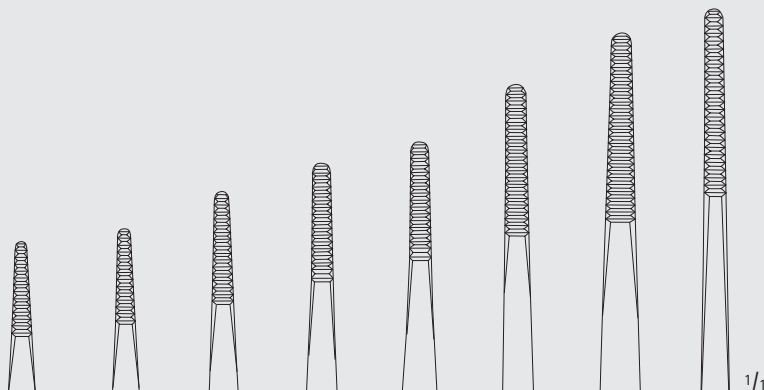


BD043R	BD045R	BD047R	BD049R	BD050R	BD051R	BD052R	BD053R
115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm
4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD043R-BD053R

Standard-Modelle

Standard patterns



BD023R	BD025R	BD027R	BD029R	BD030R	BD031R	BD032R	BD033R
115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	305 mm
4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD023R-BD033R

mittelbreit

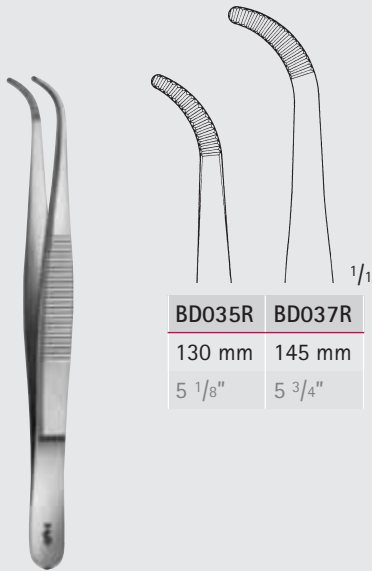
medium



Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten
Dissecting Forceps

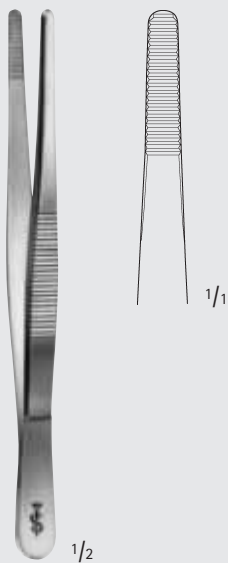
BD



BD035R	BD037R
130 mm	145 mm
5 1/8"	5 3/4"

BD035R-BD037R

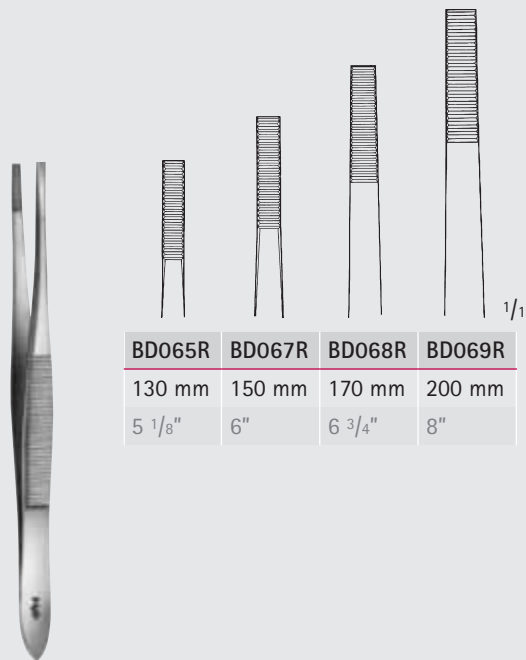
mittelbreit
medium



1/2

BD077R

extra breit
extra large
145 mm, 5 3/4"



BD065R	BD067R	BD068R	BD069R
130 mm	150 mm	170 mm	200 mm
5 1/8"	6"	6 3/4"	8"

SCHWEDISCHES MODELL

BD065R-BD069R



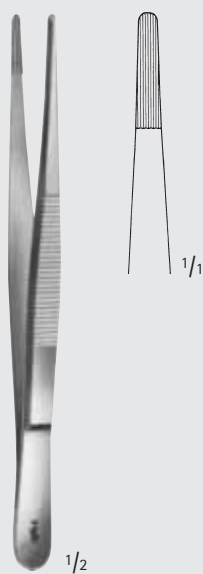
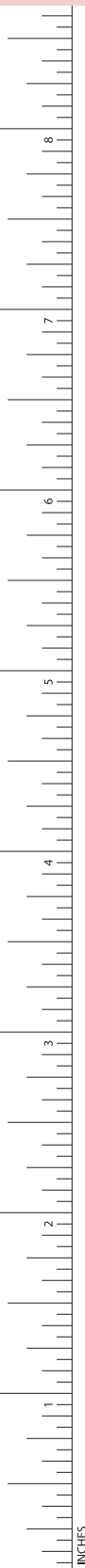
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten

Dissecting Forceps

BD



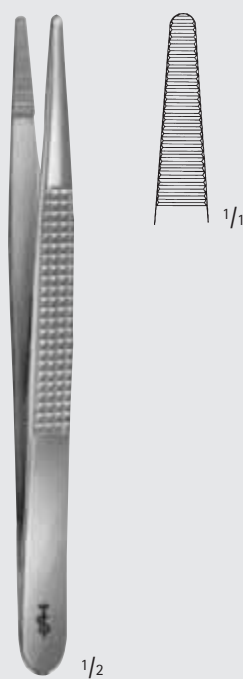
OCHSNER

BD130R

Fadenpinzette

Ligature forceps

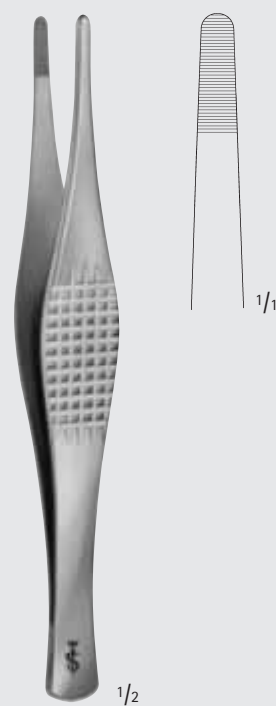
145 mm, 5 ³/₄"



BONNEY

BD078R

175 mm, 7"



RAMSEY

BD083R

180 mm, 7"



DE BAKEY Zahnung

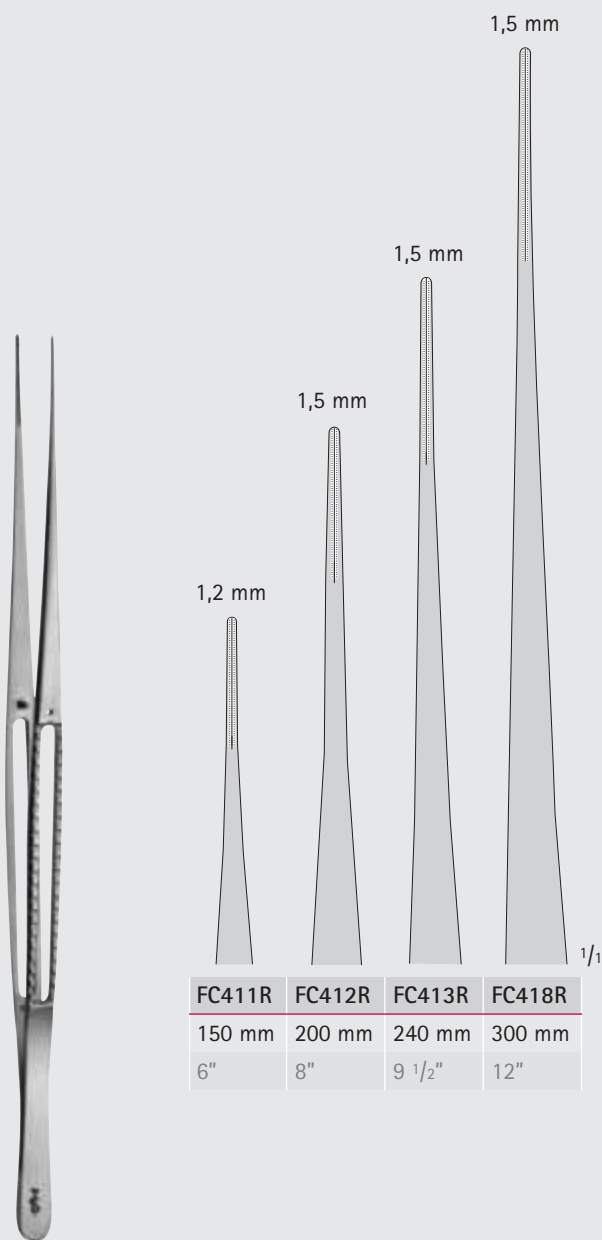


Toothing DE BAKEY

TRAUMATA®

Pinzetten – Dissecting- and Tissue Forceps

Ultra-Light-Pinzetten
Ultra-Light-Forceps



FC411R	FC412R	FC413R	FC418R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FC411R-FC418R

BD



MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Pinzetten
Forceps

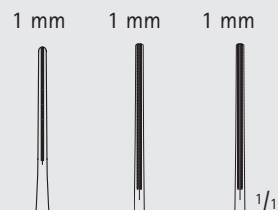
DE BAKEY Zahnung



Toothings DE BAKEY

ARAUMATA®

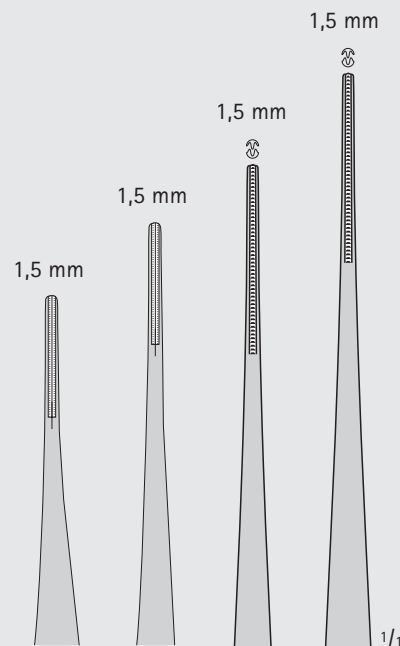
BD



FB394R	FB395R	FB396R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

DE BAKEY

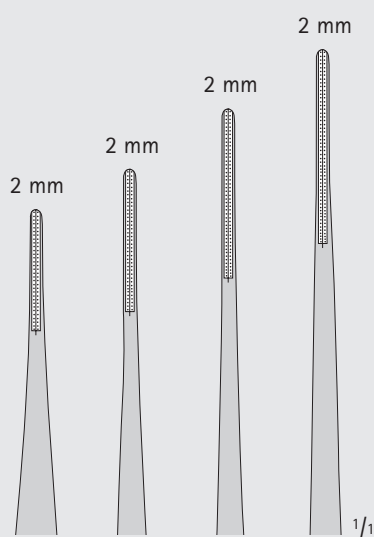
FB394R-FB396R



FB411R	FB412R	FB418R	FB419R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

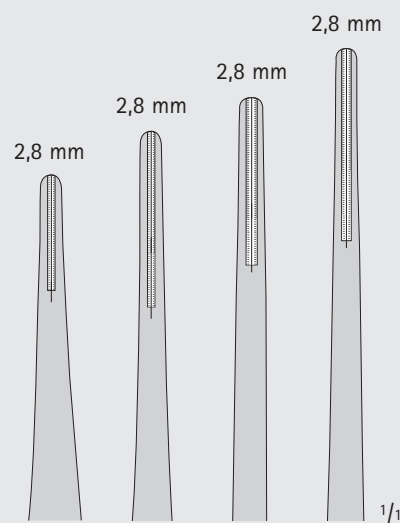
FB411R-FB419R



FB400R	FB402R	FB404R	FB405R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB400R-FB405R



FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB414R-FB417R



DE BAKEY Zahnung



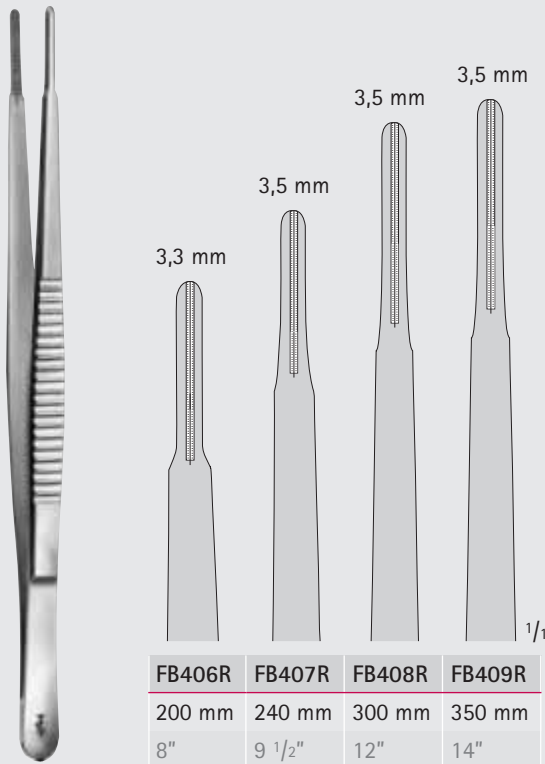
Toothing DE BAKEY

AIRAUMATA®

Pinzetten – Dissecting- and Tissue Forceps

Pinzetten
Forceps

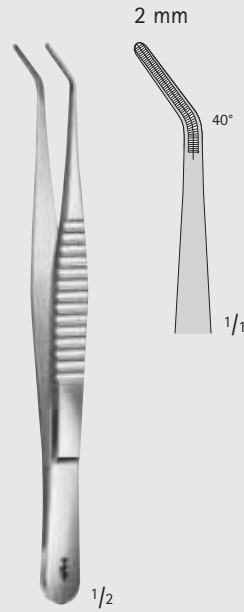
BD



FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

DE BAKEY

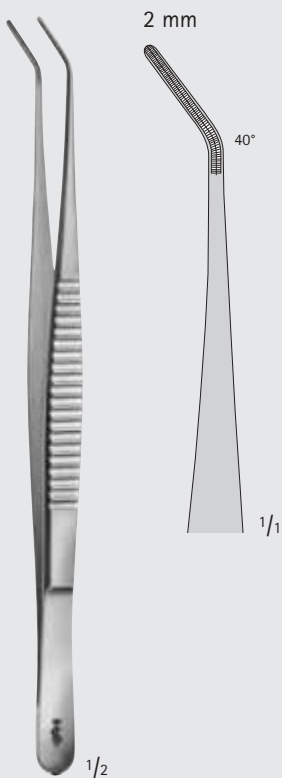
FB406R-FB409R



DE BAKEY

FB401R

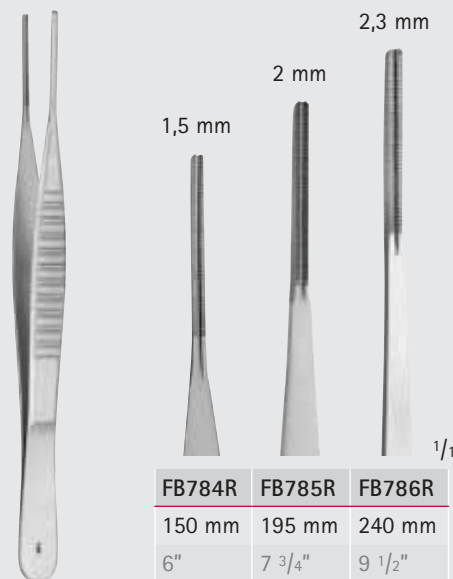
150 mm, 6"



DE BAKEY

FB403R

200 mm, 8"



FB784R	FB785R	FB786R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

COOLEY

FB784R-FB786R

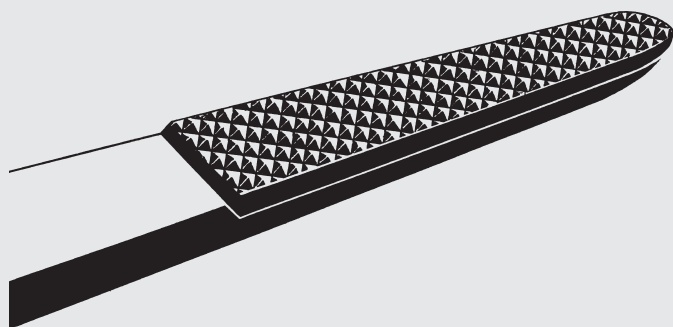
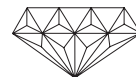


MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Atraumatische Pinzetten

DUROGRIP® Non-traumatic Dissecting Forceps



- Fein strukturiertes und präzise gearbeitetes Haftprofil
- sicheres und zugleich schonendes Fassen
- universell verwendbar
- unverwüstlich im Gebrauch
- Precisely worked out fine structure of carbide inserts
- thus firm and non-traumatic gripping of tissue
- universal in use
- long working life

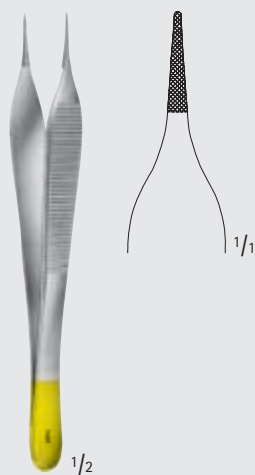


DUROGRIP®-Pinzetten mit Hartmetall-Plättchen

Kennzeichnung: vergoldete Feder

DUROGRIP®-Dissecting Forceps with carbide inserts

Identification: gold-plated end



ADSON

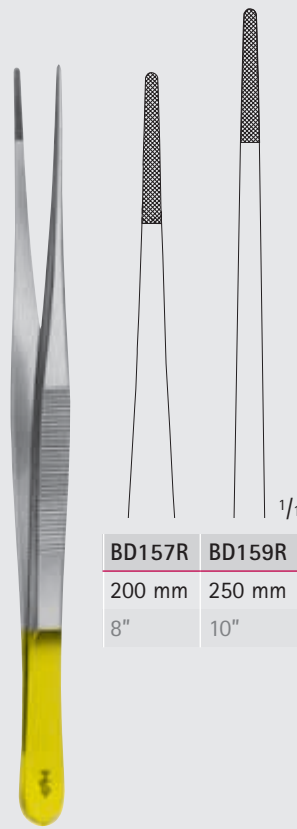
BD151R

120 mm, 4 3/4"



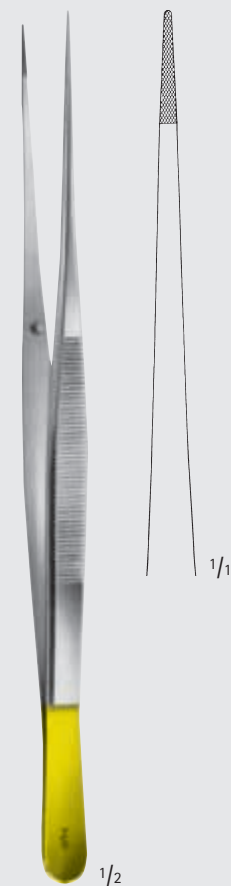
BD154R	BD156R
145 mm	180 mm
5 3/4"	7"

BD154R-BD156R



BD157R	BD159R
200 mm	250 mm
8"	10"

BD157R-BD159R

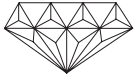


BD158R

230 mm, 9"

BD





Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Pinzetten

DUROGRIP® Dissecting Forceps

BD



1/2



1/1

Besonders sicheres und schonendes Fassen des Fadens durch kissenförmige Maulform

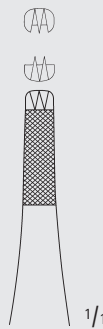
Cushion shaped tip ensures a safe and gentle grasping of the thread

BD180R

Nahtpinzette
Suture forceps
200 mm, 8"



1/2

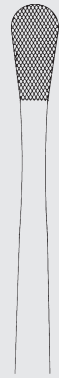
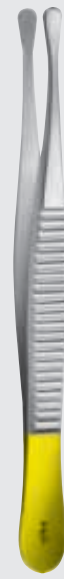


1/1

FERRIS-SMITH

BD181R

175 mm, 7"



1/1

BD171R	BD173R
150 mm	230 mm
6"	9"

WANGENSTEEN

BD171R-BD173R

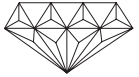


MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Pinzetten

DUROGRIP® Dissecting Forceps



BD



			1/1
BD164R	BD165R	BD166R	
145 mm	200 mm	250 mm	
5 3/4"	8"	10"	

STANDARD
BD164R–BD166R



		1/1
BD160R	BD198R	
180 mm	210 mm	
7"	8 1/4"	

CUSHING
BD160R–BD198R
mit Schaber
with scraper end



	1/1
BD168R	
185 mm	
7 1/4"	

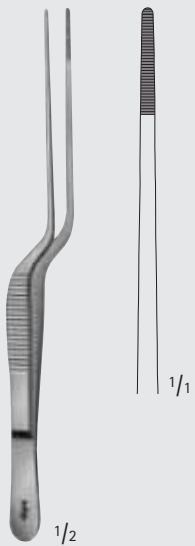
GRUENWALD
BD168R
185 mm, 7 1/4"



Pinzetten – Dissecting- and Tissue Forceps

Pinzetten, bajonettförmig gebogen
Forceps, Bayonet-Shaped

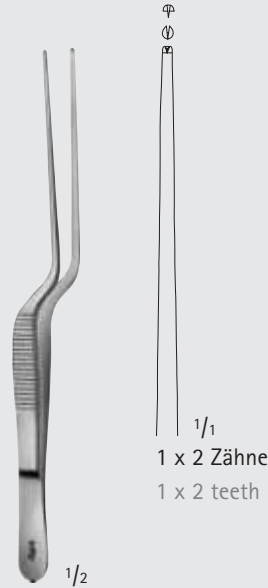
BD



LUCAE

BD878R

140 mm, 5 1/2"



LUCAE

BD879R

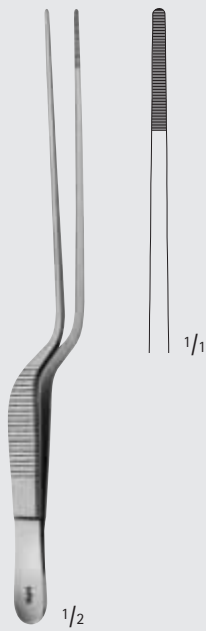
140 mm, 5 1/2"



COTTLE

OL011R

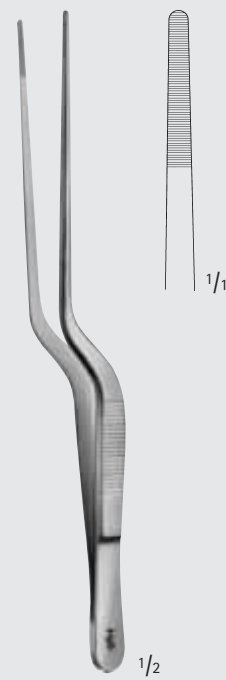
Fixierpinzette
Forceps
140 mm, 5 1/2"



JANSEN

BD880R

160 mm, 6 1/4"



ADSON

BD870R

175 mm, 7"



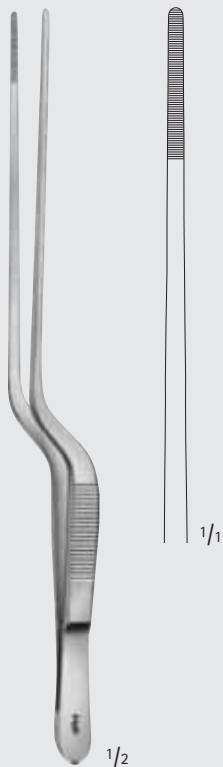
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Pinzetten, bajonettförmig gebogen

Forceps, Bayonet-Shaped

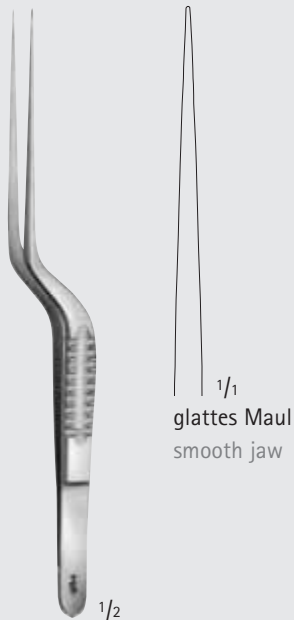
BD



GRUENWALD

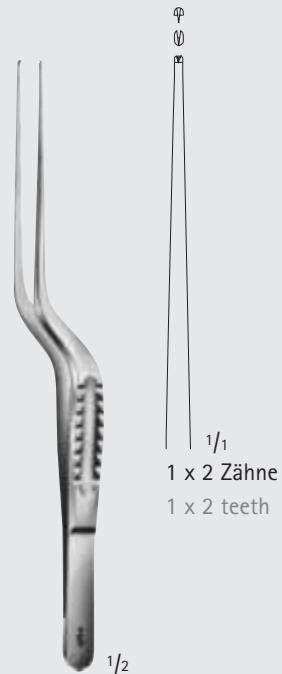
BD883R

200 mm, 8"



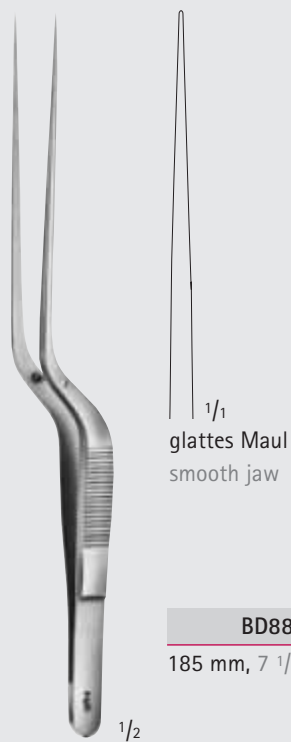
BD887R

160 mm, 6 1/4"



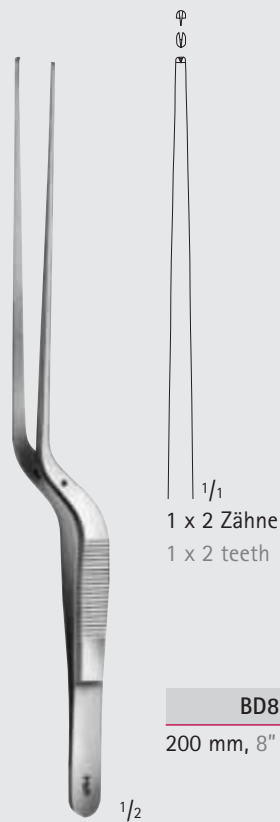
BD888R

160 mm, 6 1/4"



BD885R

185 mm, 7 1/4"



BD886R

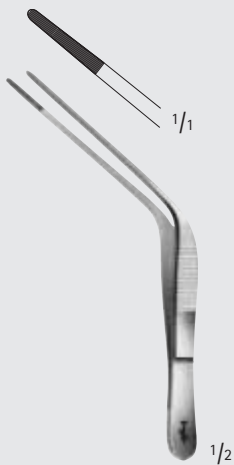
200 mm, 8"



Pinzetten – Dissecting- and Tissue Forceps

Pinzetten, kniegebogen
Forceps, Angular

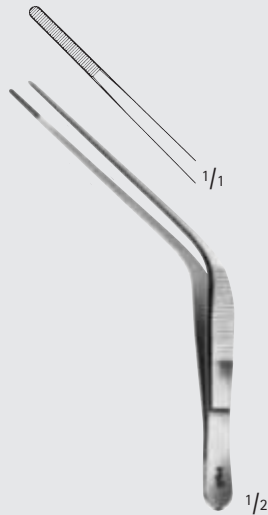
BD



TROELTSCH

BD900R

100 mm, 4"



TROELTSCH

BD902R

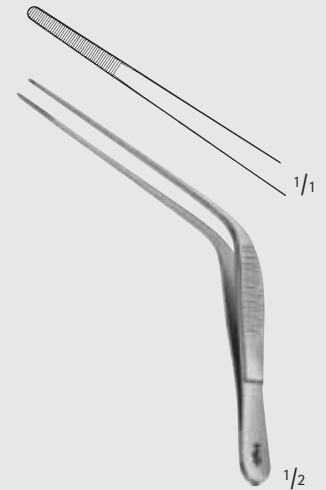
115 mm, 4 1/2"



TROELTSCH

BD903R

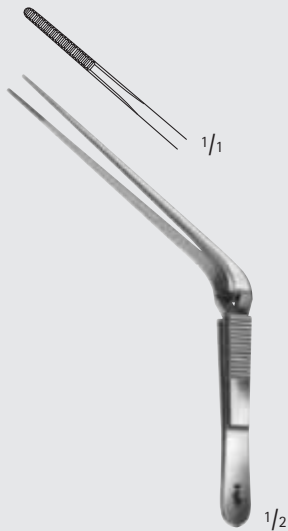
115 mm, 4 1/2"



WILDE

BD904R

115 mm, 4 1/2"



TROELTSCH

BD905R

selbstschließend

cross action

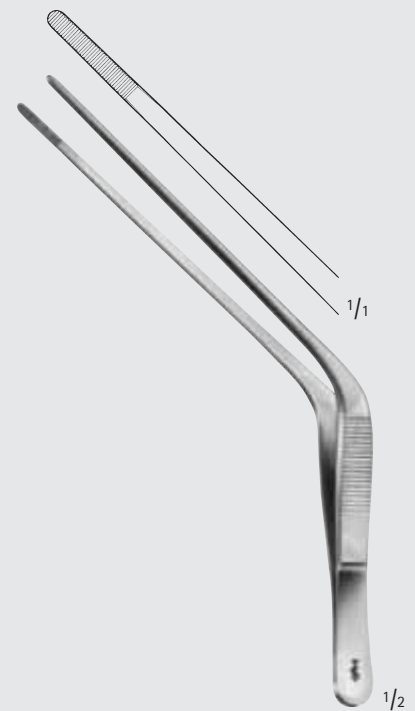
120 mm, 4 3/4"



TROELTSCH

BD910R

140 mm, 5 1/2"



TROELTSCH

BD911R

170 mm, 6 3/4"



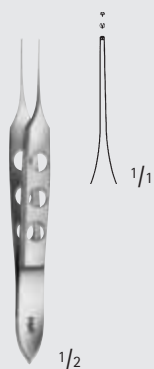
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten

Delicate Tissue Forceps

BD



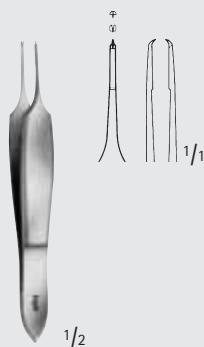
BISHOP-HARMON

OC051R

Augenpinzette

Eye forceps

85 mm, 3 1/2"



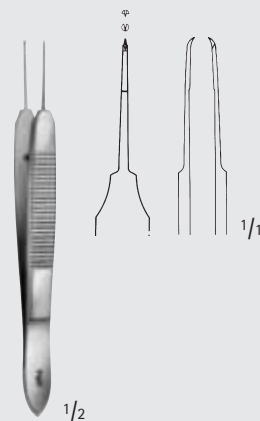
ST. MARTIN

OC091R

Augenpinzette

Eye forceps

80 mm, 3 1/8"



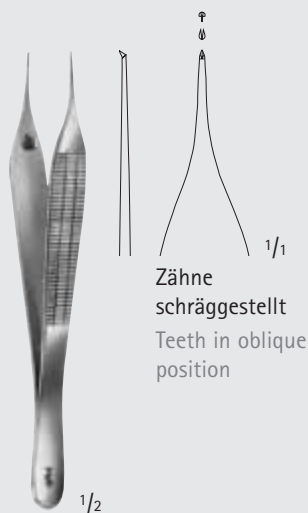
CASTROVIEJO

OC094R

Augenpinzette

Eye forceps

100 mm, 4"

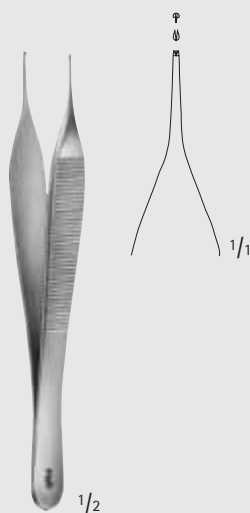


MICRO-ADSON-BIEMER

BD509R

120 mm, 4 3/4"

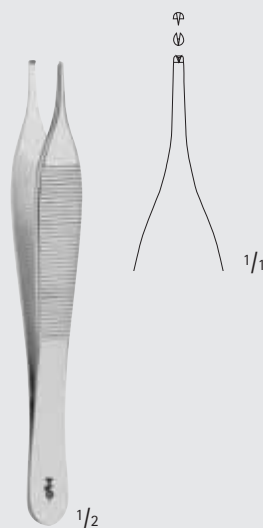
Zähne
schräggestellt
Teeth in oblique
position



MICRO-ADSON

BD510R

120 mm, 4 3/4"



ADSON

BD511R

120 mm, 4 3/4"



ADSON

BD512R

120 mm, 4 3/4"

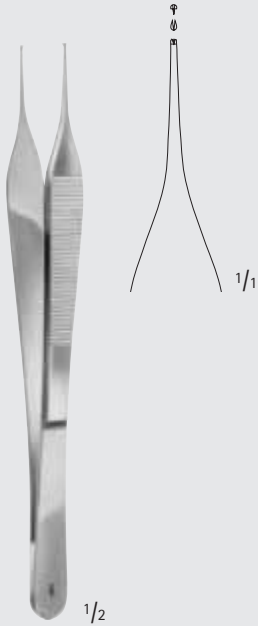
mit Plateau
with plateau



Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten
Delicate Tissue Forceps

BD



MICRO-ADSON

BD520R

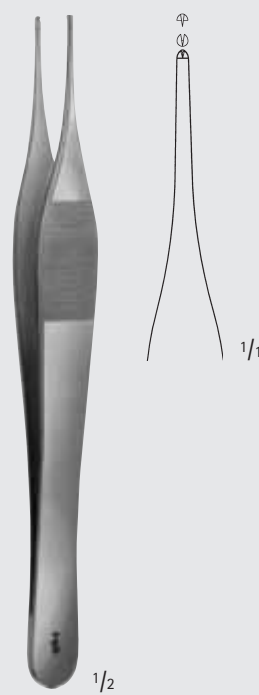
150 mm, 6"



ADSON

BD522R

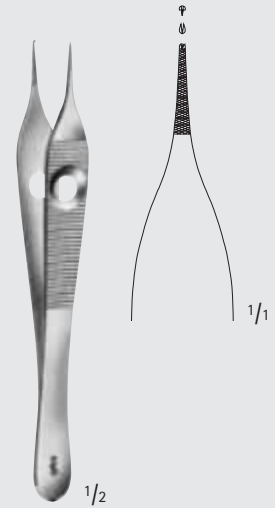
180 mm, 7"



JEFFERSON

BD523R

180 mm, 7"



ADSON

BD508R

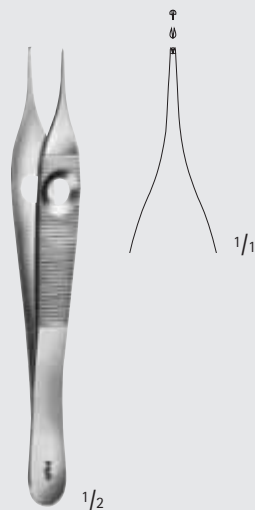
120 mm, 4 3/4"



ADSON

BD513R

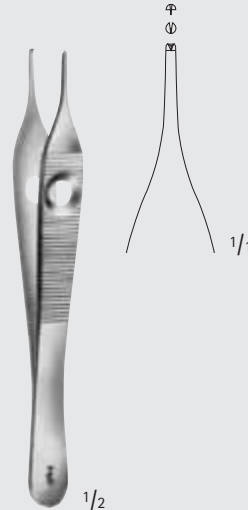
120 mm, 4 3/4"



ADSON

BD506R

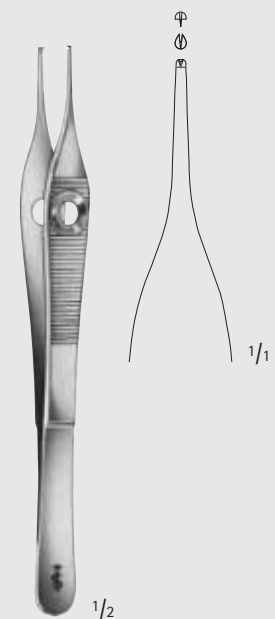
120 mm, 4 3/4"



ADSON

BD507R

120 mm, 4 3/4"



ADSON

BD521R

150 mm, 6"

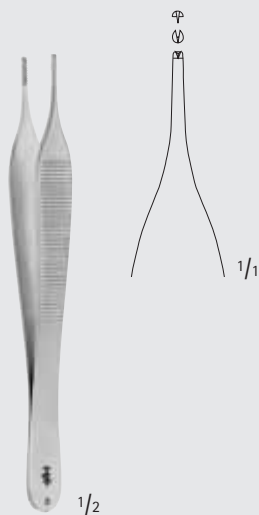


Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

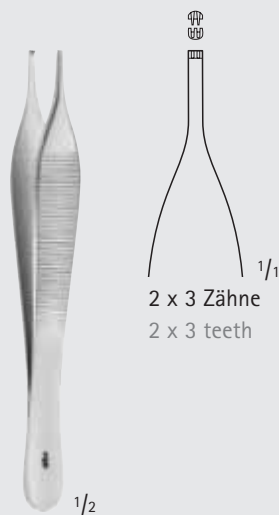
BD



HUDSON

MB291R

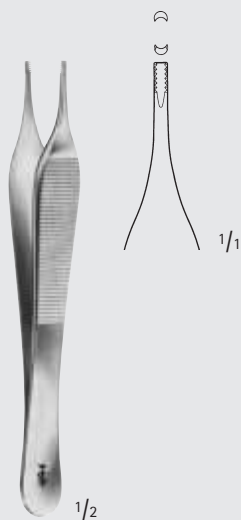
125 mm, 4 7/8"



ADSON

MB454R

120 mm, 4 3/4"



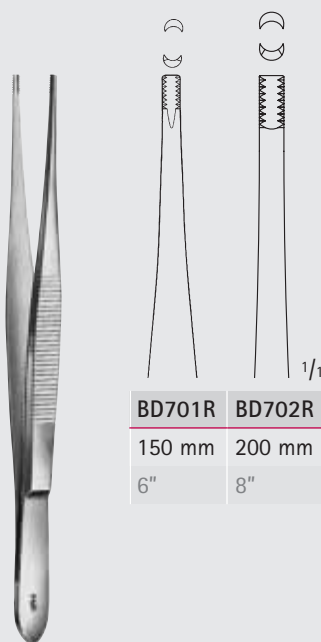
ADSON-BROWN

BD700R

Hautpinzette, scharf

Tissue forceps, sharp

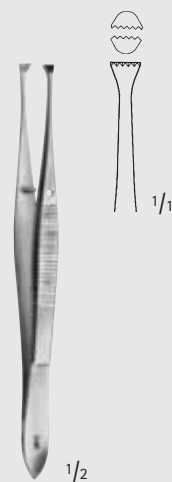
120 mm, 4 3/4"



BROWN

BD701R-BD702R

BD701R	BD702R
150 mm	200 mm
6"	8"



GRAEFFE

OC100R

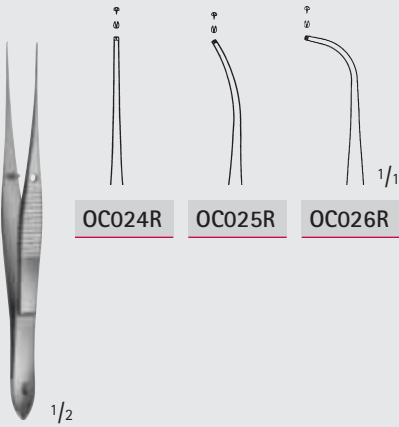
110 mm, 4 1/2"



Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten
Delicate Tissue Forceps

BD



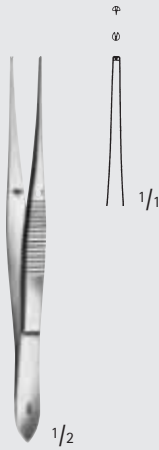
OC024R

OC025R

OC026R

OC024R-OC026R

sehr fein
very delicate
100 mm, 4"



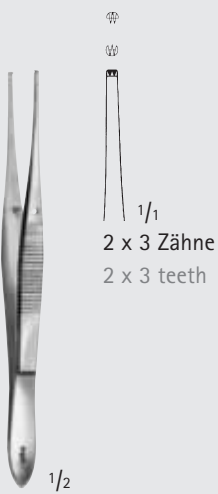
BD500R

100 mm, 4"



BD501R

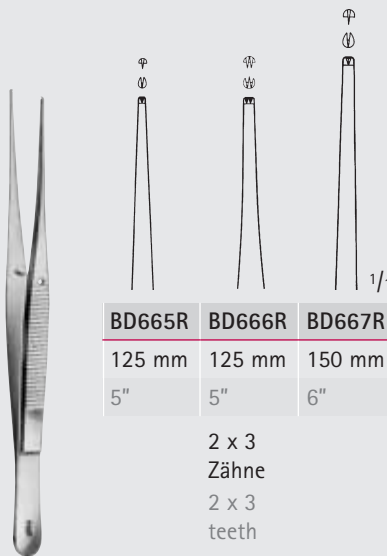
110 mm, 4 3/8"



2 x 3 Zähne
2 x 3 teeth

BD502R

110 mm, 4 3/8"



BD665R

BD666R

BD667R

125 mm

125 mm

150 mm

5"

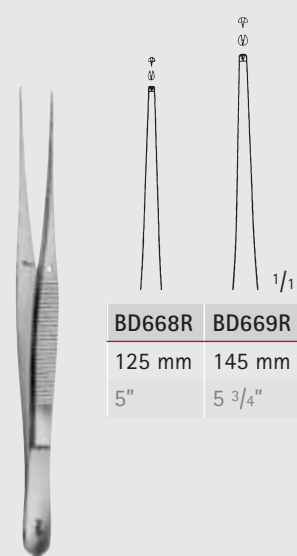
5"

6"

2 x 3
Zähne
2 x 3
teeth

SEMKEN

BD665R-BD667R



BD668R

BD669R

125 mm

145 mm

5"

5 3/4"

SEMKEN

BD668R-BD669R



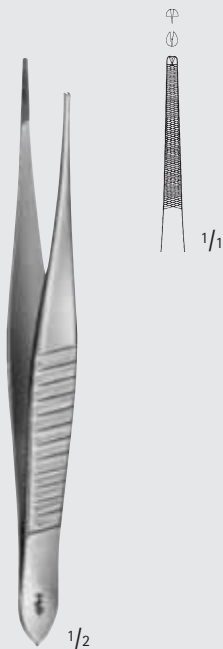
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten

Delicate Tissue Forceps

BD



GILLIES

BD660R

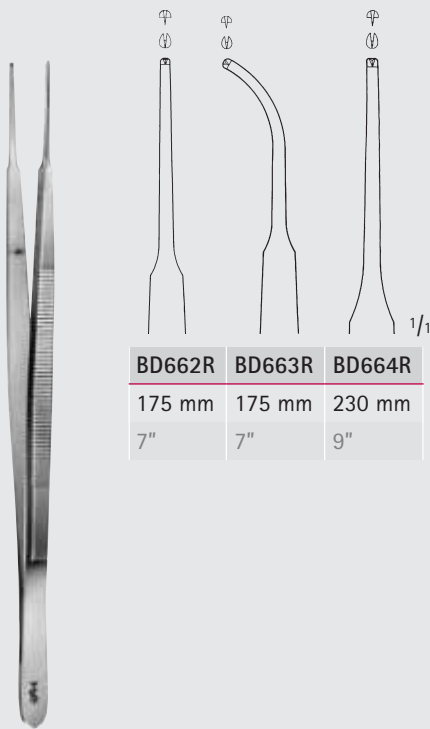
155 mm, 6"



MC INDOE

BD661R

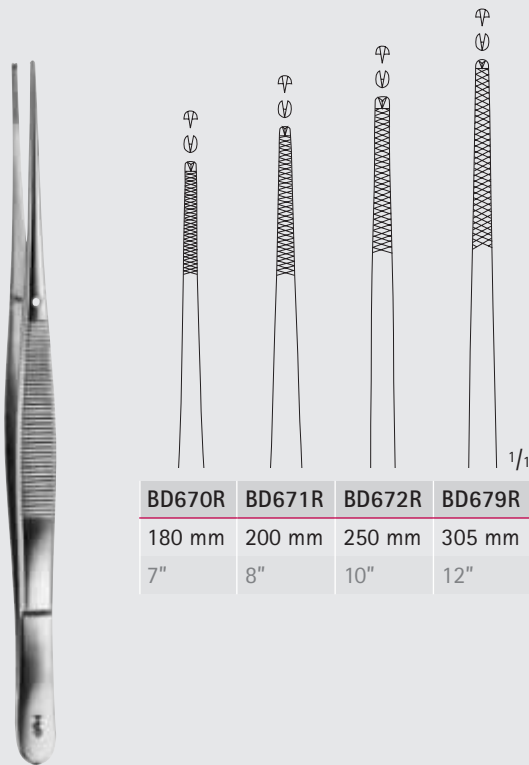
150 mm, 6"



GERALD

BD662R-BD664R

BD662R	BD663R	BD664R
175 mm	175 mm	230 mm
7"	7"	9"



WAUGH

BD670R-BD679R

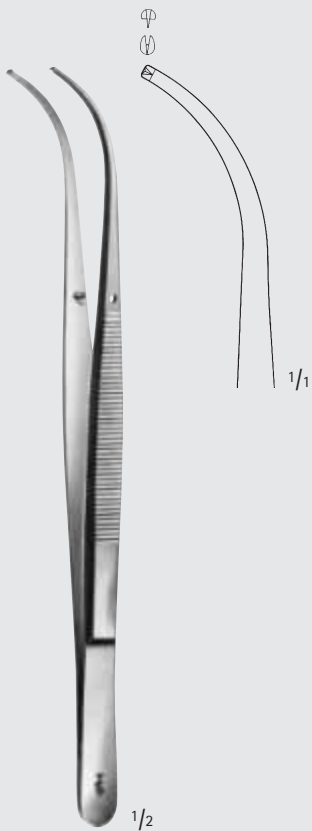
BD670R	BD671R	BD672R	BD679R
180 mm	200 mm	250 mm	305 mm
7"	8"	10"	12"



Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten
Tissue Forceps

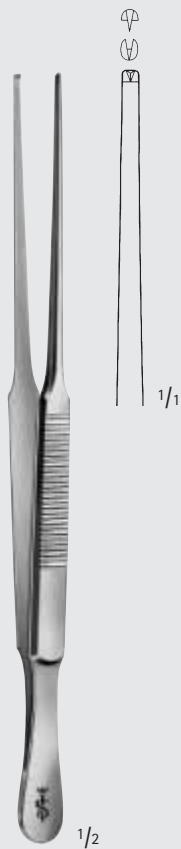
BD



BROPHY

BD678R

200 mm, 8"



BD651R

200 mm, 8"



CUSHING

MD463

180 mm, 7"



Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

BD

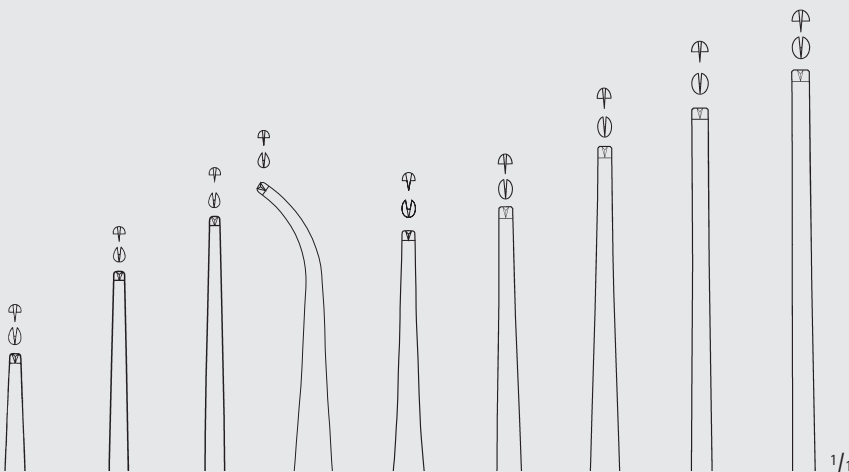


BD552R	BD553R	BD555R	BD557R	BD559R	BD560R	BD561R	BD562R	BD563R	BD564R
105 mm	115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm	350 mm
4 1/8"	4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"	14"

BD552R-BD564R

Standard-Modelle

Standard patterns



BD533R	BD535R	BD537R	BD527R	BD539R	BD540R	BD541R	BD542R	BD543R
115 mm	130 mm	145 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm
4 1/2"	5 1/8"	5 3/4"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD527R-BD543R

mittelbreit

medium

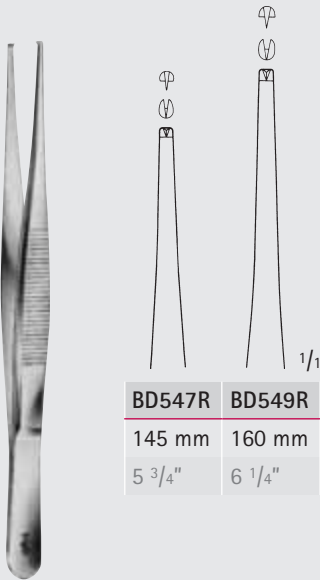


Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

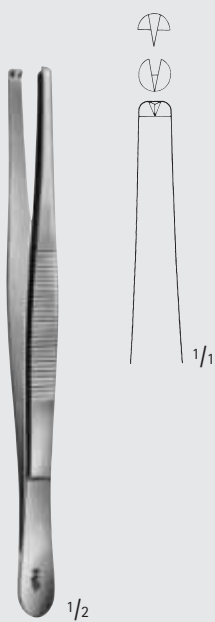
BD



BD547R	BD549R
145 mm	160 mm
5 3/4"	6 1/4"

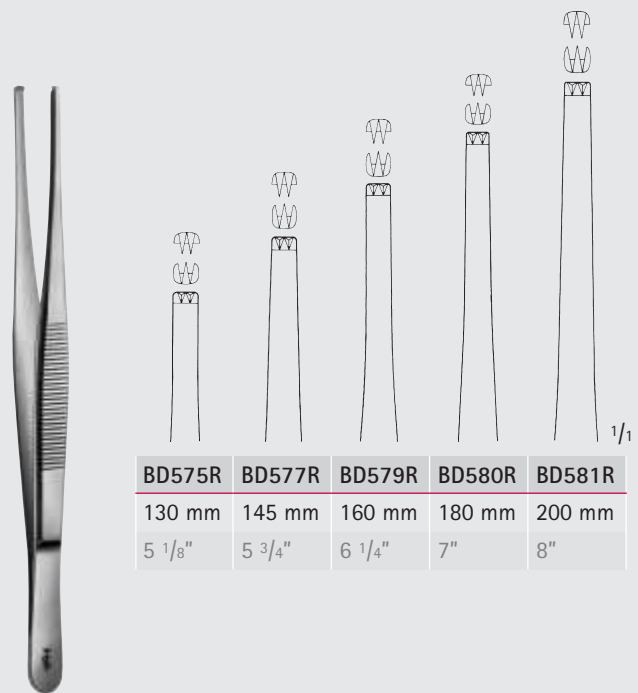
BD547R-BD549R

kräftiger als BD537R und BD539R
aber feiner als BD557R und BD559R
stronger as BD537R and BD539R
but finer than BD557R and BD559R



BD600R

kräftiges Modell
heavy pattern
145 mm, 5 3/4"



BD575R	BD577R	BD579R	BD580R	BD581R
130 mm	145 mm	160 mm	180 mm	200 mm
5 1/8"	5 3/4"	6 1/4"	7"	8"

BD575R-BD581R

2 x 3 Zähne
2 x 3 teeth



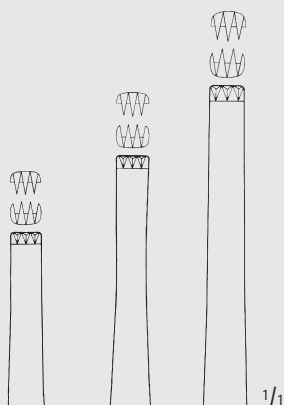
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

BD

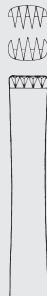


BD587R	BD589R	BD591R
145 mm	160 mm	200 mm
5 3/4"	6 1/4"	8"

BD587R-BD591R

3 x 4 Zähne

3 x 4 teeth



1/1
4 x 5 Zähne
4 x 5 teeth

BD597R

145 mm, 5 3/4"

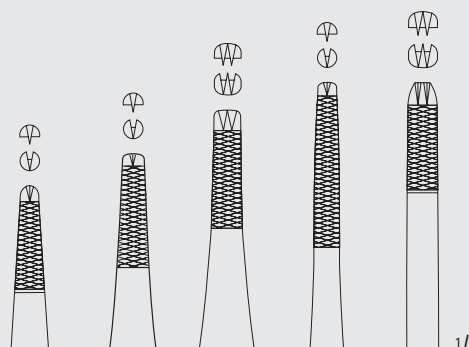


1/1
4 x 5 Zähne
4 x 5 teeth

OFFICER

BD598R

150 mm, 6"



BD602R	BD603R	BD604R	BD606R	BD607R
125 mm	145 mm	145 mm	175 mm	175 mm
5"	5 3/4"	5 3/4"	7"	7"

2 x 3
Zähne
2 x 3
teeth

2 x 3
Zähne
2 x 3
teeth

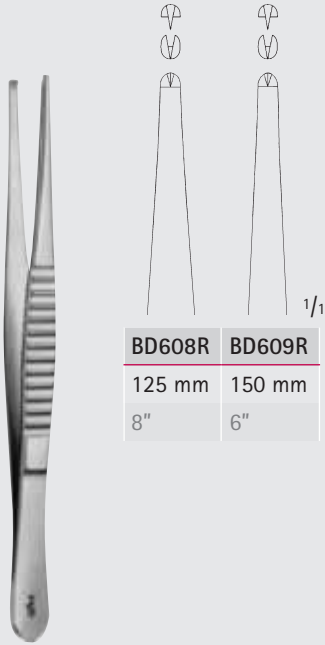
LANE

BD602R-BD607R



Pinzetten – Dissecting- and Tissue Forceps

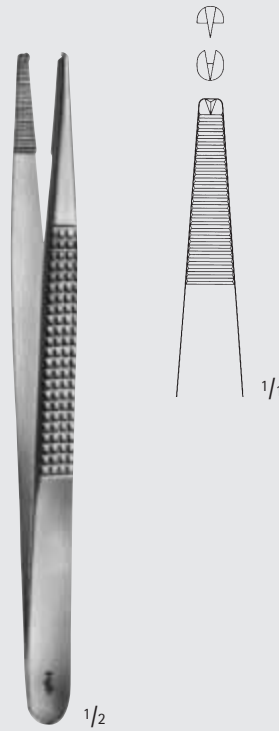
Chirurgische Pinzetten
Tissue Forceps



BD608R	BD609R
125 mm	150 mm
8"	6"

TREVES

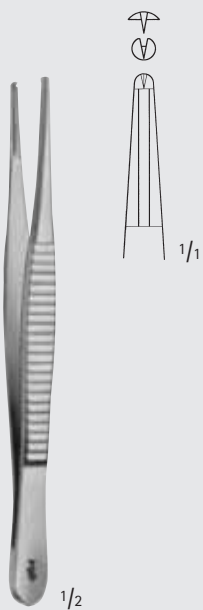
BD608R-BD609R



BONNEY

BD693R

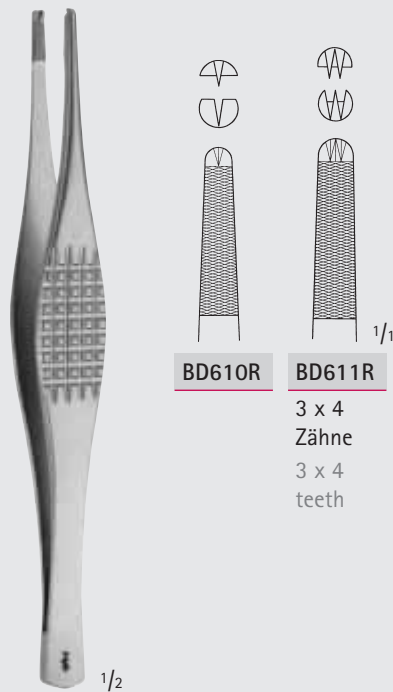
175 mm, 7"



JACKSON-BURROWS

BD704R

140 mm, 5 1/2"



BD610R

BD611R

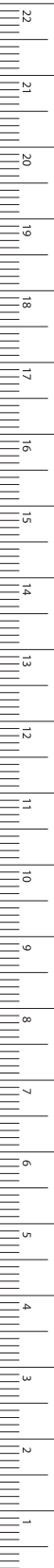
3 x 4
Zähne
3 x 4
teeth

RAMSEY

BD610R-BD611R

180 mm, 7"

BD



MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

BD

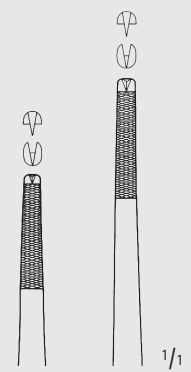


1/2

CHARNLEY

BD705R

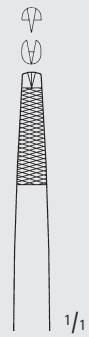
180 mm, 7"



BD690R	BD692R
150 mm	200 mm
6"	8"

STRASSBURGER MODELL

BD690R-BD692R



1/2

BD185R

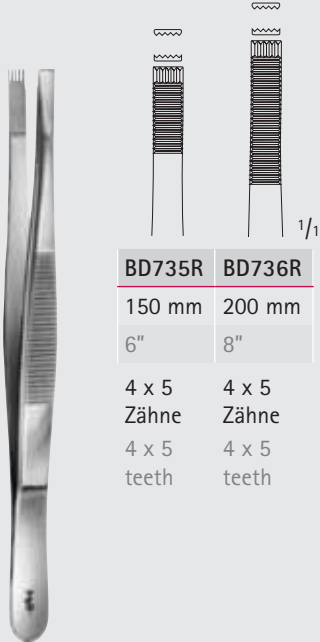
Nahtpinzette
Suture forceps
300 mm, 12"



Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps



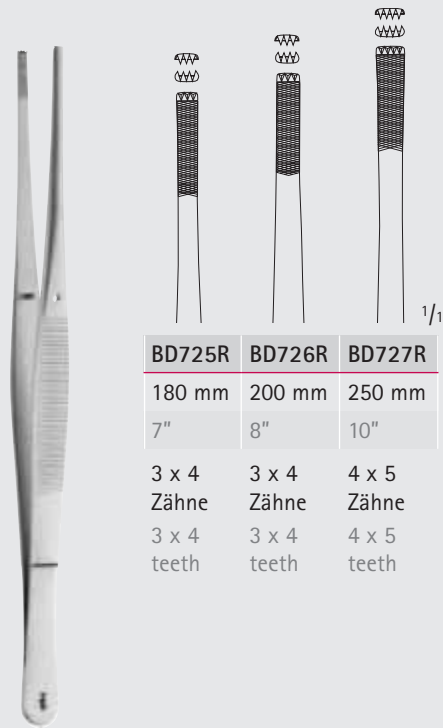
BD735R	BD736R
150 mm	200 mm
6"	8"
4 x 5 Zähne	4 x 5 Zähne
4 x 5 teeth	4 x 5 teeth

ADLERKREUTZ

BD735R-BD736R

Gefäß- und Tumorzange

Vascular- and tumor forceps



BD725R	BD726R	BD727R
180 mm	200 mm	250 mm
7"	8"	10"
3 x 4 Zähne	3 x 4 Zähne	4 x 5 Zähne
3 x 4 teeth	3 x 4 teeth	4 x 5 teeth

STILLE-BARRAYA

BD725R-BD727R

Gefäß- und Tumorzangen

Vascular- and tumor forceps



RUSS. MODELL

BD755R

150 mm, 6"



RUSS. MODELL

BD760R

200 mm, 8"

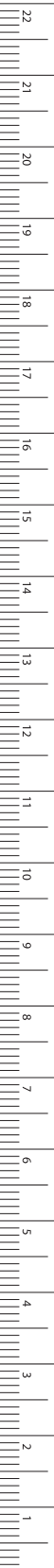


SELMAN

BD750R

155 mm, 6"

BD



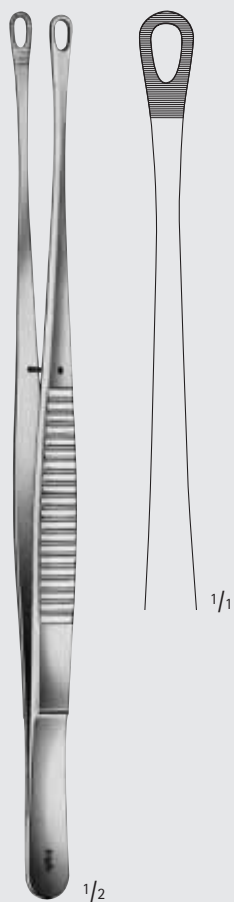
MILLIMETERS

Pinzetten – Dissecting- and Tissue Forceps

Lungenfasspinzetten, Darmpinzetten

Lung Grasping Dissecting Forceps, Intestinal Forceps

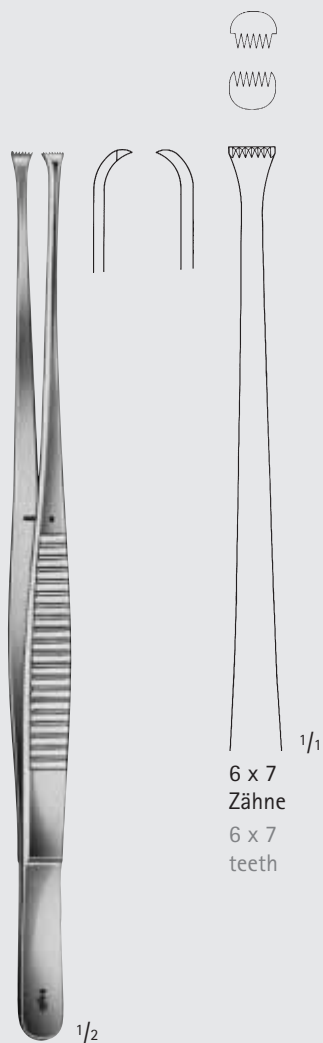
BD



TUTTLE

BD801R

Lungenfasspinzette
Lung grasping forceps
230 mm, 9"



NELSON

BD802R

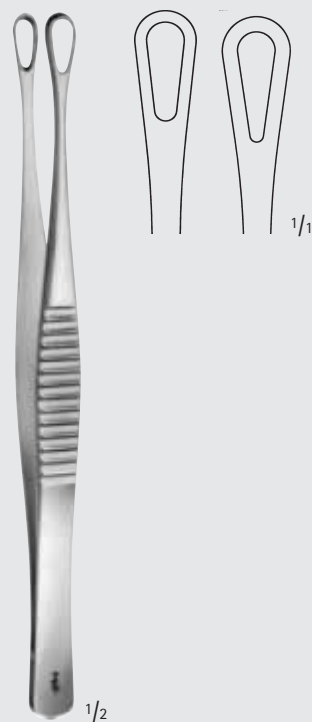
Lungenfasspinzette
Lung grasping forceps
230 mm, 9"



DUVAL

BD820R

Darmpinzette
Intestinal forceps
140 mm, 5 1/2"



DENIS- BROWNE

EA027R

Darmpinzette
Intestinal forceps
190 mm, 7 1/2"



Pinzetten – Dissecting- and Tissue Forceps

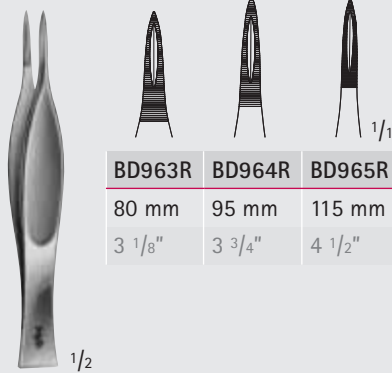
Splitterpinzetten, Splitterzangen

Splinter Forceps



BD952R

Splitterpinzette
Splinter forceps
80 mm, 3 1/8"

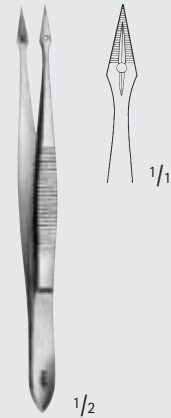


BD963R	BD964R	BD965R
80 mm	95 mm	115 mm
3 1/8"	3 3/4"	4 1/2"

FEILCHENFELD

BD963R-BD965R

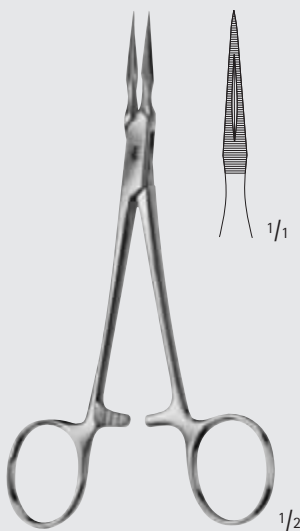
Splitterpinzetten
Splinter forceps



HUNTER

BD980R

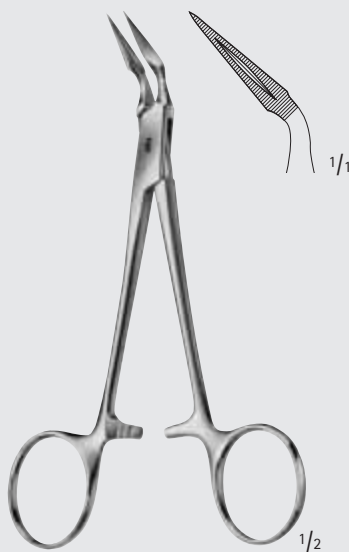
Splitterpinzette
Splinter forceps
105 mm, 4 1/8"



STIEGLITZ

BD992R

Splitterzange
Splinter forceps
140 mm, 5 1/2"



STIEGLITZ

BD993R

Splitterzange
Splinter forceps
140 mm, 5 1/2"

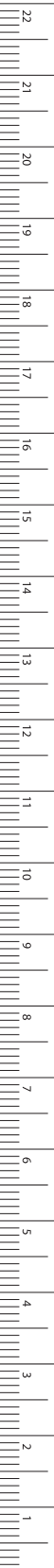


PEET

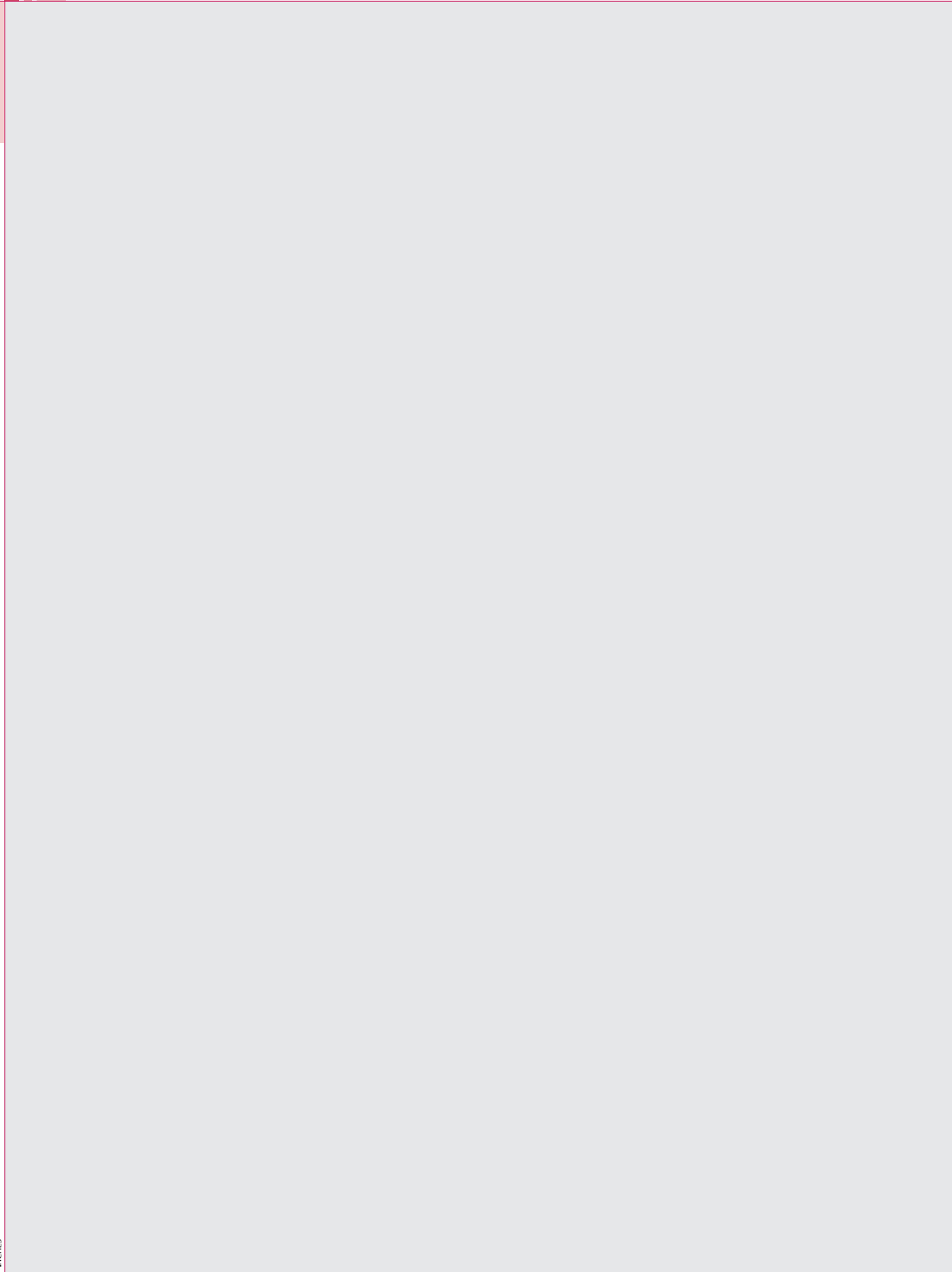
BD995R

Splitterzange
Splinter forceps
120 mm, 4 3/4"

BD



MILLIMETERS



BF

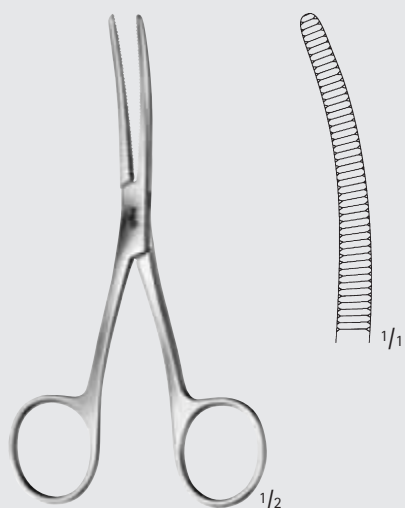


Korn- und Tupferzangen,
Waschzangen, Tuchklemmen
Sponge- and Dressing-Forceps,
Washing Forceps, Towel Clamps

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

Sponge- and Dressing Forceps



BRYANT

BF003R

130 mm, 5 1/8"

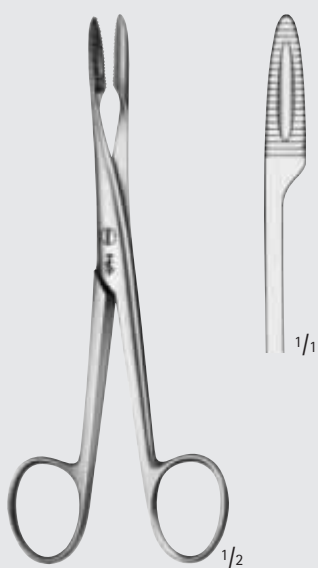


LISTER

BF004R-BF008R

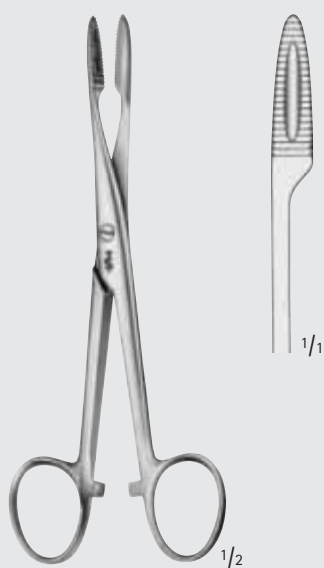
Sinusklemmen
Sinus forceps

BF004R	BF006R	BF008R
130 mm	160 mm	175 mm
5 1/8"	6 1/4"	7"



BF010R

ohne Sperre
without ratchet
145 mm, 5 3/4"



BF016R

mit Sperre
with ratchet
145 mm, 5 3/4"



BF021R

175 mm, 7"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen
Sponge- and Dressing Forceps

BF



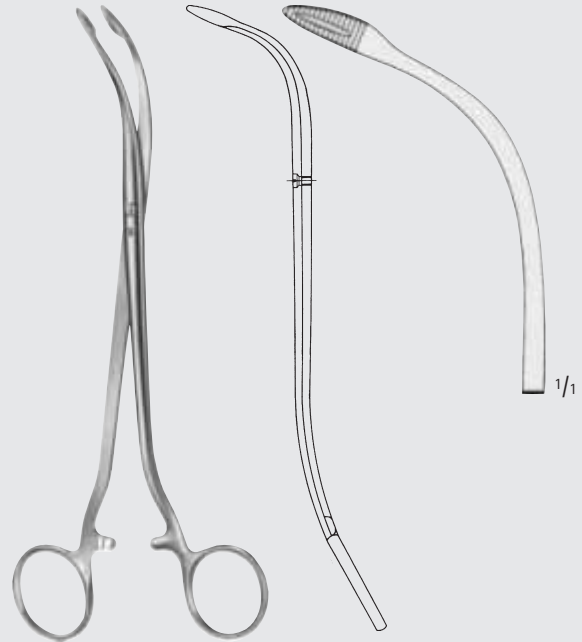
BF032R

BF033R

GROSS

BF032R-BF033R

mit Sperre
with ratchet
180 mm, 7"



DUPLAY

OM485R

190 mm, 7 1/2"



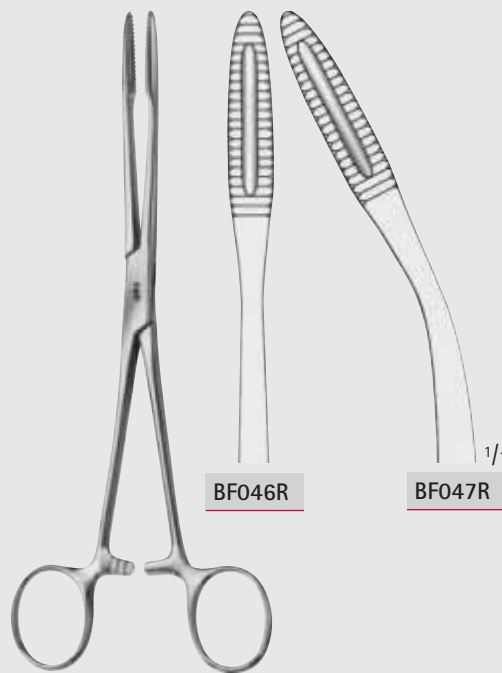
BF040R

BF041R

GROSS

BF040R-BF041R

ohne Sperre
without ratchet
200 mm, 8"



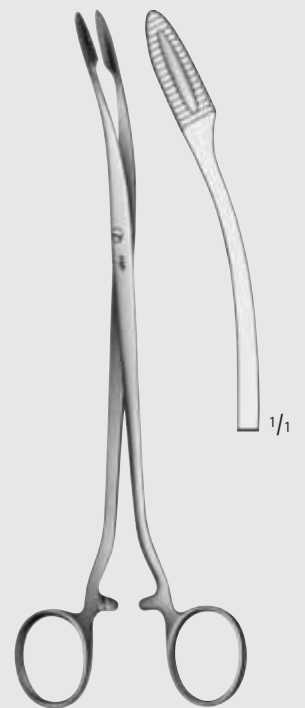
BF046R

BF047R

GROSS

BF046R-BF047R

200 mm, 8"



DUPLAY

BF027R

210 mm, 8 1/4"



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn-, Tupfer- und Waschzangen

Sponge- and Dressing Forceps

BF



AESCULAP

BF060R-BF061R

220 mm, 8 $\frac{3}{4}$ "

BF060R

BF061R



ULRICH-AESCULAP

BF062R-BF065R

BF062R

265 mm

10 $\frac{1}{2}$ "

BF063R

265 mm

10 $\frac{1}{2}$ "

BF065R

350 mm

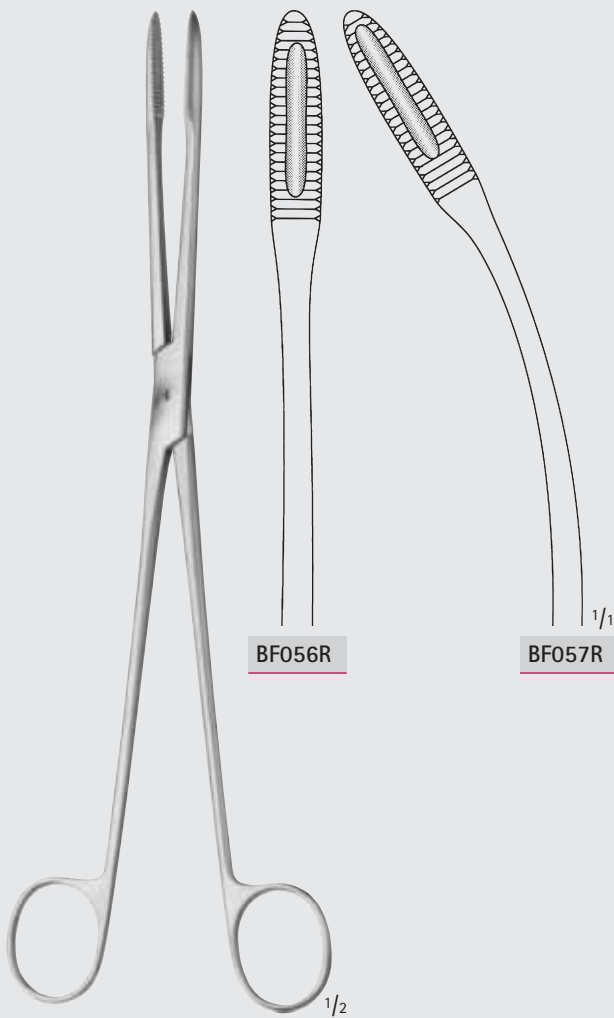
14"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

Sponge- and Dressing Forceps

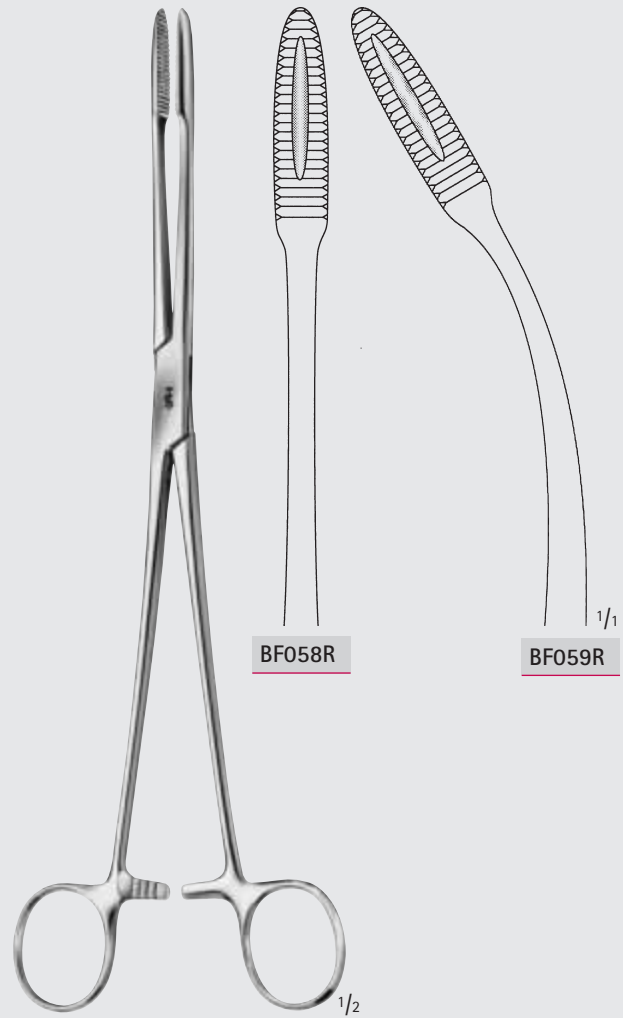
BF



MAIER

BF056R-BF057R

ohne Sperre
without ratchet
265 mm, 10 1/2"



MAIER

BF058R-BF059R

mit Sperre
with ratchet
265 mm, 10 1/2"



MILLIMETERS

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

Sponge- and Dressing Forceps

BF



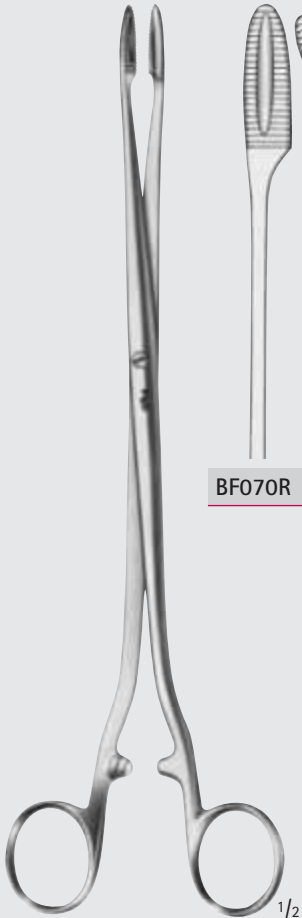
SIMS-MAIER

BF076R-BF078R

BF076R
280 mm
11"

BF077R
280 mm
11"

BF078R
350 mm
14"
1/1



BF070R-BF071R

240 mm, 9 1/2"

BF070R

BF071R
1/1



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen
Sponge- and Dressing Forceps

BF



BF091R

COLLIN

BF091R

240 mm, 9 1/2"

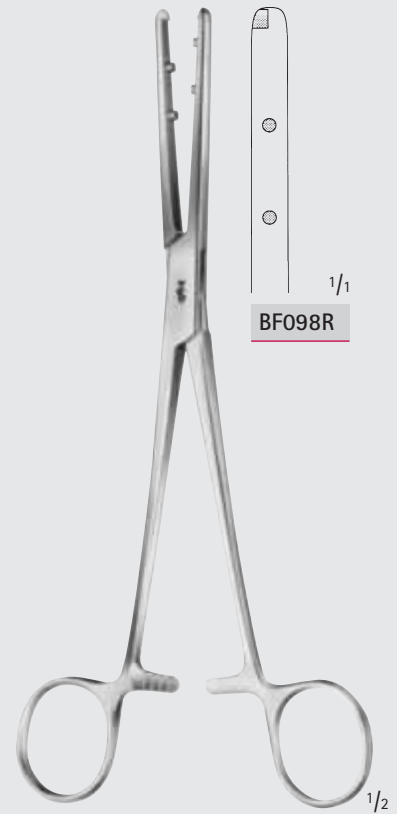


BF092R

CHERON

BF092R

Griffe seitwärts abgewinkelt
Handles angled to side
240 mm, 9 1/2"



BF098R

EMMET

BF098R

210 mm, 8 1/4"



MILLIMETERS

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tupfer-, Schwamm-, Organ- und Gewebefasszangen

Dressing-, Sponge Holding-, Organ- and Tissue Grasping Forceps

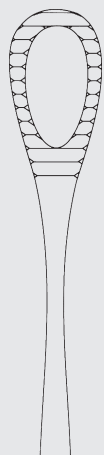
BF



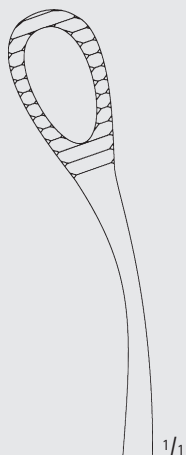
FOERSTER-BALLENGER

BF112R-BF113R

180 mm, 7"



BF112R



BF113R



RAMPLEY

BF116R-BF118R



BF116R

180 mm

7"



BF118R

250 mm

10"



FOERSTER-BALLENGER

BF120R-BF123R

245 mm, 9 3/4"



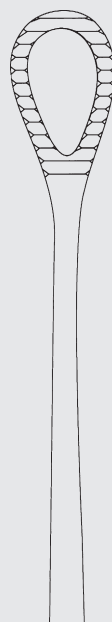
BF120R

glattes Maul
smooth jaws

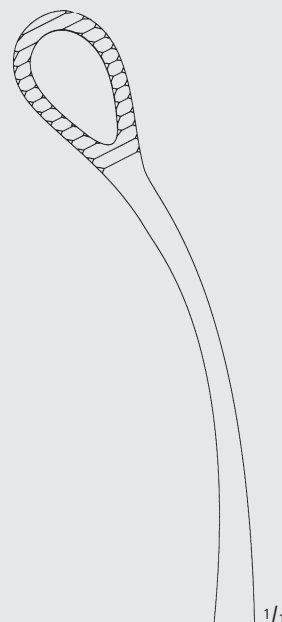


BF121R

glattes Maul
smooth jaws



BF122R



BF123R



DE BAKEY Zahnung



Toothing DE BAKEY

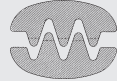
Korn- und Tupferzangen – Sponge- and Dressing Forceps

APRAUMATA®

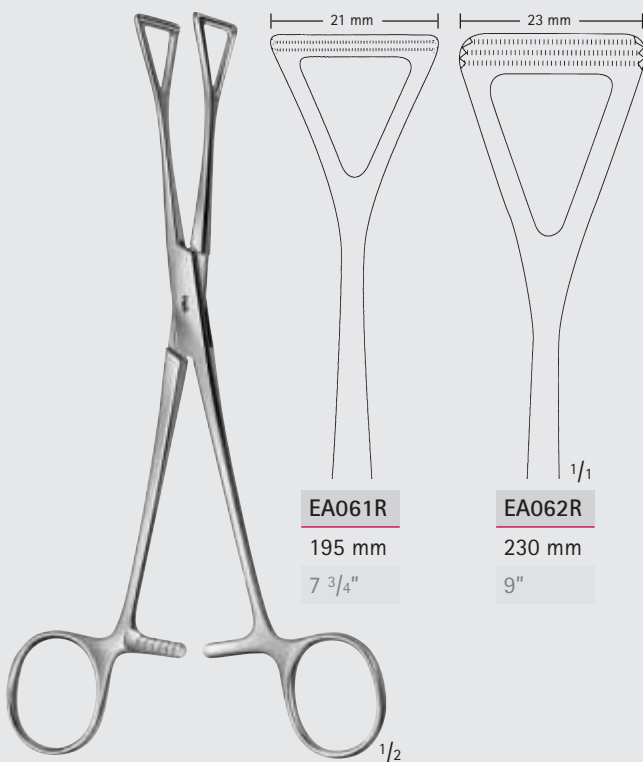
Organ- und Gewebefasszangen
Organ- and Tissue Grasping Forceps

BF

2:3 Zahnreihen



2:3 Teeth rows



EA061R

195 mm

7 3/4"

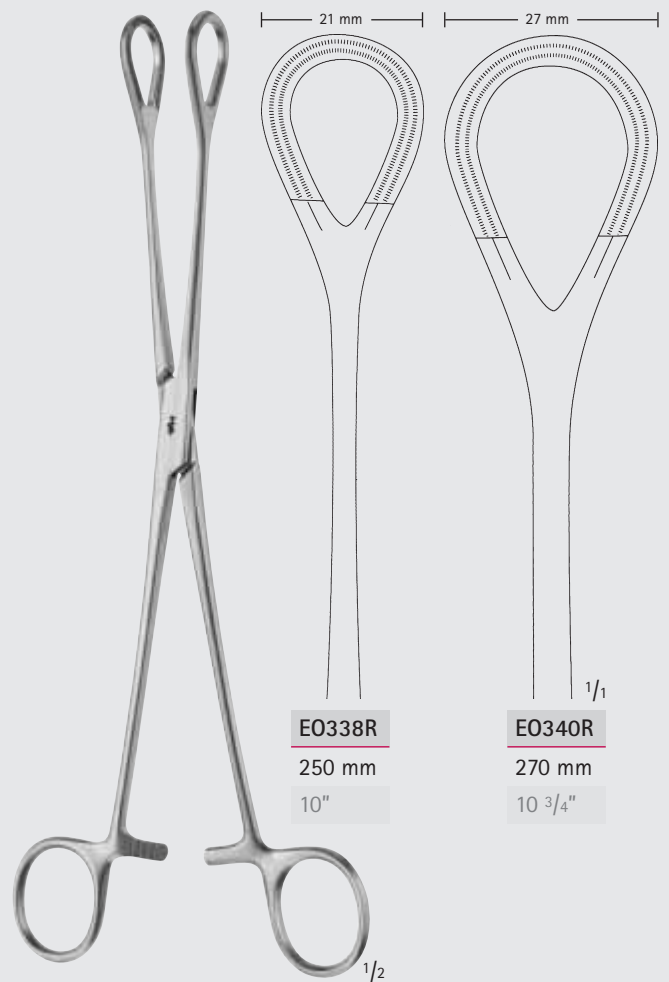
EA062R

230 mm

9"

COLLIN

EA061R-EA062R



E0338R

250 mm

10"

E0340R

270 mm

10 3/4"

E0338R-E0340R



MILLIMETERS

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tupfer-, Schwamm-, Organ- und Gewebefasszangen

Dressing-, Sponge Holding-, Organ- and Tissue Grasping Forceps



COLLIN

AN709R-BH908R



BH906R

160 mm

6 1/4"



BH908R

160 mm

6 1/4"



AN709R

170 mm

6 3/4"



HEYWOOD-SMITH

AN710R

200 mm, 8"



AN710R

1 1/1



HEYWOOD-SMITH MODIF.

AN711R

215 mm, 8 1/2"



AN711R

1 1/1



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tupfer-, Schwamm-, Organ- und Gewebefasszangen
Dressing-, Sponge Holding-, Organ- and Tissue Grasping Forceps

BF



HEYWOOD-SMITH

EO310R

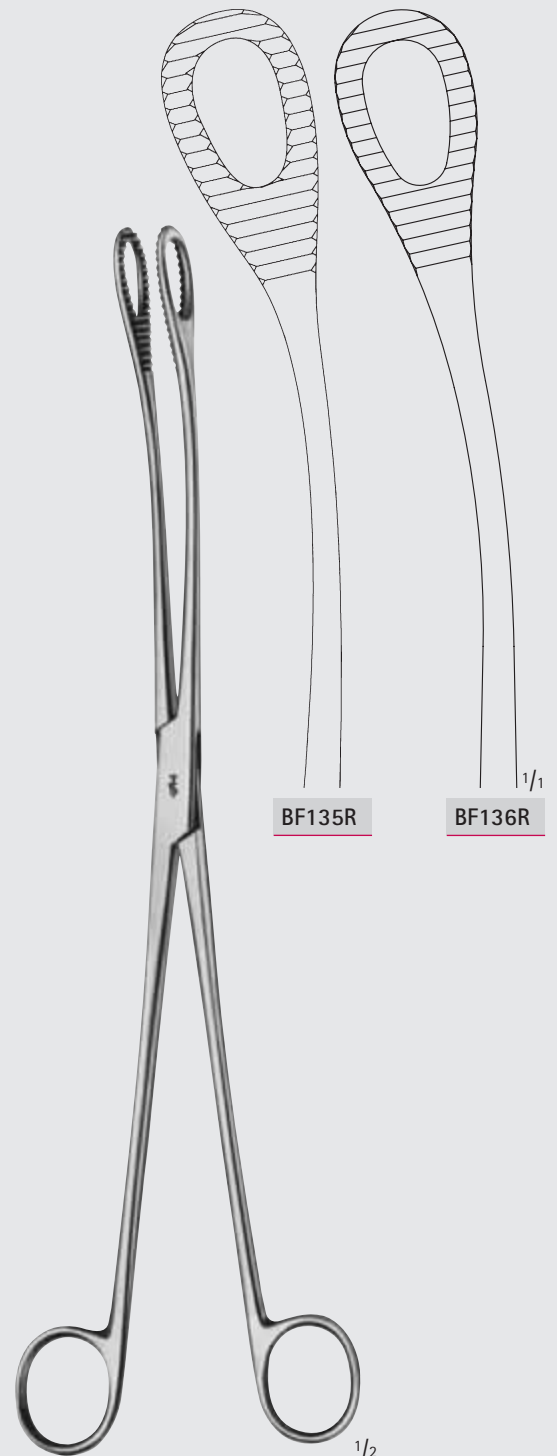
250 mm, 10"



NOTO

EO315R

280 mm, 11"



KELLY

BF135R-BF136R

320 mm, 12 3/4"



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Sehnenfasszangen

Tendon Seizing Forceps



HERZ

BF303R

Sehnenfasszange

Tendon seizing forceps

155 mm, 6"



JACKSON

BF306R

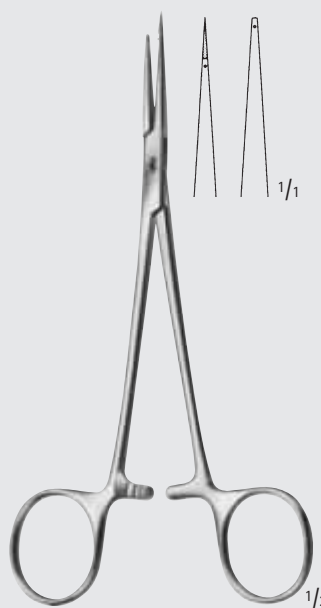
Sehnenfasszange

4 x 5 Zähne

Tendon seizing forceps

4 x 5 teeth

150 mm, 6"



FO950R

Sehneneinflechtzange

Tendon interlacing forceps

150 mm, 6"

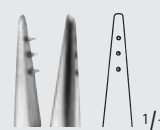


FO951R

Sehneneinflechtzange

Tendon interlacing forceps

150 mm, 6"



BF307R

Sehnenfasszange

Tendon seizing forceps

120 mm, 4 3/4"

BF

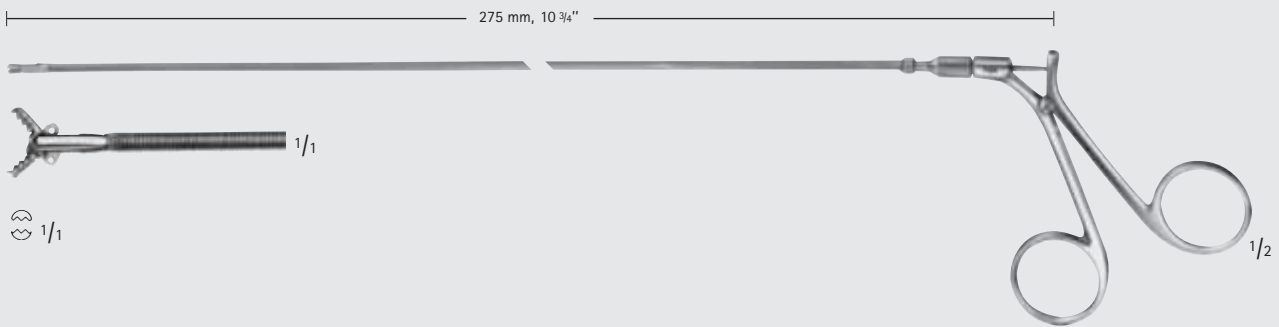


Korn- und Tupferzangen – Sponge- and Dressing Forceps

Sehnenfasszangen

Tendon Seizing Forceps

BF



JÄGER

BF325R

Sehnen- und Kreuzband-
Durchziehzange
flexibler Schaft

Tendon- and cross ligament
passing forceps
flexible shaft



BRAND

BF315R-BF326R

Sehnenführungszangen
Tendon holding forceps

BF315R	BF316R	BF324R	BF326R
gebogen curved	gebogen curved	gerade straight	gerade straight
150 mm	185 mm	150 mm	185 mm
6"	7 1/4"	6"	7 1/4"



KLEINERT-KUTZ

BF320R

Sehrendurchziehzange
Tendon passing forceps
205 mm, 8"



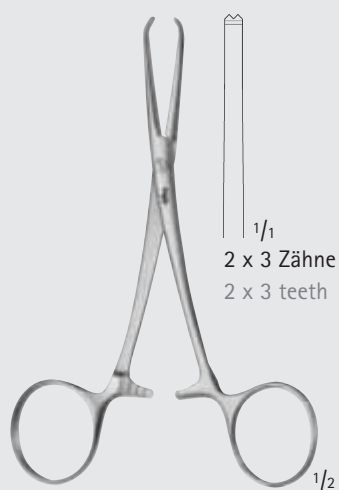
Korn- und Tupferzangen – Sponge- and Dressing Forceps

Arterien- und Gewebefasszangen

Artery Traction- and Tissue Grasping Forceps

weitere Gewebefasszangen siehe Rubrik EA

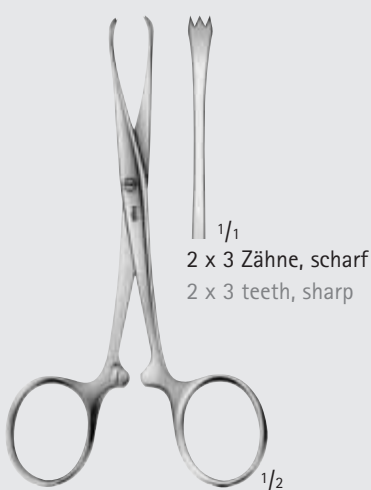
further Tissue grasping forceps see section EA



POIRIER

BF299R

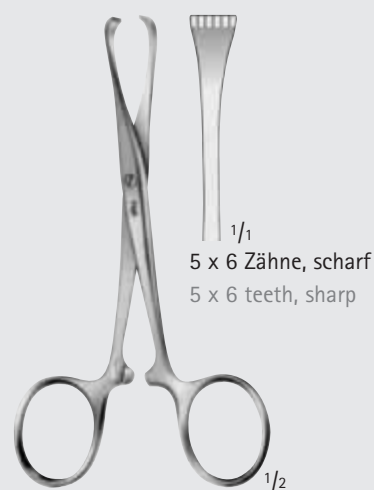
125 mm, 5"



CHAPUT

BF300R

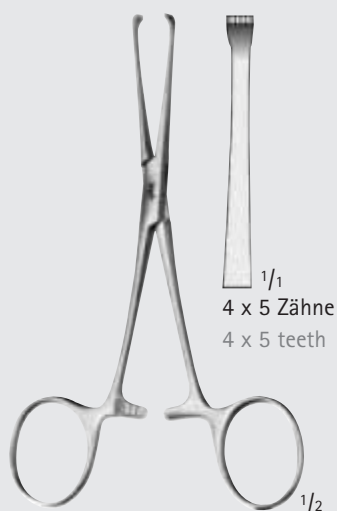
125 mm, 5"



TUFFIER

BF301R

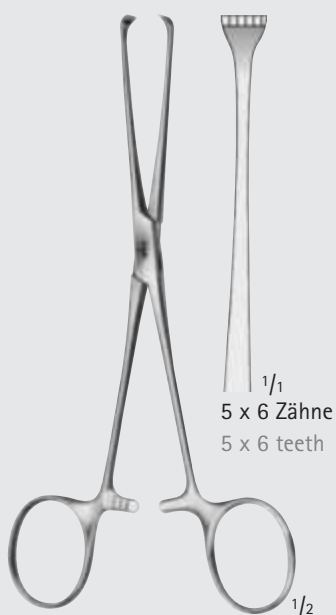
125 mm, 5"



BABY-ALLIS

EA012R

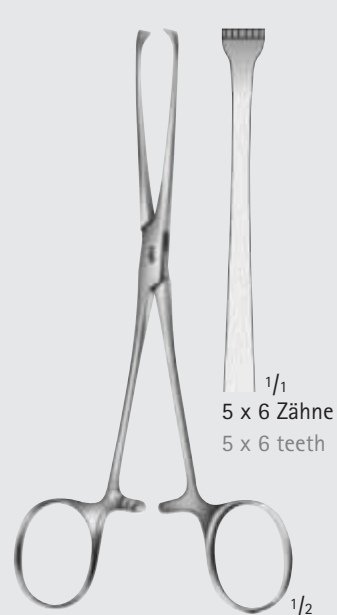
130 mm, 5 1/8"



BOYS-ALLIS

EA010R

155 mm, 6"



ALLIS

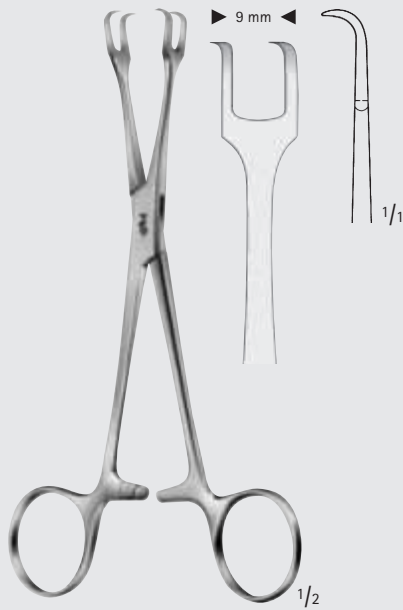
EA016R

155 mm, 6"



Korn- und Tupferzangen – Sponge- and Dressing Forceps Organ- und Gewebefasszangen Organ- and Tissue Grasping Forceps

BF



LAHEY

BF309R

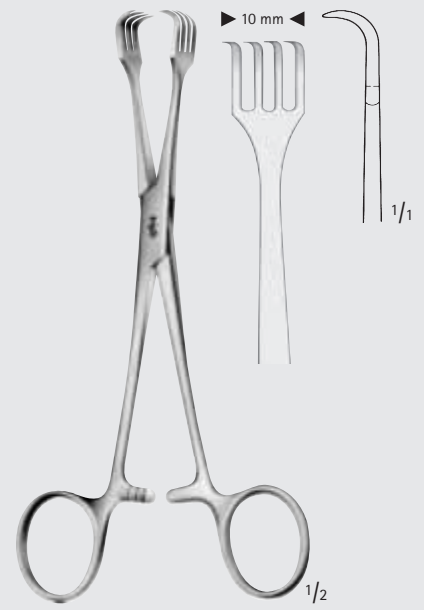
155 mm, 6"



LAHEY

BF310R

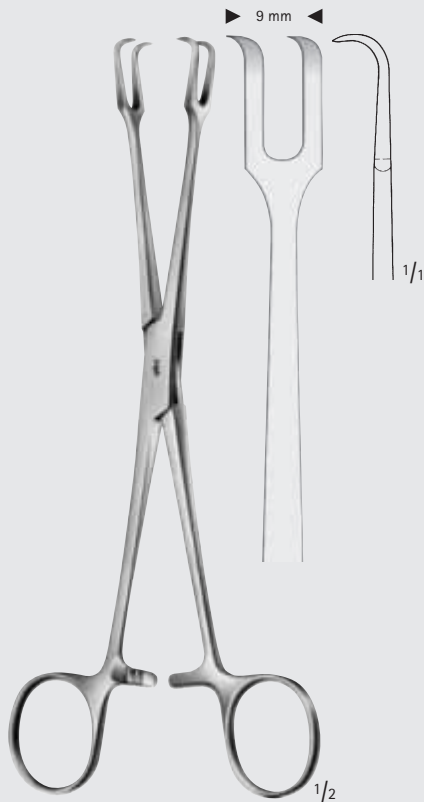
155 mm, 6"



BRAUN

BF311R

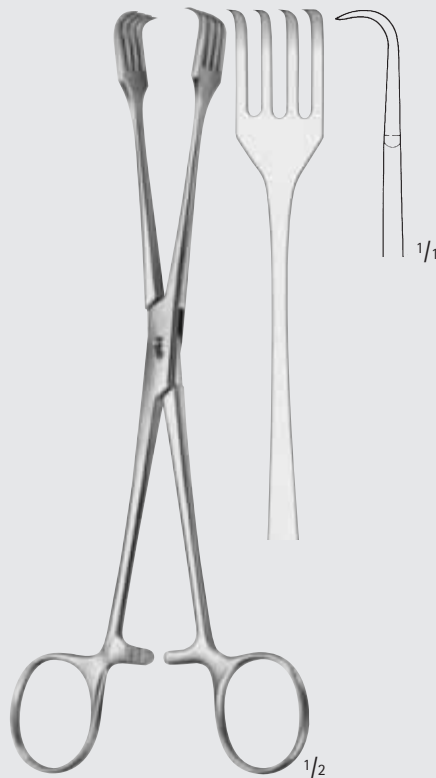
155 mm, 6"



MUSEUX

OM602R

200 mm, 8"



CZERNY

EO164R

200 mm, 8"



SCHRÖDER

EO163R

270 mm, 10 3/4"



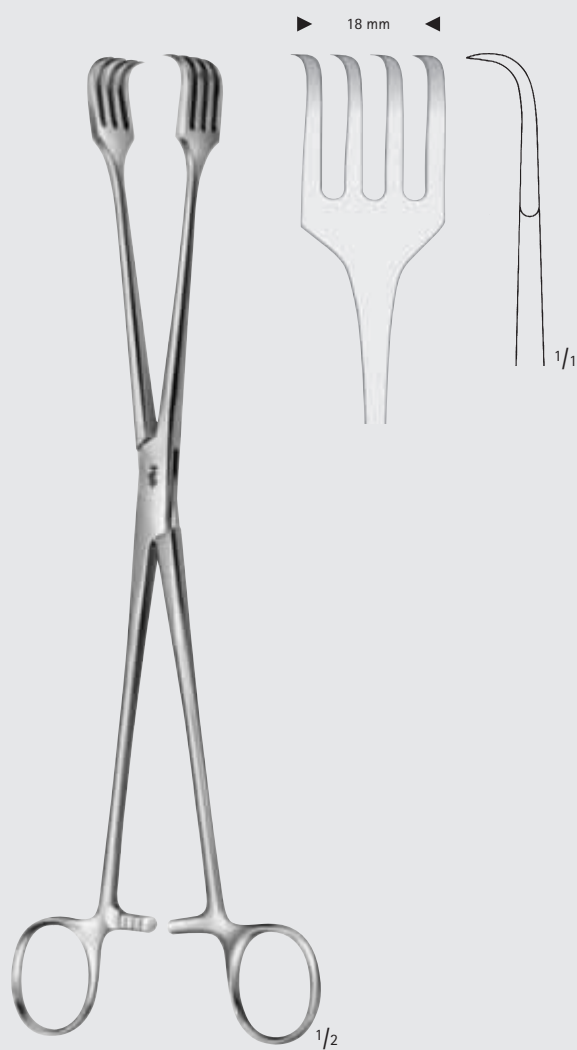
MILLIMETERS

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Organ- und Gewebefasszangen

Organ- and Tissue Grasping Forceps

BF



AESCULAP-PRATT

E0165R

260 mm, 10 1/4"



PRATT

E0166R

270 mm, 10 3/4"



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Organ- und Gewebefasszangen
Organ- and Tissue Grasping Forceps

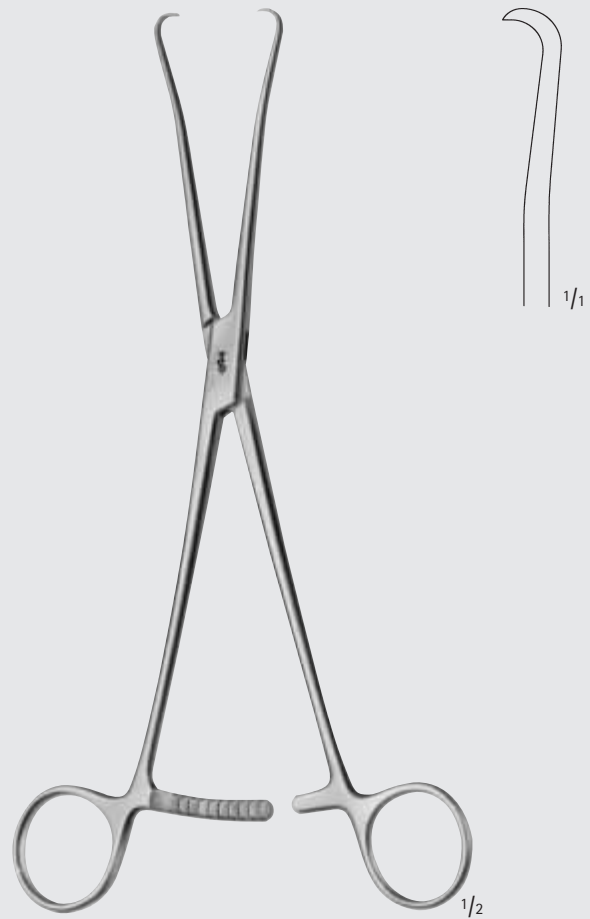
BF



SCHRÖDER

EO110R

250 mm, 10"



WILSON

EO112R

240 mm, 9 1/2"

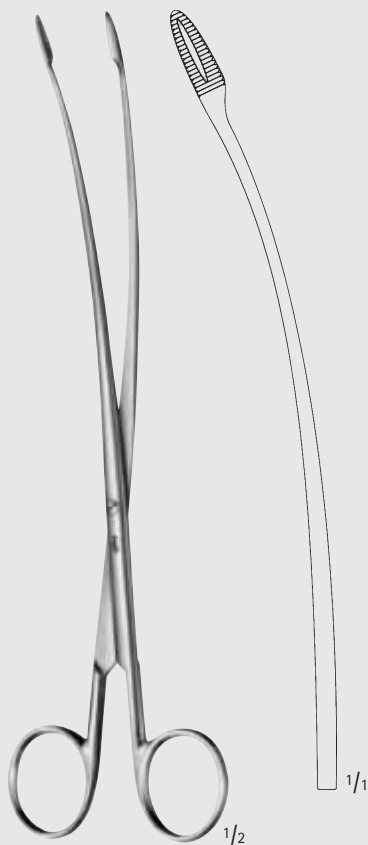


Korn- und Tupferzangen – Sponge- and Dressing Forceps

Fremdkörperzangen

Foreign Body Forceps

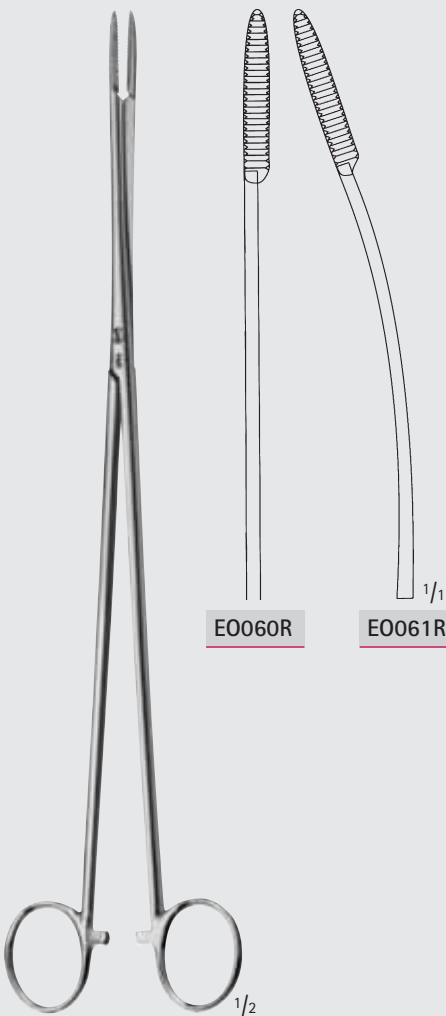
BF



PITHA

EF921R

220 mm, 8 3/4"



PELKMANN

EO060R-EO061R

260 mm, 10 1/4"

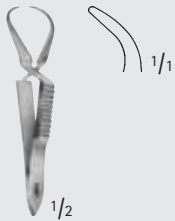


Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

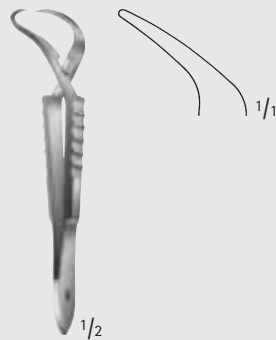
Towel Clamps

BF



BF401R

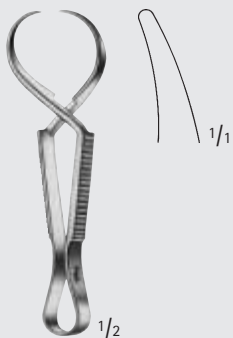
55 mm, 2 1/8"



JONES

BF407R

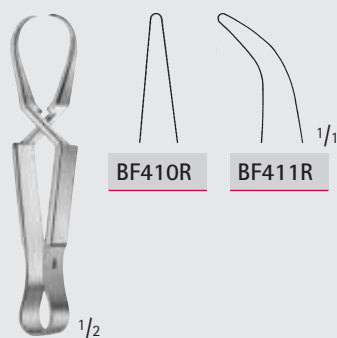
85 mm, 3 3/8"



ENGL.MOD.

BF408R

85 mm, 3 3/8"



SCHAEDEL

BF410R-BF411R

85 mm, 3 3/8"



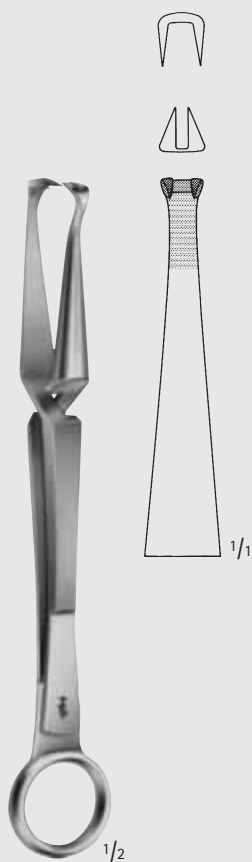
MILLIMETERS

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

Towel Clamps

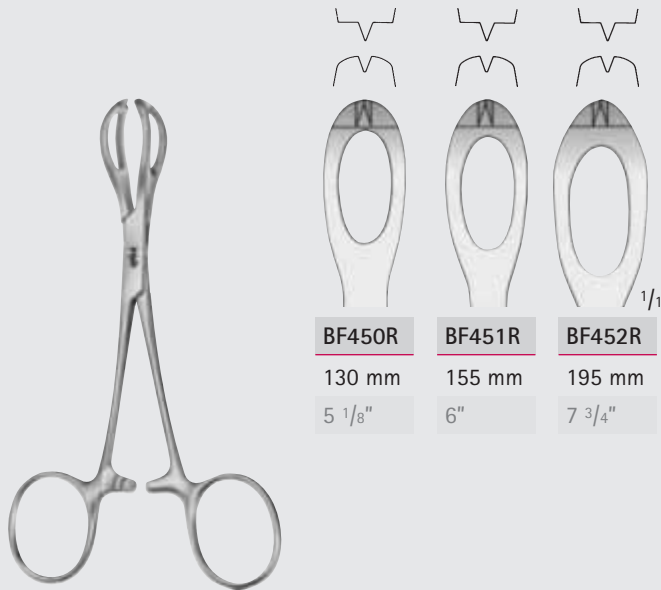
BF



DOYEN

BF417R

180 mm, 7"



BF450R

130 mm

5 1/8"

BF451R

155 mm

6"

BF452R

195 mm

7 3/4"

LANE

BF450R-BF452R

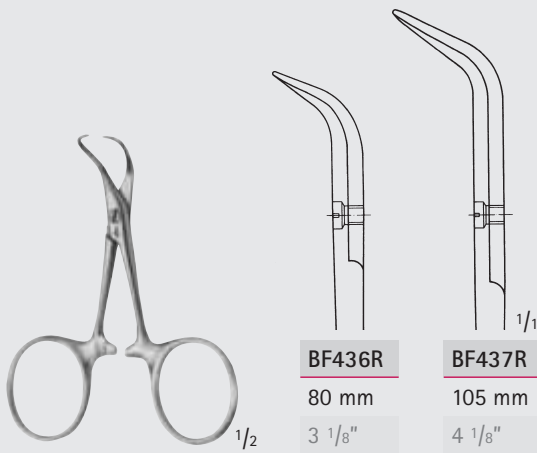


Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

Towel Clamps

BF



BACKHAUS

BF436R-BF437R

BF436R

80 mm

3 1/8"

BF437R

105 mm

4 1/8"



BACKHAUS

BF431R-BF433R

BF431R

90 mm

3 1/2"

BF432R

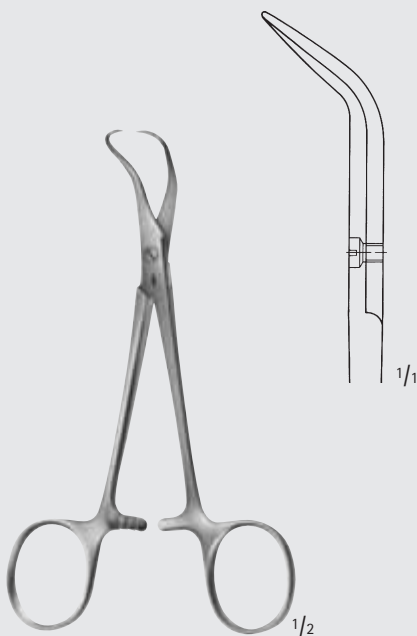
110 mm

4 3/8"

BF433R

135 mm

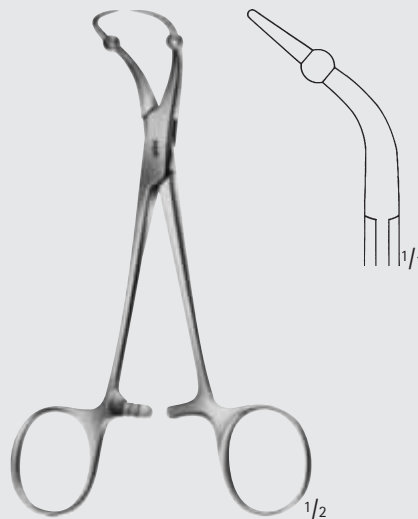
5 1/4"



BACKHAUS-KOCHER

BF444R

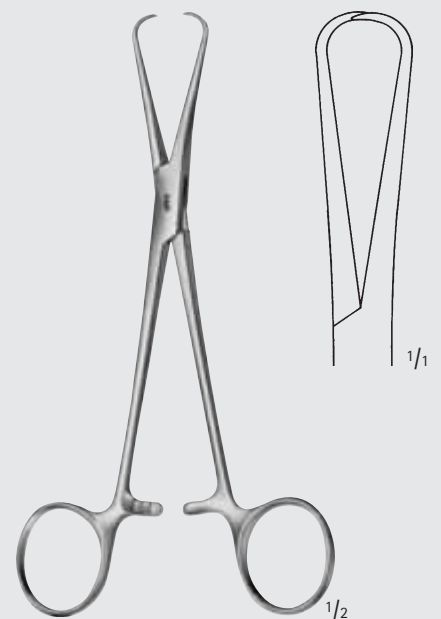
135 mm, 5 1/4"



ROEDER

BF448R

135 mm, 5 1/4"



BERNHARD

BF426R

160 mm, 6 1/4"



MILLIMETERS

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

Towel Clamps



ROBIN

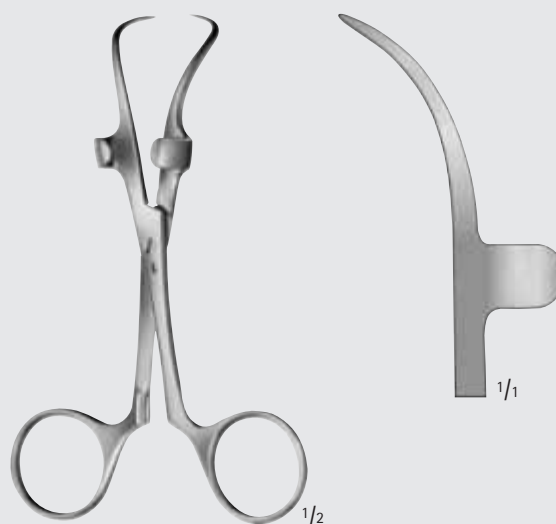
BF439R

mit Kabelhalterung bis 5 mm

Kabelstärke

with holders for cable up to 5 mm

135 mm, 5 1/4"



ROBIN

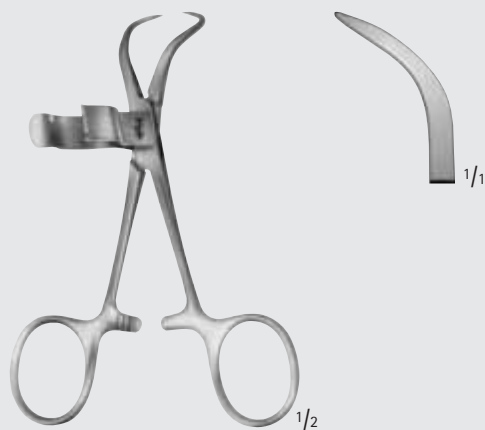
BF440R

mit Schlauchhalterung bis 13 mm

Schlauchstärke

with holders for tubing up to 13 mm

135 mm, 5 1/4"

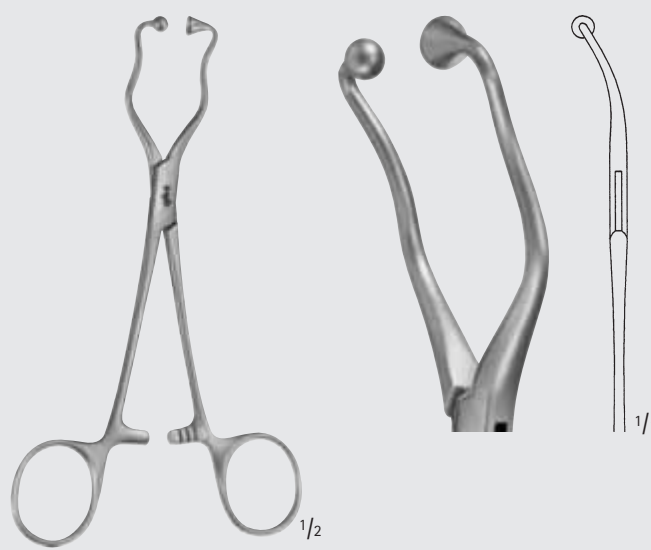


BF442R

mit Schlauchhalterung bis
15 mm Schlauchstärke

with holders for tubing up to 15 mm

110 mm, 4 3/8"



BF443R

Doppelschlauch-Fixierklemme
atraumatische Fassfläche

Tube fixation forceps with
atraumatic jaw parts

140 mm, 5 1/2"

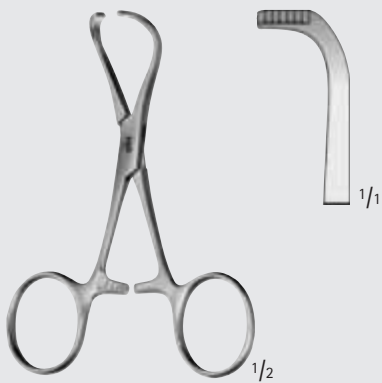
Besonders geeignet für HLM-
Schläuche in der Herzchirurgie
Especially suitable for HLM
tubes for cardiovascular surgery

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

Towel Clamps

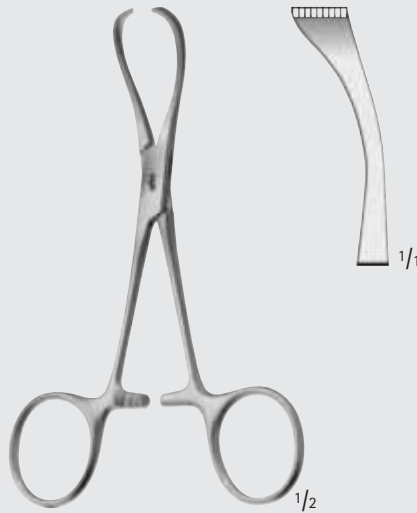
BF



LORNA

BF461R

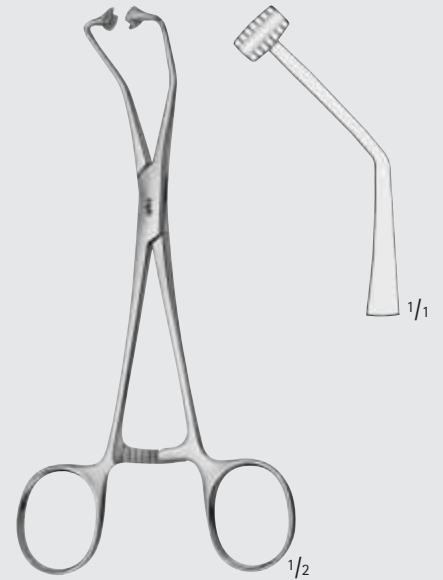
nicht perforierend
non-perforating
95 mm, 3 3/4"



LORNA

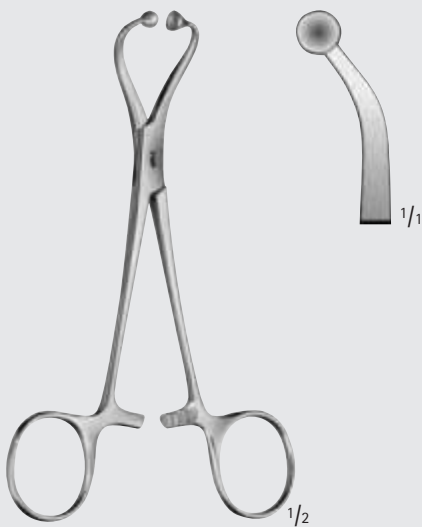
BF463R

nicht perforierend
non-perforating
130 mm, 5 1/8"



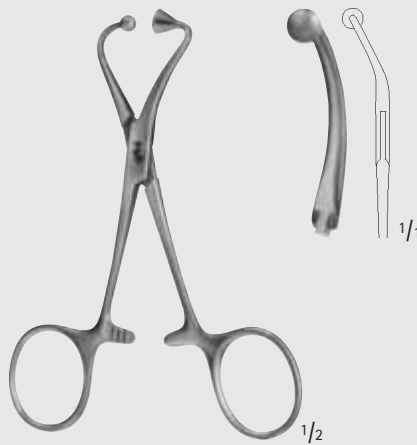
BF460R

für Papiertücher
for paper cloths
150 mm, 6"



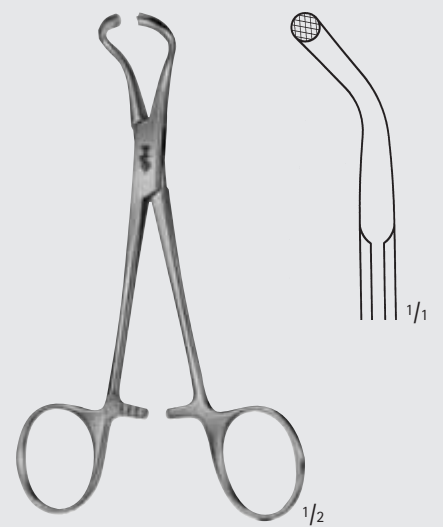
BF464R

für Papiertücher
for paper cloths
140 mm, 5 1/2"



BF465R

für Papiertücher
for paper cloths
115 mm, 4 1/2"



BF466R

für Papiertücher
for towel cloths
135 mm, 5 1/4"



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

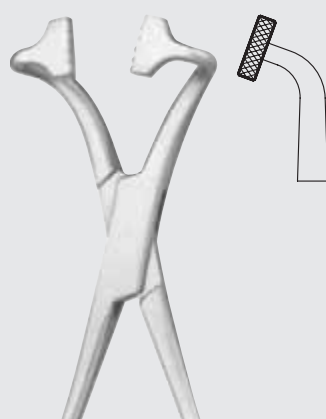
Towel Clamps

BF



BF458R-BF459R

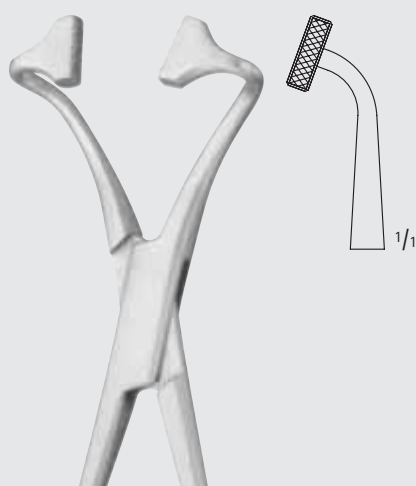
nicht perforierend
non-perforating



BF458R

100 mm

4"



BF459R

135 mm

5 1/4"



Korn- und Tupferzangen – Sponge- and Dressing Forceps

Sterilisierklammern für Ringgriff-Instrumente

Safety Pins for Holding Ring Handle Instruments



BUNT

BF491R

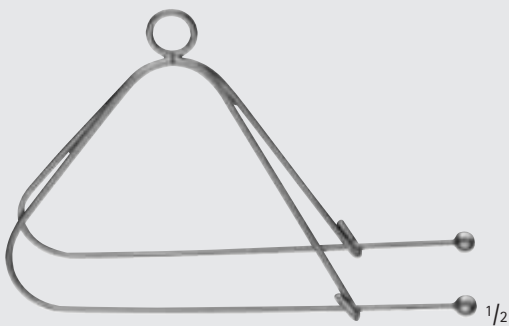
105 mm, 4 1/8"



MAYO

BF493R

140 mm, 5 1/2"



MAYO

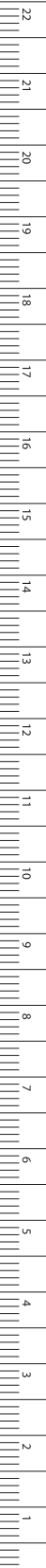
BF494R

doppelt

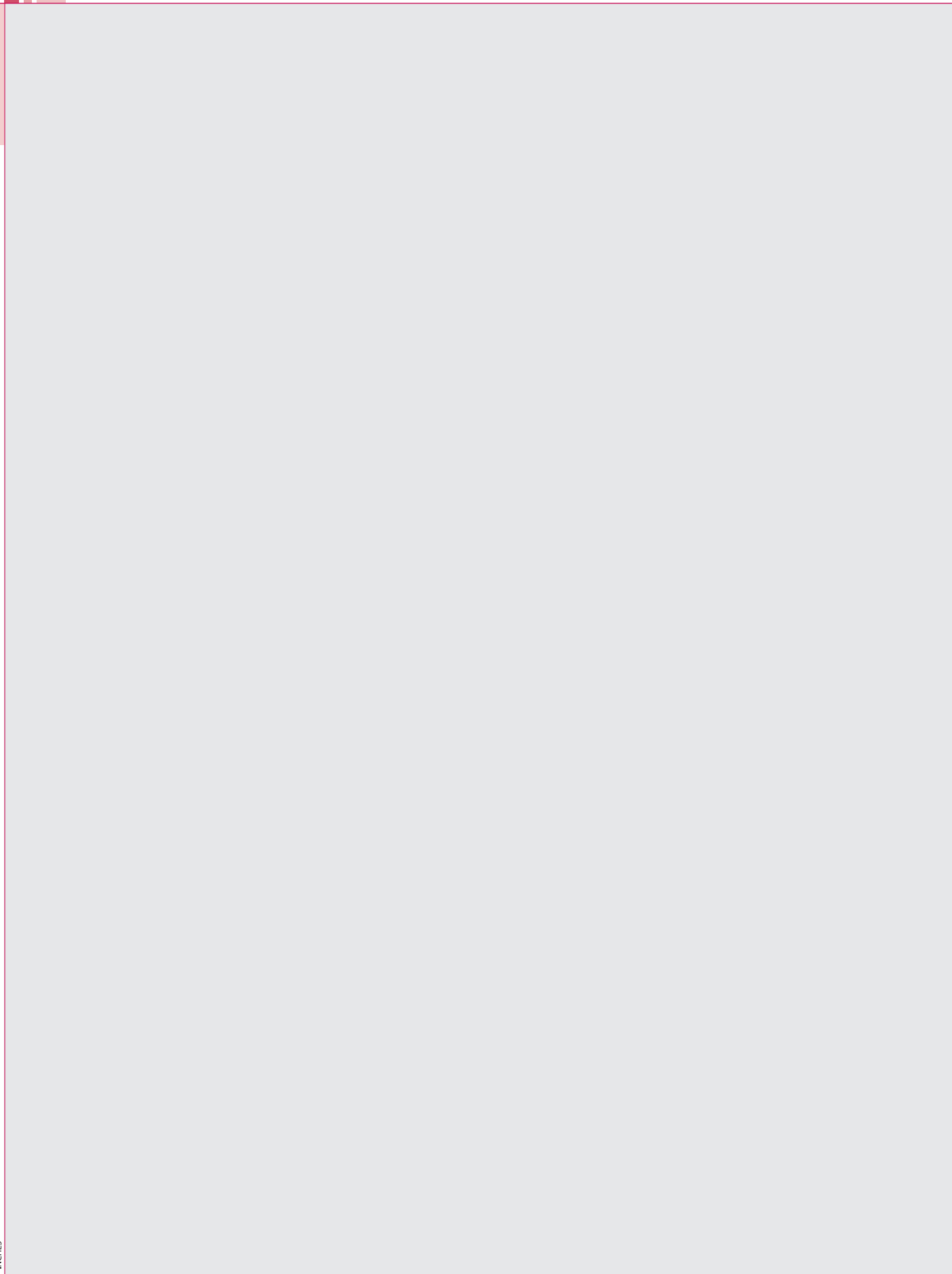
double

125 mm, 5"

BF



MILLIMETERS



BH



Arterienklemmen, Bulldogklemmen,
Gefäßclipse, Approximatoren
Haemostatic Forceps, Bulldog Clamps,
Vessel Clips, Approximators

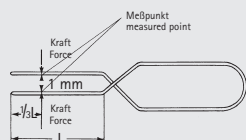
Arterienklemmen – Hemostatic Forceps

Gefäßclips nach BIEMER, Gefäßclips nach MEHDORN, Minigröße

BIEMER Vessel Clips, MEHDORN Vessel Clips, Mini Size

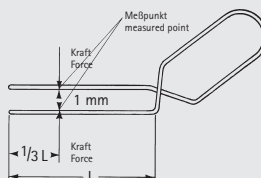
für temporären Gebrauch

- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäße.
- Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.
- Schließkraft-Ermittlung: bei $\frac{1}{3}$ der Gesamtauflänge von vorn und einer Maulöffnung von 1 mm (siehe Zeichnung)



for temporary occlusion

- Blade gripping surface with oblique serrations for safe but careful gripping of vessels.
- No risk due to rigidly fixed pressure measure guarantees application without any risk.
- Closing force is measured at $\frac{1}{3}$ of the blades at 1 mm opening (see illustration).



BIEMER

	Maul- öffnung Jaw opening	Maul- länge Jaw length	Schließkraft Closing force	Anlege- pinzette Applying forceps
 FD560R	4 mm	6 mm	30 – 40 g (0,29 – 0,39 N)	FD568R oder / or FD569R
 FD561R	5 mm	9 mm	30 – 40 g (0,29 – 0,39 N)	
 FD562R	5 mm	9 mm	20 – 25 g (0,20 – 0,25 N)	

(gekennzeichnet durch gelb gefärbte Federenden)
für Gefäße mit Ø 0,5 – 2,0 mm.

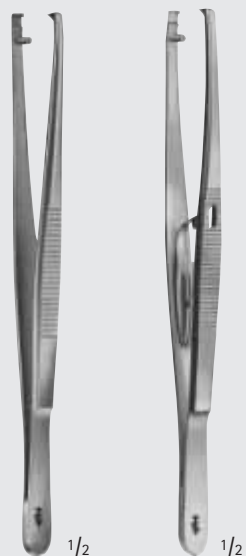
(identified by yellow colored spring ends)
for vessels diam. 0.5 – 2.0 mm.

MEHDORN

	Maul- öffnung Jaw opening	Maul- länge Jaw length	Schließkraft Closing force	Anlege- pinzette Applying forceps
 FD552R	4 mm	1,0 mm	10 – 15 g (0,10 – 0,15 N)	FD578R
 FD554R	4 mm	1,4 mm	15 – 20 g (0,15 – 0,20 N)	
 FD556R	6 mm	1,0 mm	10 – 15 g (0,10 – 0,15 N)	
 FD558R	6 mm	1,4 mm	15 – 20 g (0,15 – 0,20 N)	

(gekennzeichnet durch gelb eingefärbte Federenden)
für Gefäße mit Ø 0,5 – 1,5 mm (extra-intracraniale Anastomosen).

(identified by yellow colored spring ends)
for vessels diam. 0.5 – 1.5 mm (extra-intercranial anastomosis).



FD568R

ohne Schloss
without lock

FD569R

mit Schloss
with lock

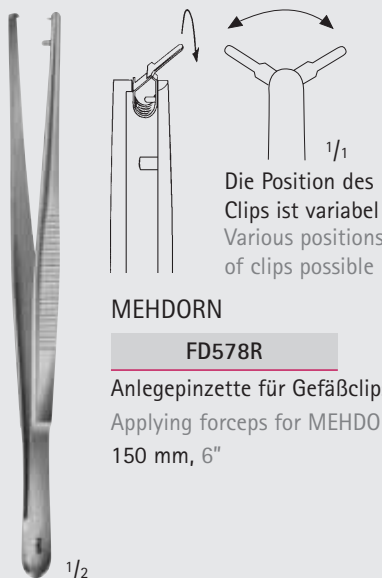
BIEMER

FD568R–FD569R

Anlegepinzetten für Gefäßclips
nach BIEMER und Approximatoren
nach BIEMER-MÜLLER und MÜLLER

Applying forceps for BIEMER vessel
clips and BIEMER-MÜLLER and
MÜLLER approximators

140 mm, 5 1/2"



MEHDORN

FD578R

Anlegepinzette für Gefäßclips nach MEHDORN

Applying forceps for MEHDORN vessel clips
150 mm, 6"



Arterienklemmen – Hemostatic Forceps Approximatoren, nach BIEMER-MÜLLER, BIEMER BIEMER-MÜLLER, BIEMER Approximators

für Mikro-Gefäß Anastomosen im oberflächlichen Bereich

- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäßenden.
- Der fest eingestellte Schließdruck garantiert risikofreie Anwendung.
- Der Abstand zwischen den Clips ist durch einfaches Verschieben variabel und wird durch Verkantung selbsttätig fixiert.
- Die leichte Konstruktion (geringes Gewicht, kleine Dimension) ermöglicht im angelegten Zustand einfaches, verzerrungsfreies Umdrehen, um auf der unteren Gefäßseite weiterzunähen.

for micro vessel anastomosis in the superficial range

- Blade gripping surface with oblique serrations for careful but safe holding of the vessel ends.
- No risk due to rigidly fixed pressure measure.
- Adjustable distance between the clips and automatic fixation by tilting.
- Even when applied, the lightweight construction allows easy, distortionless turning and makes suturing possible on the other side of the vessel.

BIEMER-MÜLLER

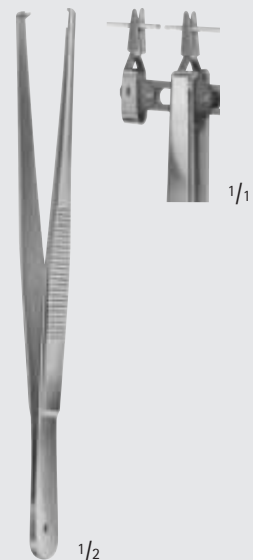
Mikro-Approximatoren

Micro approximators

		Maul- öffnung Jaw opening	Maul- länge Jaw length	Schließkraft Closing force	Anlege- pinzette Applying forceps
FD611R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	
FD612R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	
FD613R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	FD568R oder / or FD569R
FD614R		5 mm	9 mm	25 - 30 g (0,25 - 0,29 N)	
FD615R		3 mm	4,5 mm	25 - 30 g (0,25 - 0,29 N)	

BIEMER

FD571R		4 mm	6 mm	30 - 40 g (0,29 - 0,39 N)	FD572R
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BIEMER

FD572R

Anlegepinzette für Gefäß-
Approximator nach BIEMER
Applying forceps for BIEMER
vessel approximator
145 mm, 5 3/4"

BH



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Approximator, Nerv-Approximator nach BIEMER

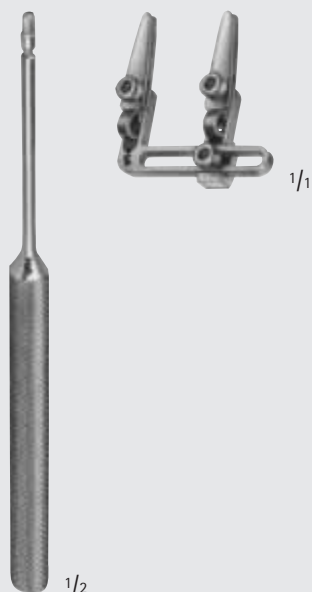
Approximator, BIEMER Approximator for Nerves

für Mikro-Gefäß Anastomosen im tieferen Bereich, außerdem für experimentelle Chirurgie

- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäßenden.
- Der Schließdruck wird mit dem Schlüssel FD576R eingestellt.
- Der Abstand zwischen den Clips ist variabel und wird mit dem Schlüssel FD576R fixiert.

for micro vessel anastomosis in the deeper range, also for experimental surgery

- Blade gripping surface with oblique serrations for careful but safe holding of the vessel ends.
- The pressure measure is adjusted with key FD576R.
- The distance between the clips is variable and fixed with key FD576R.



FD575R

Approximator komplett, mit Schlüssel FD576R
Approximator complete, with key FD576R

zur sicheren Adaption bei Nervanastomosen

- Das Durchstreichen des Nervenzentrums mit feinen Nadeln verhindert stärkere pathologische Veränderungen.
- Nadeln mit Schlüssel FD576R auswechselbar.
- Abstand zwischen den Nadeln variabel und mit Schlüssel FD576R fixierbar.

for safe adaption of nerve anastomoses

- Piercing the nerve centre with fine needles prevents strong pathological changes.
- Needles can be exchanged with key FD576R.
- Distance between the needles is variable and can be fixed with key FD576R.



BIEMER

FD635R

Nerv-Approximator komplett, mit Schlüssel FD576R

Approximator for nerves complete, with key FD576R

FD636R

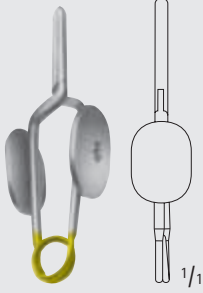
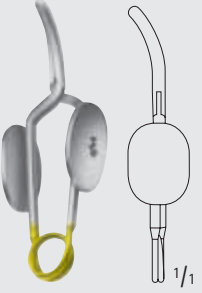
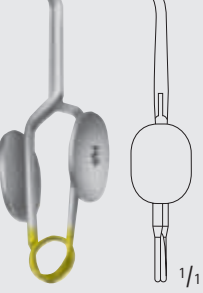
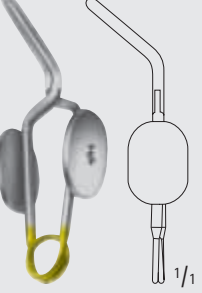
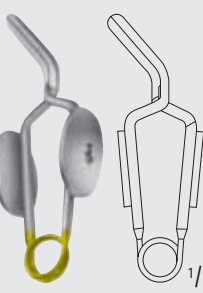
1 Paar Ersatznadeln
1 pair of spare needles



Arterienklemmen – Hemostatic Forceps

Gefäßclips
Vessel Clips

BH

Schließdruck Closing force					
50 g	<u>FE010K</u>	<u>FE011K</u>	<u>FE012K</u>	<u>FE013K</u>	<u>FE014K</u>
80 g	<u>FE020K</u>	<u>FE021K</u>	<u>FE022K</u>	<u>FE023K</u>	<u>FE024K</u>
	gerade straight	gebogen curved	Spitze gebogen curved tips	zur Seite abgewinkelt angled to side	kniegebogen knee-bent

MÜLLER

FE010K-FE024K

Temporäre Gefäßclips mit atraumatischem Maulprofil
Non-traumatic vessel clips, temporary



1/1
Maulprofil fein kariert
jaw profiles, finely
cross-serrated

MÜLLER

FE005K

Fadenklemme
Ligature Forceps



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Gefäßclips

Vascular Clips

DE BAKEY Zahnung



Toothing DE BAKEY

Gefäßclips nach MÜLLER

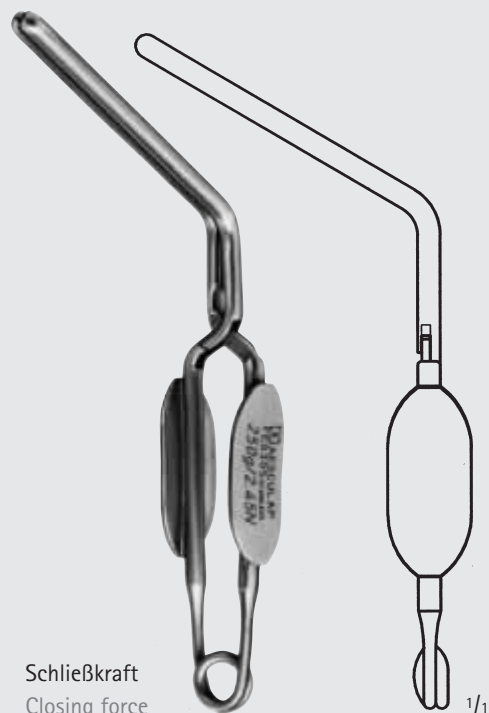
Merkmale:

- Atraumatisches Maulprofil
- Beidseitig angebrachte Griffplateaus zum sicheren Anlegen und Abnehmen des Clips.
- Exakt definierter Schließdruck für arterielle und venöse Gefäße.
- Gefäßclips eindeutig mit Schließdruck gekennzeichnet.
- Geschlossener Maulkasten zur sicheren Maulführung. Kein ungewolltes Verfangen des Fadens möglich.

MÜLLER Vascular Clips

Features:

- Atraumatic mouth profile
- Handle plateau mounted on both sides for secure application and removal of the clip.
- Exactly defined closing pressure for arterial and venous vessels.
- Vascular clips are clearly marked with closing pressure.
- Closed mouth box guarantees precise guidance of the working tips. No risk of threads getting tangled up in clip.



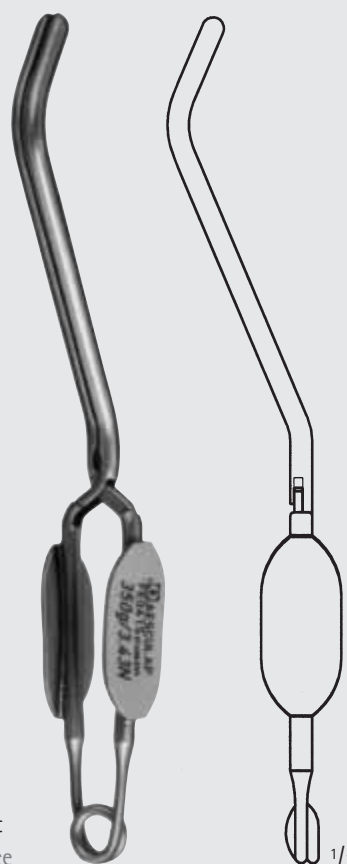
Schließkraft
Closing force

MÜLLER

250 g FE030S

350 g FE040S

gerade
straight



Schließkraft
Closing force

MÜLLER

250 g FE031S

350 g FE041S

gebogen
curved



DE BAKEY Zahnung



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Arterienklemmen – Hemostatic Forceps

Gefäßclips
Vascular Clips

BH



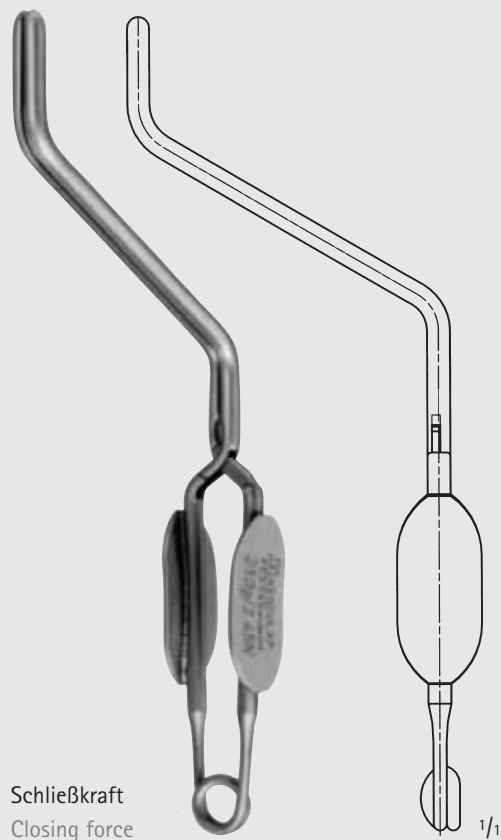
Schließkraft
Closing force

MÜLLER

250 g FE032S

350 g FE042S

Spitze gebogen
curved tips



Schließkraft
Closing force

MÜLLER

250 g FE034S

350 g FE044S

kniegebogen
knee-bent



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen

Bulldog Clamps



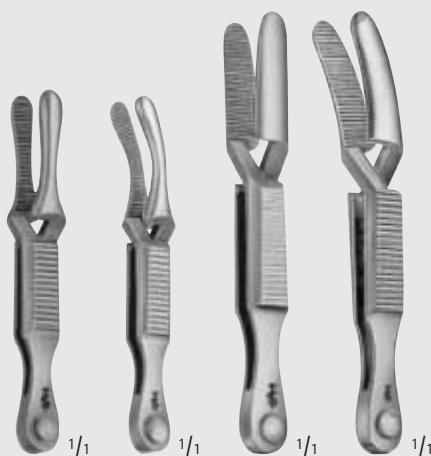
JOHNS-HOPKINS

BH018R

Zange zum Anlegen und Abnehmen der Bulldogklemmen BH011R - BH031R und FB420R - FB427R

Forceps for applying and removing bulldog clamps BH011R - BH031R and FB420R - FB427R

240 mm, 9 3/4"



BH020R

BH021R

BH026R

BH027R

BH022R

BH023R

DIEFFENBACH

Gesamtlänge: Maullänge:

Total length: Jaw length:

BH020R	38 mm, 1 1/2"	12 mm, 1/2"
BH022R	48 mm, 2"	16 mm, 5/8"
BH021R	38 mm, 1 1/2"	12 mm, 1/2"
BH023R	48 mm, 2"	16 mm, 5/8"
BH026R	58 mm, 2 1/8"	16 mm, 5/8"
BH027R	58 mm, 2 1/8"	16 mm, 5/8"



BH011R-BH017R

JOHNS-HOPKINS

Gesamtlänge: Maullänge:

Total length: Jaw length:

BH011R	38 mm, 1 1/2"	12 mm, 1/2"
BH012R	48 mm, 2"	17 mm, 5/8"
BH013R	56 mm, 2 1/8"	25 mm, 1"
BH014R	63 mm, 2 1/2"	30 mm, 1 3/16"
BH015R	70 mm, 2 3/4"	33 mm, 1 1/4"
BH016R	80 mm, 3 1/8"	42 mm, 1 3/4"
BH017R	91 mm, 3 1/2"	52 mm, 2"



Arterienklemmen – Hemostatic Forceps

Bulldogklemmen

Bulldog Clamps



1/1

DE BAKEY-HESS

BH030R

Gesamtlänge: 34 mm
Total length: 1 3/8"
Maullänge: 20 mm
Jaw length: 3/4"



FB328R

Gesamtlänge: 35 mm
Total length: 1 3/8"
Maullänge: 14 mm
Jaw length: 1/2"



FB329R

Gesamtlänge: 35 mm
Total length: 1 3/8"
Maullänge: 14 mm
Jaw length: 1/2"



FB330R

Gesamtlänge: 45 mm
Total length: 1 3/4"
Maullänge: 19 mm
Jaw length: 3/4"



1/1

FB331R

Gesamtlänge: 45 mm
Total length: 1 3/4"
Maullänge: 19 mm
Jaw length: 3/4"



1/1

DE BAKEY-HESS

BH031R

Gesamtlänge: 43 mm
Total length: 1 7/10"
Maullänge: 30 mm
Jaw length: 1 3/16"



DIETRICH

MB285R

Gesamtlänge: 55 mm
Total length: 2 1/8"
Maullänge: 13 mm
Jaw length: 1/2"



DIETRICH

BH032R

Gesamtlänge: 48 mm
Total length: 1 7/8"
Maullänge: 10 mm
Jaw length: 3/8"



1/1

DIETRICH

BH034R

Gesamtlänge: 48 mm
Total length: 1 7/8"
Maullänge: 13 mm
Jaw length: 1/2"

BH



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen

Bulldog Clamps

DE BAKEY Zahnung



Toothing DE BAKEY

AIRAUMATA®

Mini-Bulldogklemmen

Schließdruck 180 g

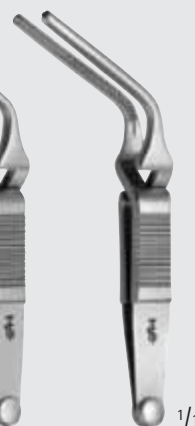
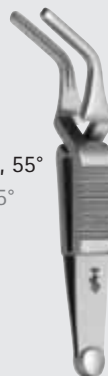
Mini-bulldog clamps

Closing force 180 g

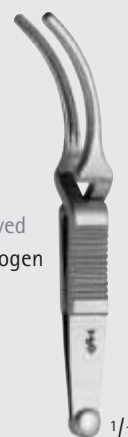
gerade
straight



gewinkelt, 55°
angled, 55°



curved
gebogen



FB362R

FB364R

FB366R

FB363R

FB365R

FB367R

FB369R

Gesamtlänge:

50 mm

55 mm

60 mm

50 mm

50 mm

55 mm

55 mm

Total length:

2"

2 1/8"

2 3/8"

2"

2"

2 1/8"

2 1/8"

Maullänge:

10 mm

14 mm

20 mm

10 mm

14 mm

20 mm

20 mm

Jaw length:

3/8"

1/2"

3/4"

3/8"

1/2"

3/4"

3/4"



DE BAKEY

DE BAKEY

GLOVER

DE BAKEY

DE BAKEY

DE BAKEY

FB352R

FB353R

FB431R

FB357R

FB358R

FB359R

Gesamtlänge:

50 mm

48 mm

52 mm

73 mm

99 mm

95 mm

Total length:

2"

2"

2"

2 3/4"

4"

3 1/2"

Maullänge:

27 mm

27 mm

35 mm

38 mm

63 mm

54 mm

Jaw length:

1 1/8"

1 1/8"

1 1/3"

1 1/2"

2 1/2"

2 1/8"

BH



DE BAKEY Zahnung



Toothing DE BAKEY

TRAUMATA®

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen

Bulldog Clamps

BH



DE BAKEY

FB420R

Gesamtlänge: 80 mm

Total length: 3 1/8"

Maullänge: 25 mm

Length of jaw: 1"

DE BAKEY

FB422R

90 mm

3 1/2"

35 mm

1 3/8"

DE BAKEY

FB424R

105 mm

4 1/8"

50 mm

2"

DE BAKEY

FB426R

124 mm

5"

68 mm

2 3/4"



DE BAKEY

FB421R

78 mm

3 1/8"

23 mm

1"

DE BAKEY

FB423R

86 mm

3 3/8"

31 mm

1 1/8"

DE BAKEY

FB425R

97 mm

3 3/4"

42 mm

1 3/4"

DE BAKEY

FB427R

114 mm

4 1/2"

58 mm

2 3/8"



GLOVER

FB432R

Gesamtlänge: 68 mm

Total length: 2 3/4"

Maullänge: 33 mm

Length of jaw: 1 3/8"

GLOVER

FB434R

96 mm

3 3/4"

50 mm

2"

GLOVER

FB436R

117 mm

4 3/4"

69 mm

2 3/4"



GLOVER

FB433R

65 mm

2 1/2"

33 mm

1 3/8"

GLOVER

FB435R

91 mm

3 1/2"

50 mm

2"

GLOVER

FB437R

110 mm

4 3/8"

69 mm

2 3/4"



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Feine Arterieklemmen

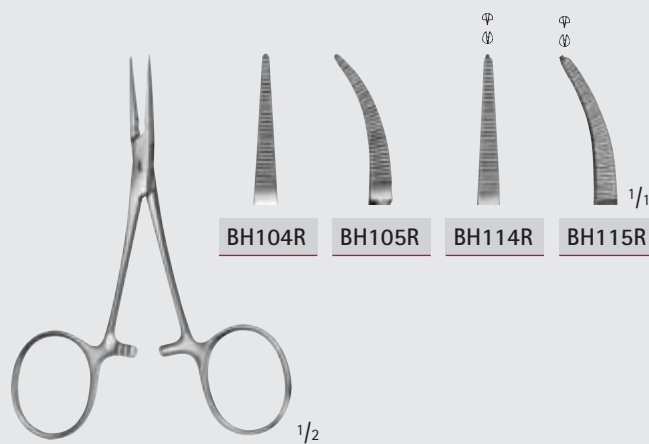
Delicate Hemostatic Forceps



CARREL

BH100R

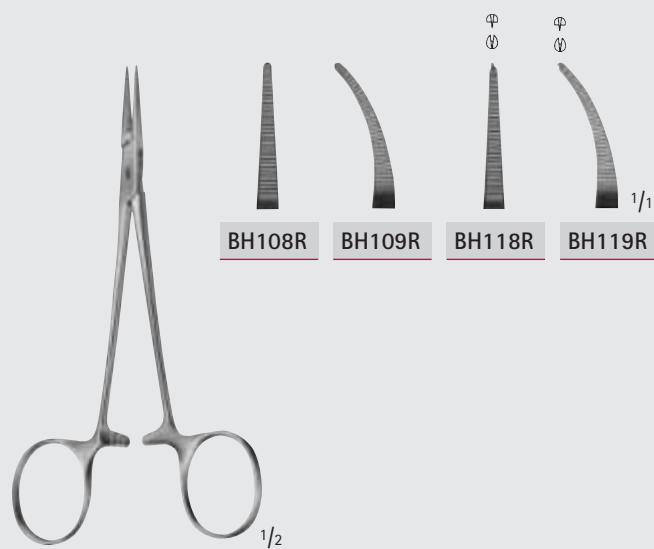
85 mm, 3 3/8"



BABY-MOSQUITO
(HARTMANN)

BH104R-BH115R

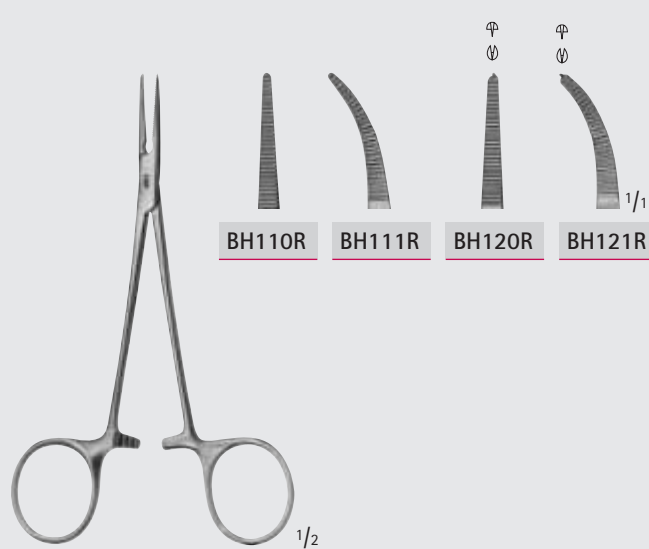
100 mm, 4"



MICRO-HALSTED

BH108R-BH119R

125 mm, 5"



HALSTED-MOSQUITO

BH110R-BH121R

125 mm, 5"

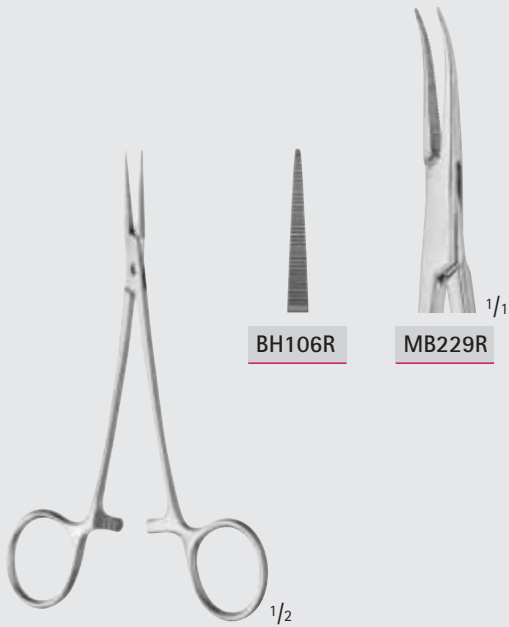


Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps

BH



JACOBSON

BH106R-MB229R

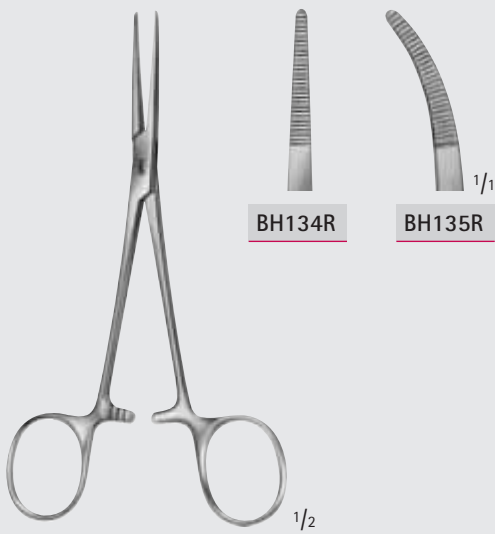
125 mm, 5"



PROVIDENCE-HOSPITAL

BH130R-BH131R

140 mm, 5 1/2"



KELLY

BH134R-BH135R

140 mm, 5 1/2"



DANDY

BH139R-BH143R

seitwärts gebogen
curved to side
140 mm, 5 1/2"

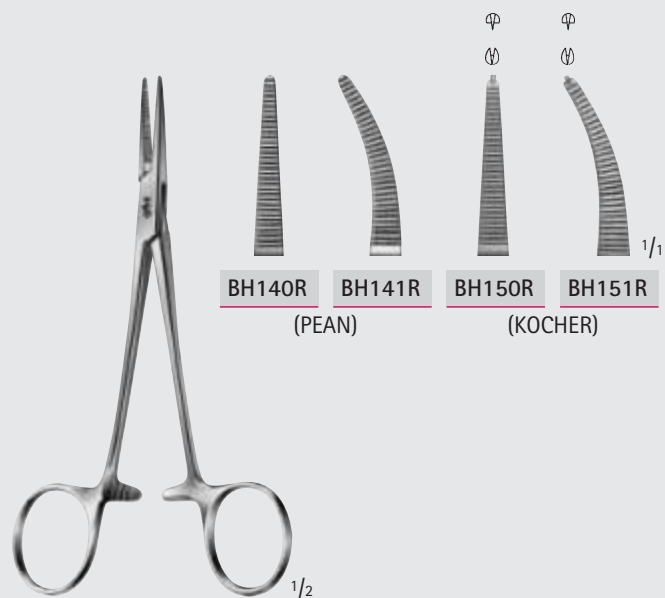


MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

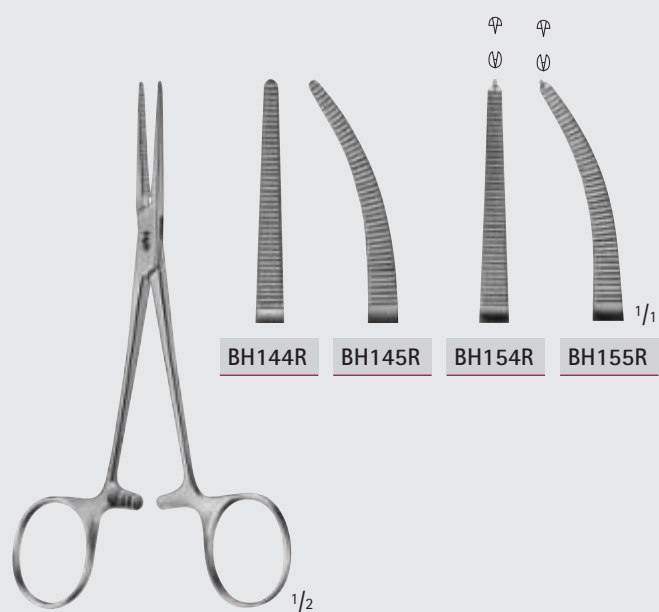
Delicate Hemostatic Forceps



BABY-CRILE

BH140R-BH151R

140 mm, 5 1/2"



CRILE

BH144R-BH155R

140 mm, 5 1/2"



DUNHILL

BH123R

125 mm, 5"



Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps

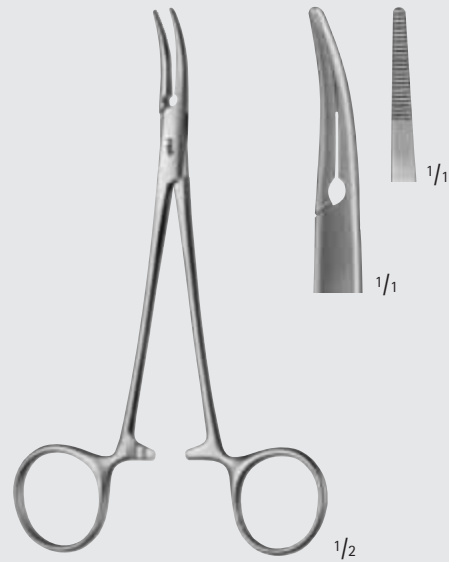
BH



CAIRNS

BH124R-BH125R

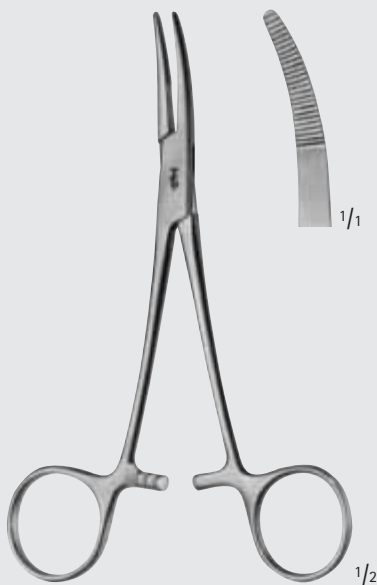
150 mm, 6"



CAIRNS

BH126R

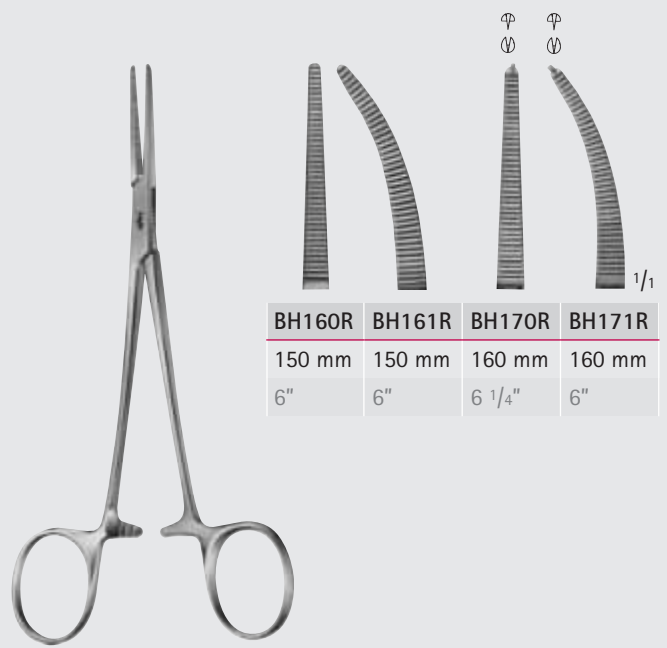
seitwärts gebogen
curved to side
145 mm, 5 3/4"



MOYNIHAN

BH127R

150 mm, 6"



LERICHE

BH160R-BH171R

BH160R	BH161R	BH170R	BH171R
150 mm	150 mm	160 mm	160 mm
6"	6"	6 1/4"	6"



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

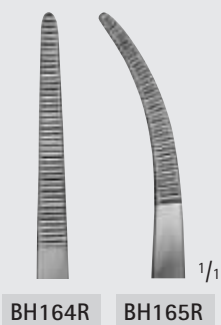
Delicate Hemostatic Forceps



RANKIN

BH164R-BH165R

160 mm, 6 1/4"



BH164R

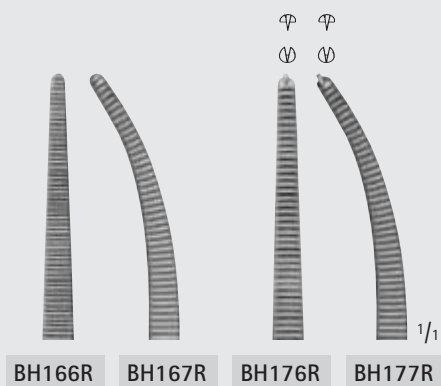
BH165R



CRILE

BH166R-BH177R

160 mm, 6 1/4"



BH166R

BH167R

BH176R

BH177R



COLLER

MD464-MD469



MD464

140 mm

5 1/2"



MD466R

165 mm

6 1/2"



MD468

185 mm

7 1/4"



MD465R

140 mm

5 1/2"



MD467R

165 mm

6 1/2"



MD469

185 mm

7 1/4"



Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen
Delicate Hemostatic Forceps

BH



DIXON-LOVELACE

BH168R-BH178R

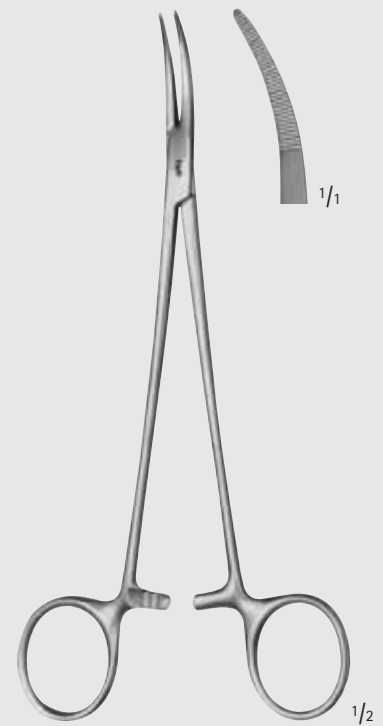
160 mm, 6 1/4"



FUCHSIG

BH198R

195 mm, 7 3/4"



NISSEN

BH199R

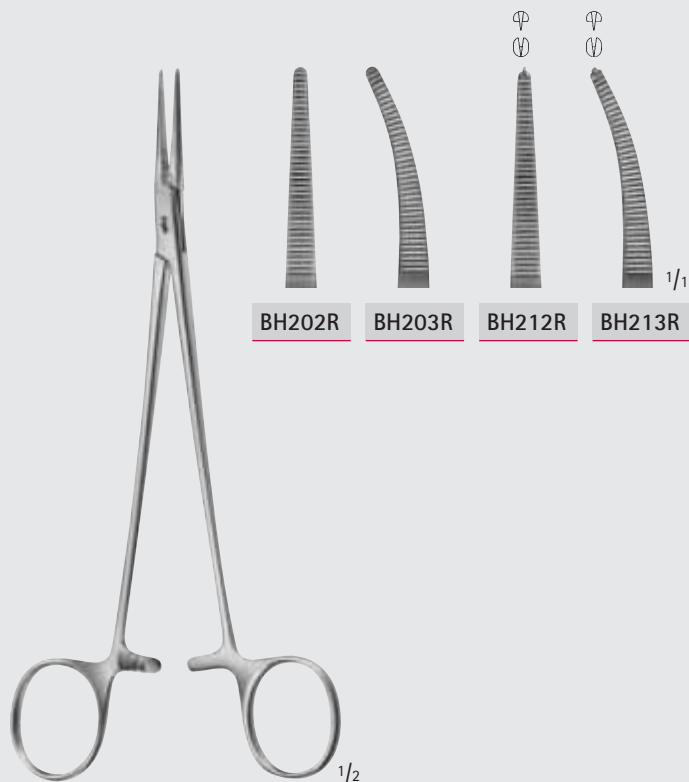
185 mm, 7 1/4"



ADSON

BH200R-BH201R

185 mm, 7 1/4"



HALSTED

BH202R-BH213R

185 mm, 7 1/4"

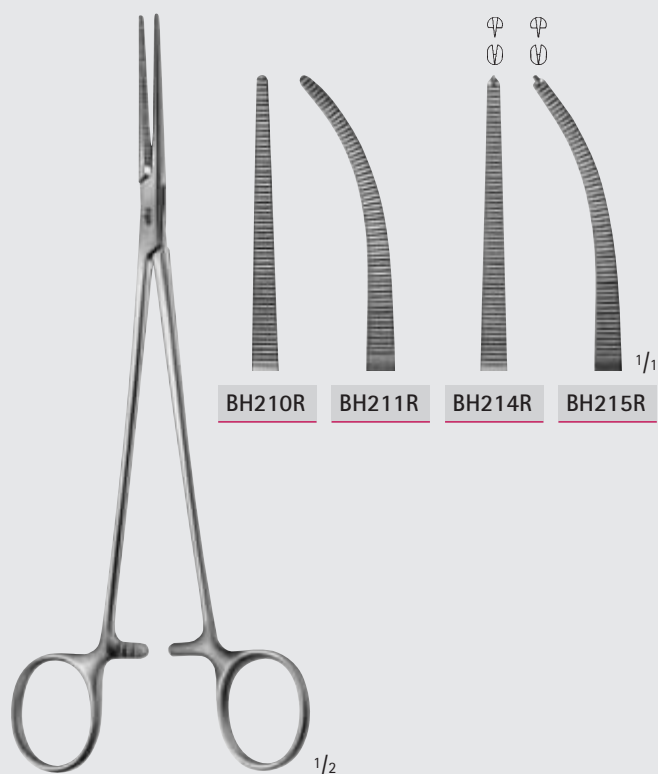


Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps

BH



HALSTED-MOSQUITO

BH210R-BH215R

200 mm, 8"



JACOBSON

BH187R

190 mm, 7 1/2"



ADSON

BH205R

215 mm, 8 1/2"



FRASER-KELLY (CRILE)

BH183R

180 mm, 7"



Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen
Delicate Hemostatic Forceps

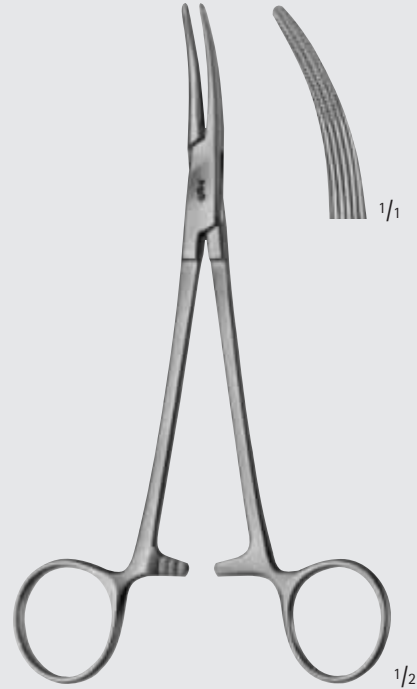
BH



DUNHILL

BH191R

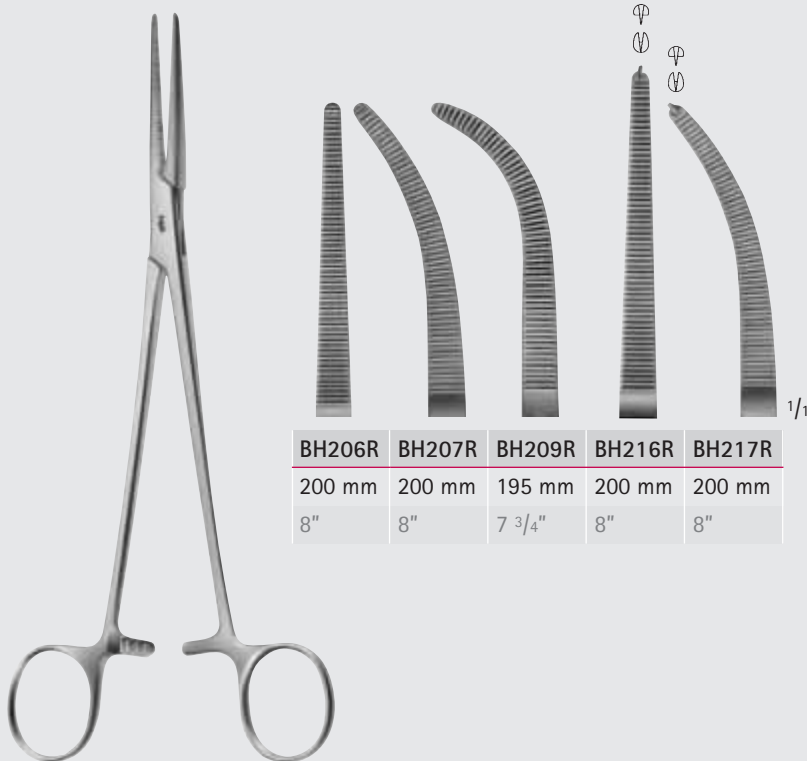
190 mm, 7 1/2"



GREY-TURNER

BH193R

180 mm, 7"



HEISS

BH206R-BH217R

BH206R	BH207R	BH209R	BH216R	BH217R
200 mm	200 mm	195 mm	200 mm	200 mm
8"	8"	7 3/4"	8"	8"

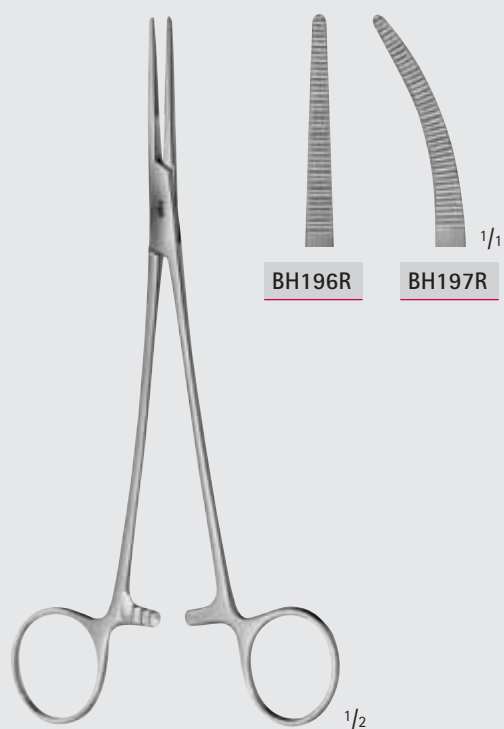


Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps

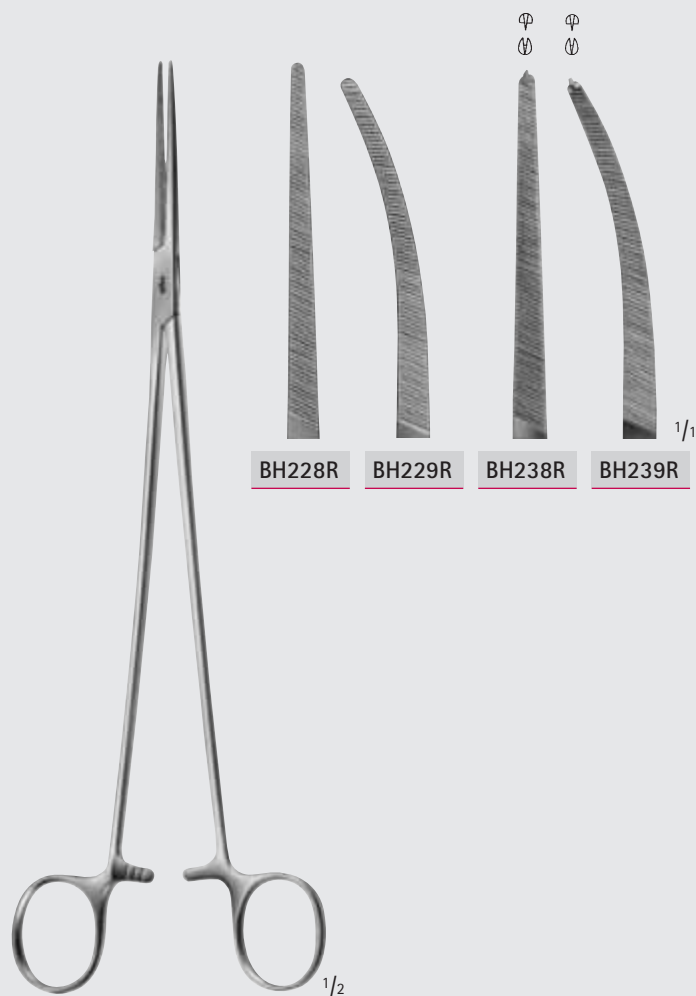
BH



BIRKETT

BH196R-BH197R

185 mm, 7 1/4"



BENGOLEA

BH228R-BH239R

245 mm, 9 3/4"



Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen
Delicate Hemostatic Forceps

BH



SAROT

BH224R-BH234R

240 mm, 9 1/2"



CRAFOORD

BH225R

245 mm, 9 3/4"

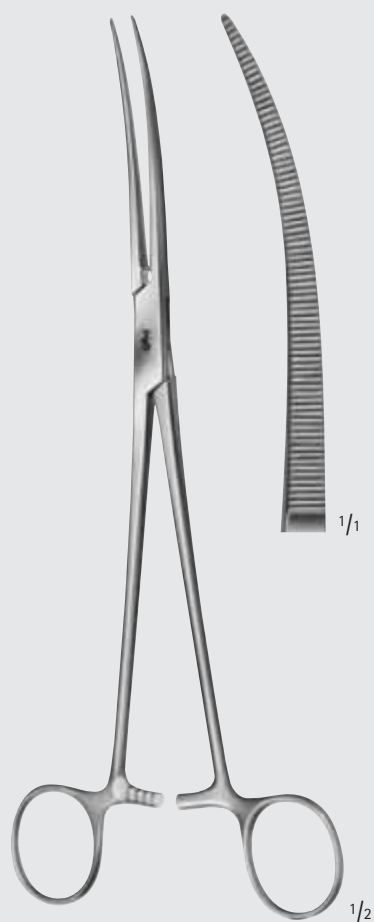


Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps

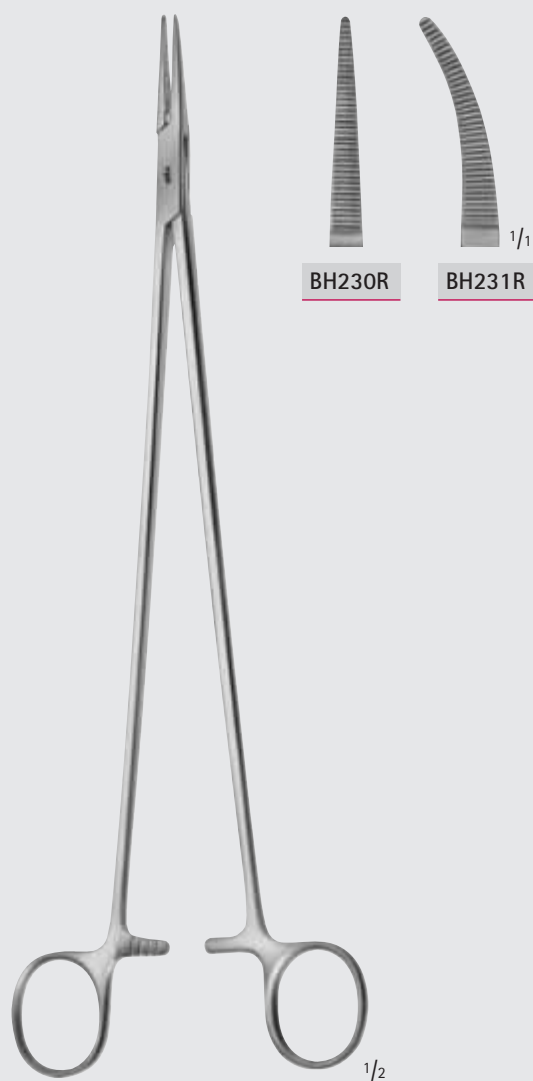
BH



CRAFOORD, MOD.

BH227R

240 mm, 9 1/2"



BRIDGE

BH230R-BH231R

275 mm, 10 3/4"



Arterienklemmen – Hemostatic Forceps

Arterienklemmen
Hemostatic Forceps

BH



PEAN

BH410R

125 mm, 5"



KRÖNLEIN

BH300R

130 mm, 5 1/8"



PEAN

BH302R-BH304R

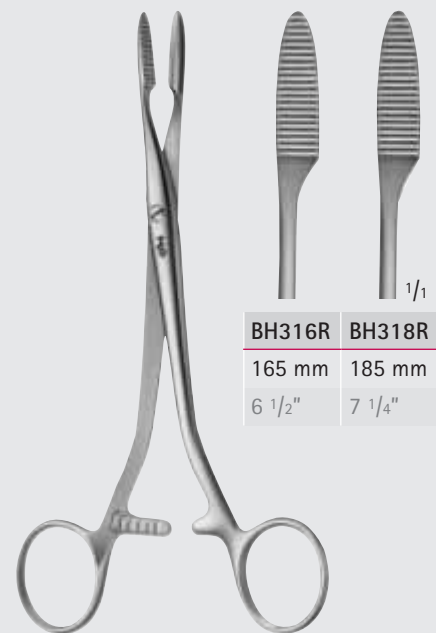
BH302R	BH304R
125 mm	140 mm
5"	5 1/2"



PEAN

BH312R

125 mm, 5"



PEAN

BH316R-BH318R

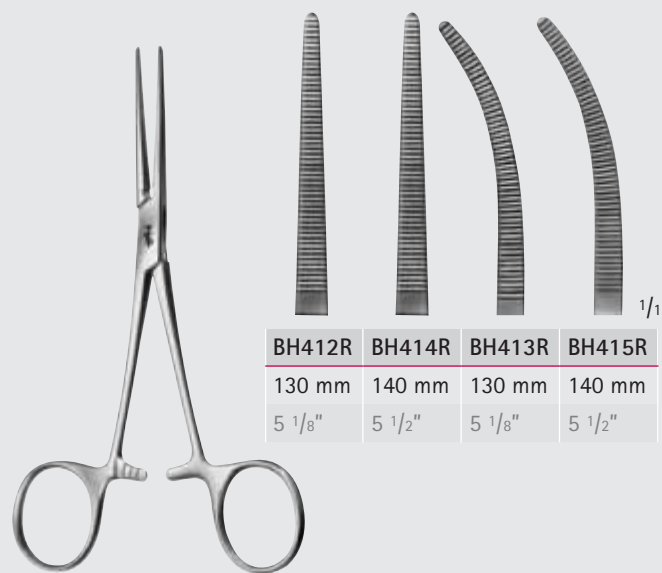
BH316R	BH318R
165 mm	185 mm
6 1/2"	7 1/4"



Arterienklemmen – Hemostatic Forceps

Arterienklemmen

Hemostatic Forceps



PEAN

BH412R-BH415R

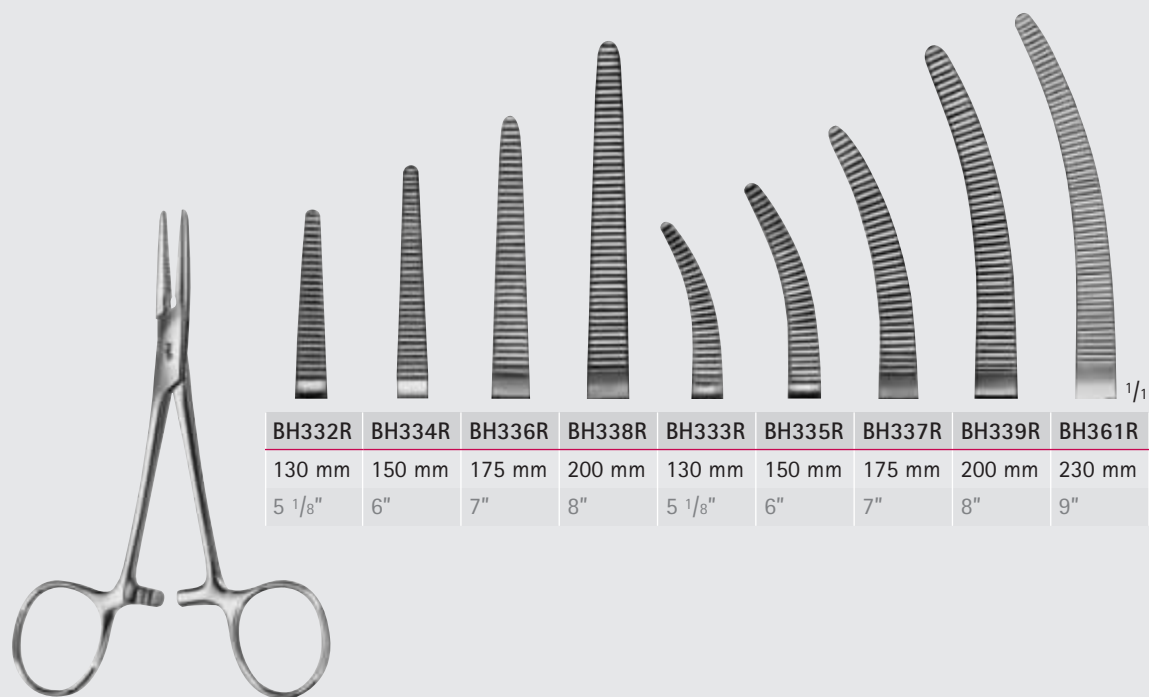
grazile Form

slender type



PEAN

BH422R-BH425R



SPENCER-WELLS

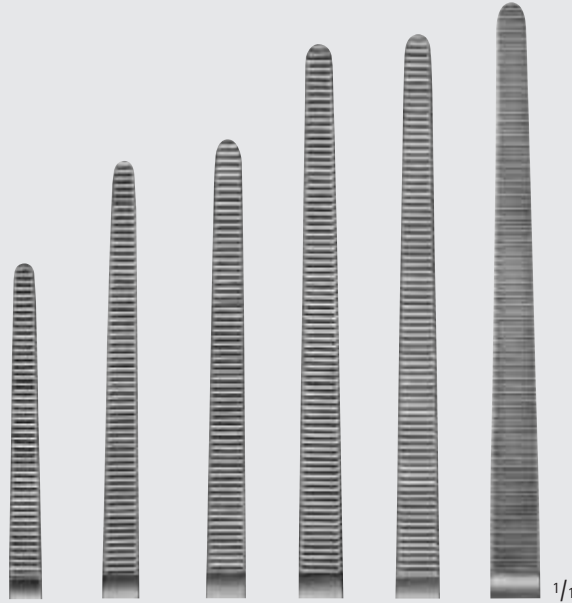
BH332R-BH361R



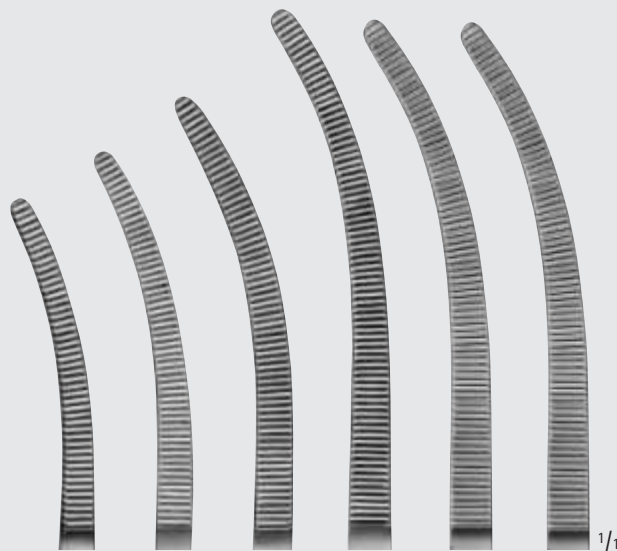
Arterienklemmen – Hemostatic Forceps

Arterienklemmen
Hemostatic Forceps

BH



BH442R	BH444R	BH446R	BH448R	BH450R	BH456R
160 mm	185 mm	200 mm	225 mm	240 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	14"



BH443R	BH445R	BH447R	BH449R	BH451R	BH457R
160 mm	185 mm	200 mm	225 mm	240 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	14"



ROCHESTER-PEAN

BH442R-BH457R



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Arterienklemmen

Hemostatic Forceps

BH

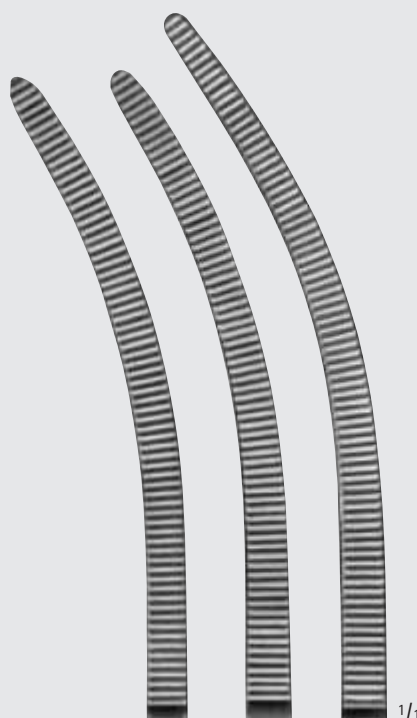


PEAN

BH470R-BH475R



BH470R	BH472R	BH474R
240 mm	260 mm	280 mm
9 1/2"	10 1/4"	11"



BH471R	BH473R	BH475R
240 mm	260 mm	280 mm
9 1/2"	10 1/4"	11"





Arterienklemmen – Hemostatic Forceps

Arterienklemmen

Hemostatic Forceps

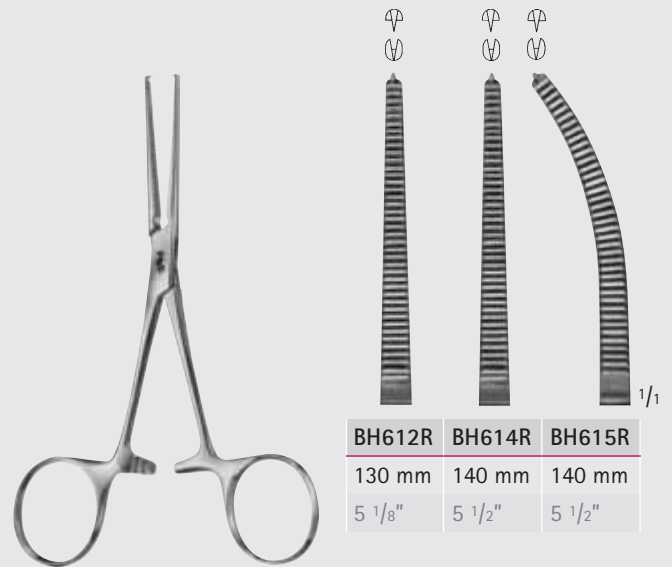
BH



KOCHER

BH610R

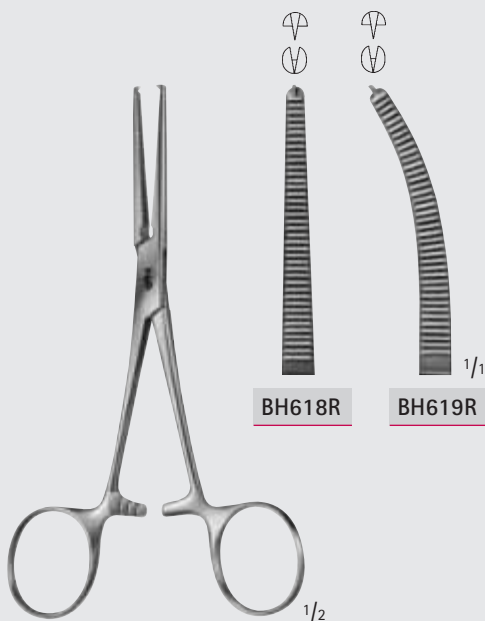
kräftiges Modell
strong pattern
145 mm, 5 3/4"



KOCHER

BH612R-BH615R

BH612R	BH614R	BH615R
130 mm	140 mm	140 mm
5 1/8"	5 1/2"	5 1/2"



ROCHESTER-OCHESTER

BH618R-BH619R

140 mm, 5 1/2"



KOCHER

BH630R-BH631R

150 mm, 6"



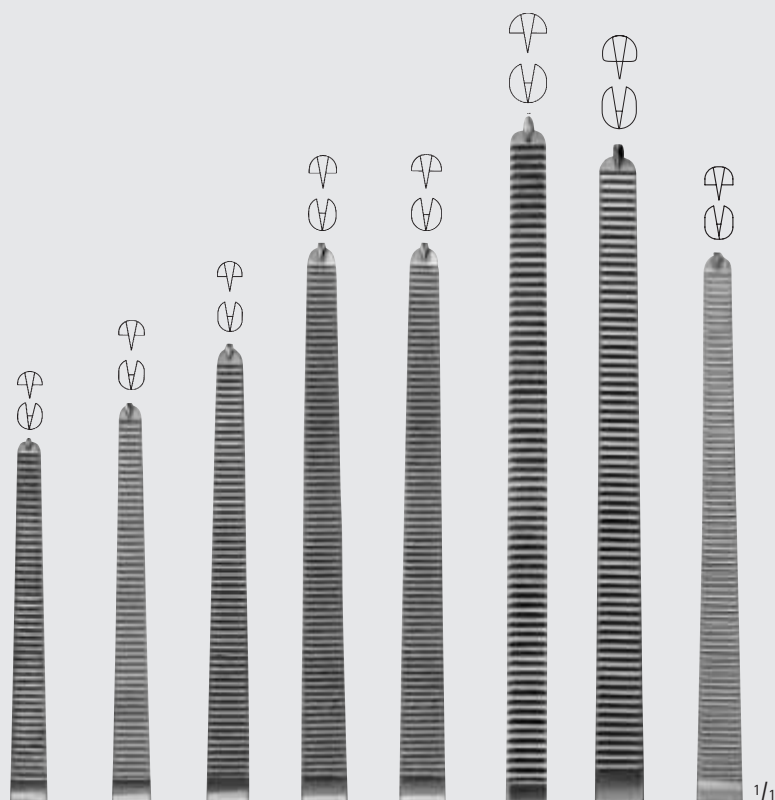
MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Arterienklemmen

Hemostatic Forceps

BH

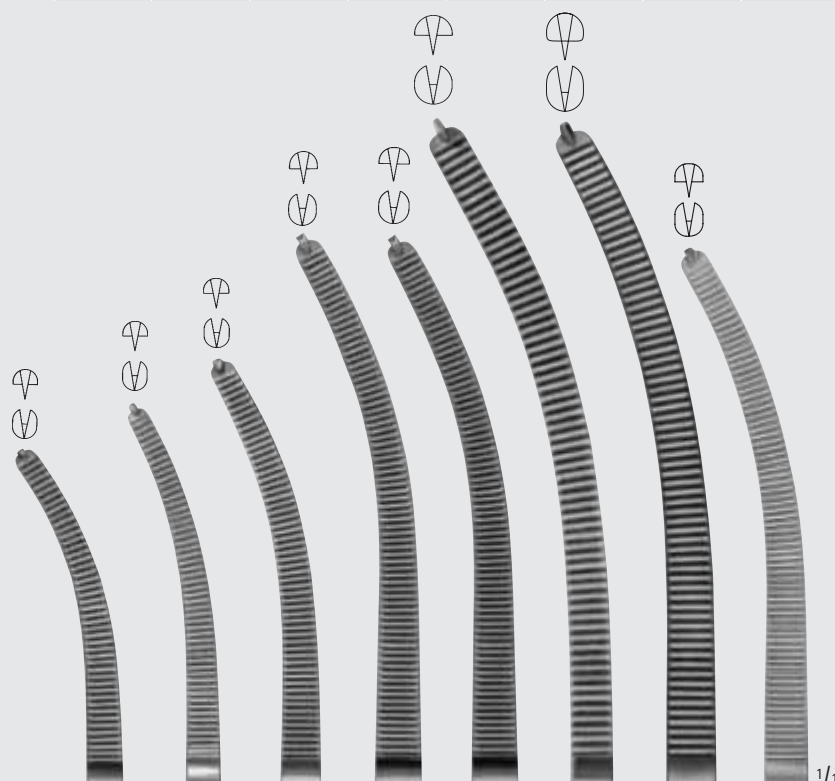


BH642R	BH644R	BH646R	BH648R	BH650R	BH652R	BH654R	BH658R
160 mm	185 mm	200 mm	225 mm	240 mm	260 mm	280 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	10 1/4"	11"	14"



KOCHER-OSCHNER

BH642R-BH659R



BH643R	BH645R	BH647R	BH649R	BH651R	BH653R	BH655R	BH659R
160 mm	185 mm	200 mm	225 mm	240 mm	260 mm	280 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	10 1/4"	11"	14"



Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Spezial-Modelle
Hemostatic Forceps, Special Patterns

BH



			
BH800R	BH804R	BH801R	BH805R
160 mm	200 mm	160 mm	200 mm
6 1/4"	8"	6 1/4"	8"

ROCHESTER-CARMALT

BH800R-BH805R



	
BH807R	BH808R
	1 x 2 Zähne 1 x 2 teeth

FICKLING

BH807R-BH808R

180 mm, 7"

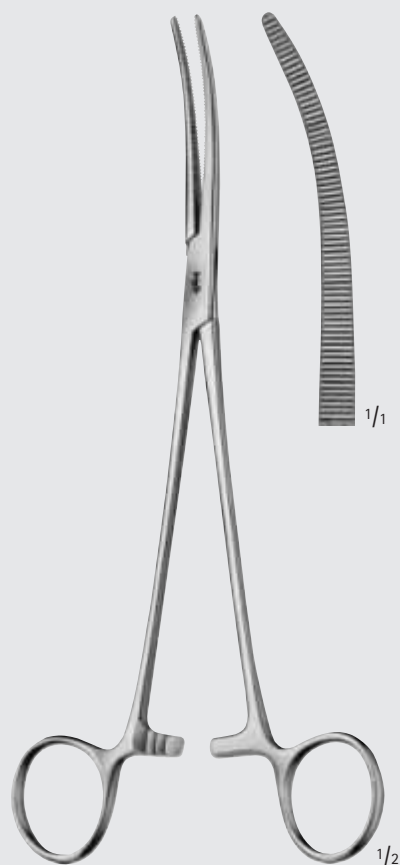


Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Spezial-Modelle

Hemostatic Forceps, Special Patterns

BH



ROBERTS

BH814R

225 mm, 9"



ROBERTS

BH812R-BH813R

250 mm, 10"



SAROT

BH226R

250 mm, 9 3/4"



Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Spezial-Modelle
Hemostatic Forceps, Special Patterns

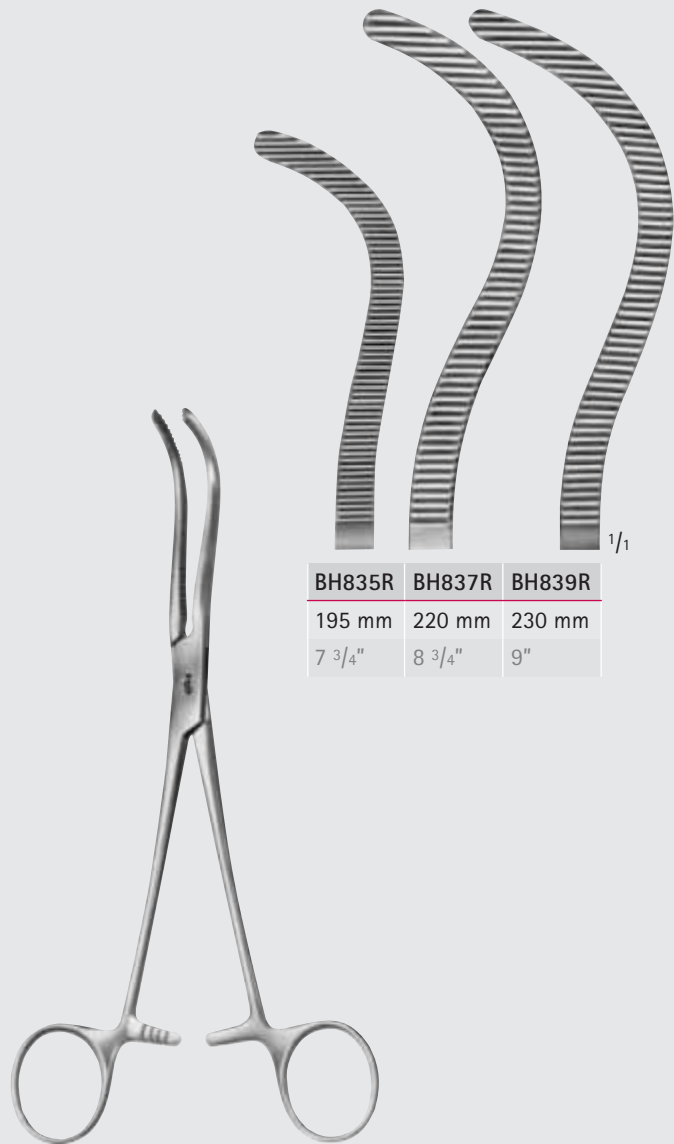
BH



BH831R	BH833R
230 mm	240 mm
9"	9 1/2"

MOYNIHAN

BH831R-BH833R



BH835R	BH837R	BH839R
195 mm	220 mm	230 mm
7 3/4"	8 3/4"	9"

PEAN

BH835R-BH839R



MILLIMETERS

Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Tonsillenklemmen

Hemostatic Forceps, Tonsil Forceps

BH



SCHNIDT

BH957R-BH959R

185 mm, 7 1/4"



SCHNIDT

BH961R-BH963R

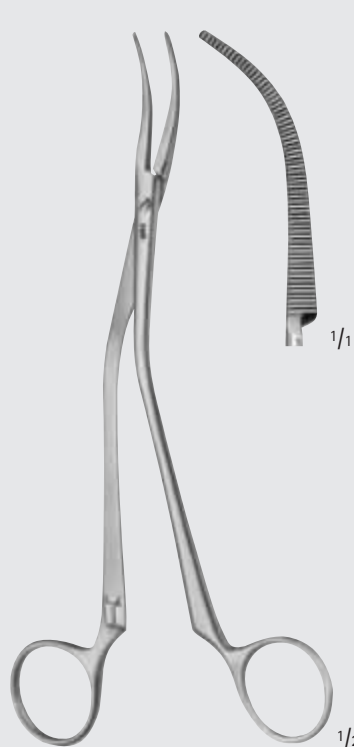
185 mm, 7 1/4"



NEGUS

BH951R-BH952R

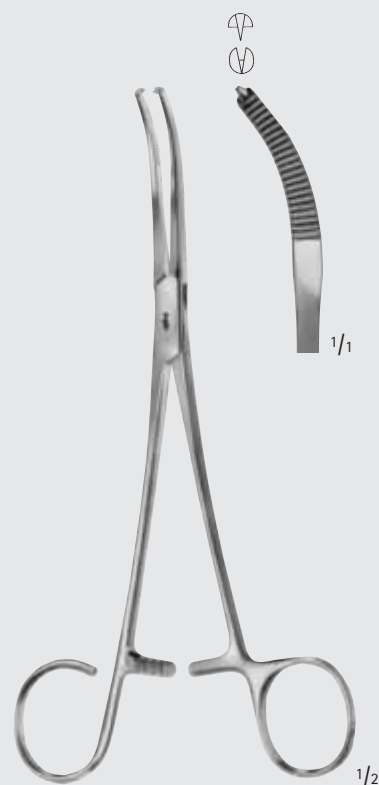
190 mm, 7 1/2"



WILSON

BH965R

190 mm, 7 1/2"



MIKULICZ

BH949R

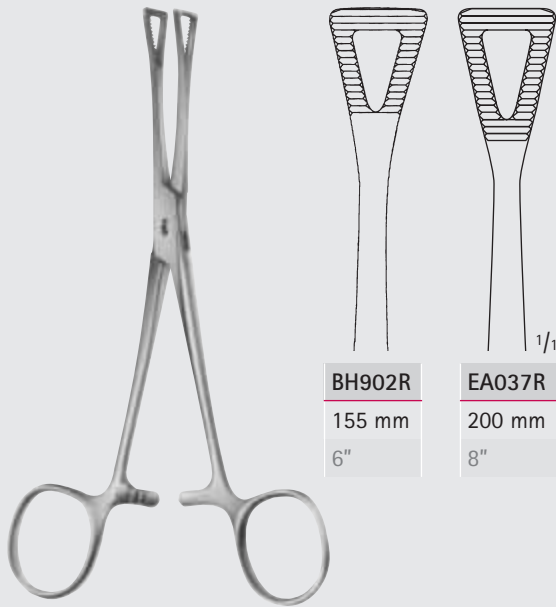
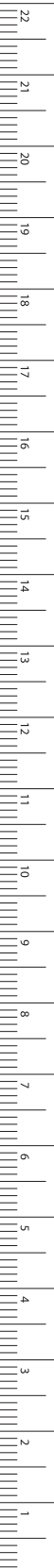
185 mm, 7 1/4"



Arterienklemmen – Hemostatic Forceps

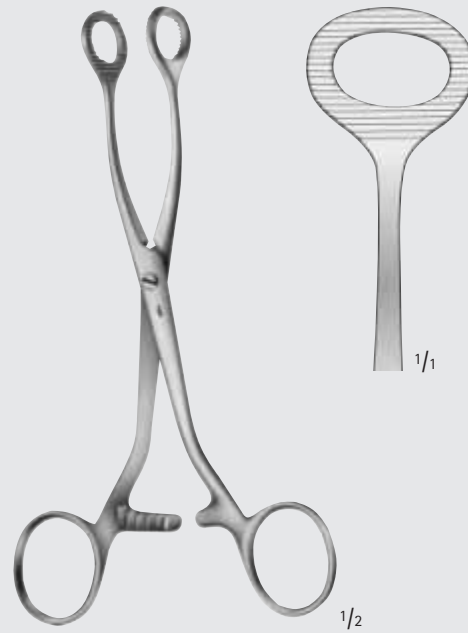
Arterienklemmen, Spezial-Modelle
Hemostatic Forceps, Special Patterns

BH



PENNINGTON

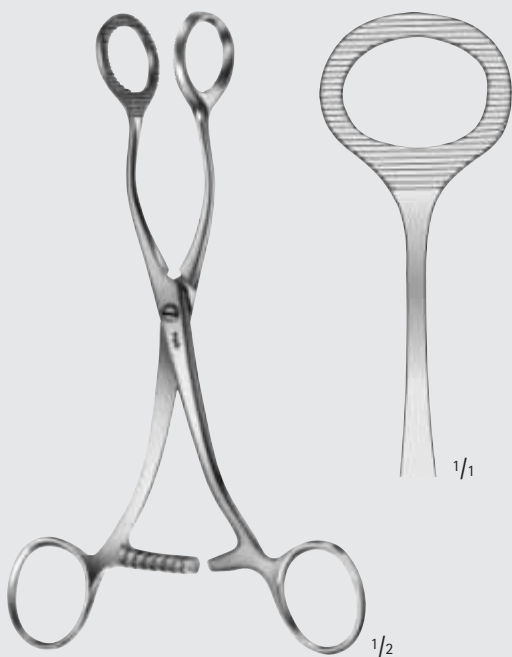
BH902R-EA037R



COLLIN

BH906R

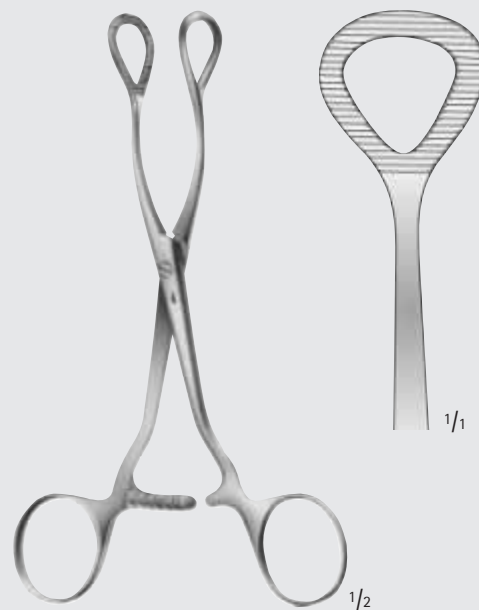
160 mm, 6 1/4"



COLLIN

AN709R

170 mm, 6 3/4"



COLLIN

BH908R

160 mm, 6 1/4"



INCHES

BJ



Präparier- und Ligaturklemmen,
Hysterektomieklemmen

Dissecting- and Ligature Forceps,
Hysterectomy Clamps

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

BJ



BJ002R

Ligaturklemme gerade
Ligature forceps straight
95 mm, 3 3/4"



MICRO-ADSON

BJ008R

140 mm, 5 1/2"



BABY-OVERHOLT

BJ009R

135 mm, 5 1/4"



BABY-MIXTER

BJ011R-BJ012R

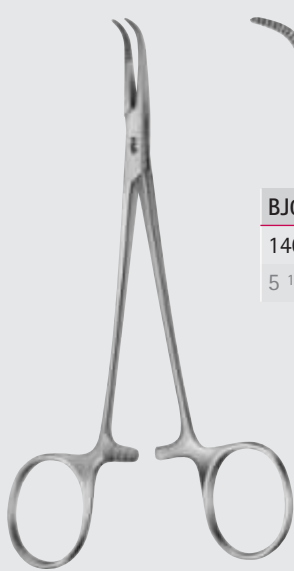
BJ011R	BJ012R
140 mm	180 mm
5 1/2"	7"



Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps



BJ013R	BJ014R
140 mm	180 mm
5 1/2"	7"

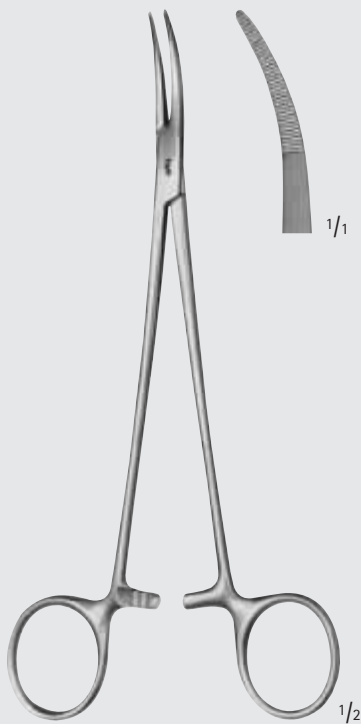
BABY-ADSON

BJ013R-BJ014R



MD569	MD570R
140 mm	180 mm
5 1/2"	7"

MD569-MD570R



NISSEN

BH199R

185 mm, 7 1/4"



BJ015R	BJ016R	BJ017R	BJ018R
185 mm	210 mm	215 mm	220 mm
7 1/4"	8 1/4"	8 1/2"	8 3/4"

BJ015R-BJ018R

S-förmig gebogen, grazil
S-shaped, delicate

BJ



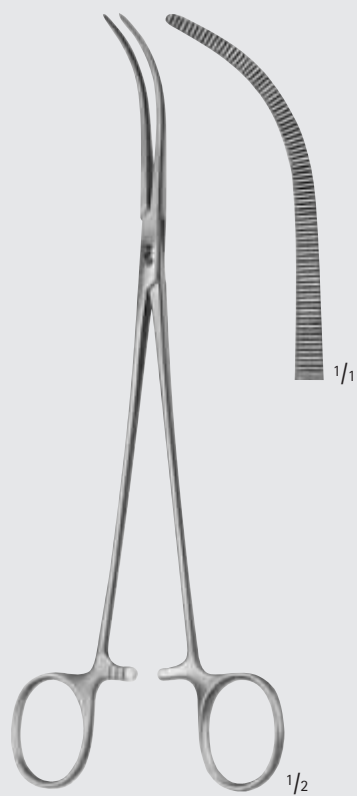
MILLIMETERS

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

BJ



OVERHOLT-MIXTER

BJ019R

205 mm, 8"

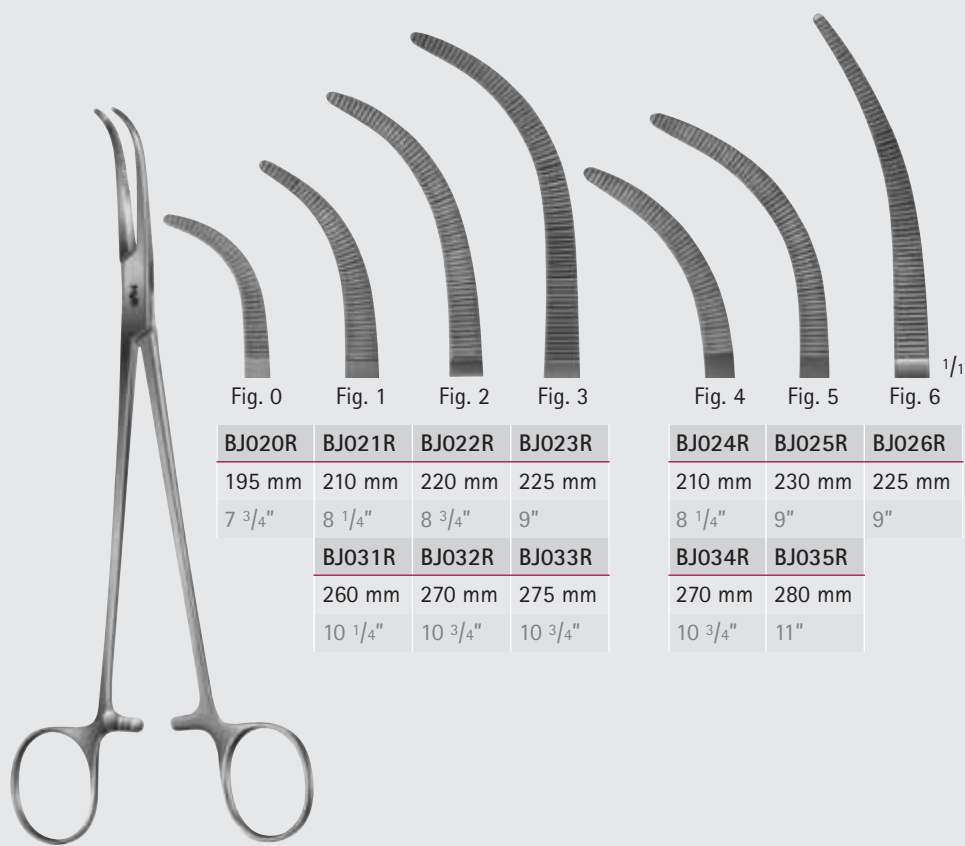


Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

BJ020R	BJ021R	BJ022R	BJ023R
195 mm	210 mm	220 mm	225 mm
7 3/4"	8 1/4"	8 3/4"	9"
BJ031R	BJ032R	BJ033R	
260 mm	270 mm	275 mm	
10 1/4"	10 3/4"	10 3/4"	

BJ024R	BJ025R	BJ026R
210 mm	230 mm	225 mm
8 1/4"	9"	9"
BJ034R	BJ035R	
270 mm	280 mm	
10 3/4"	11"	

OVERHOLT-GEISSENDOERFER

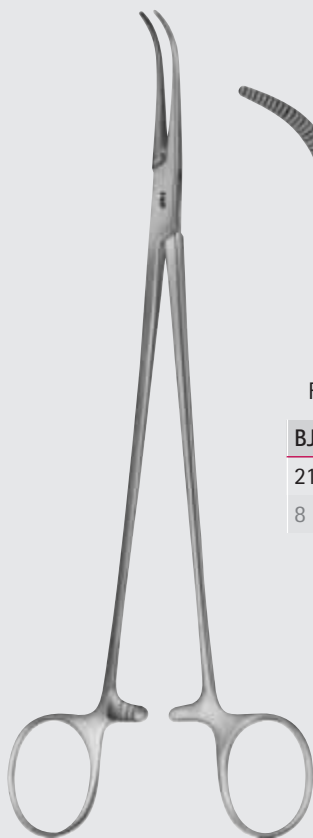
BJ020R-BJ035R



Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



OVERHOLT

BJ080R-BJ114R

feine Ausführung
delicate pattern

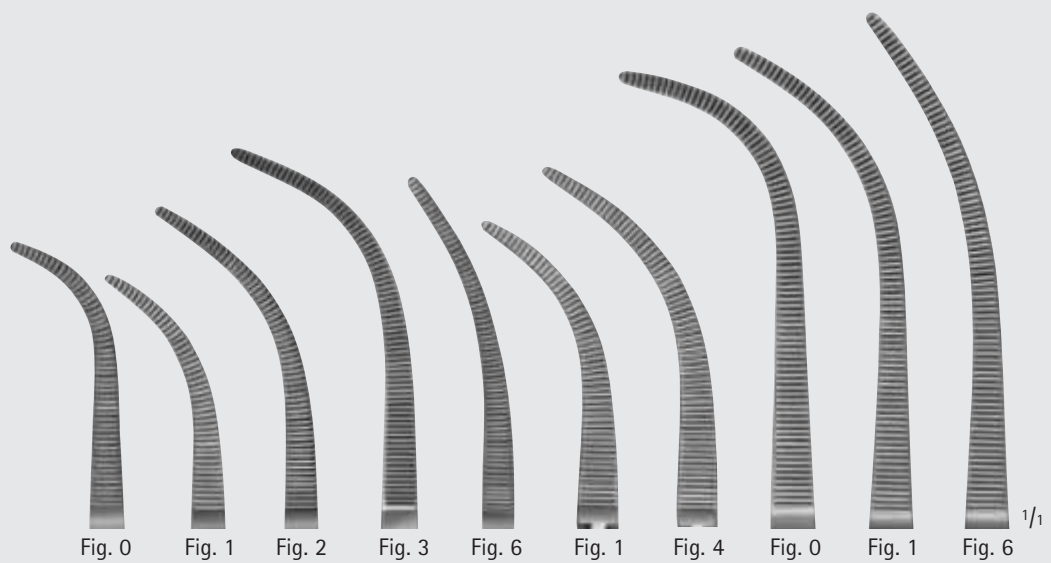


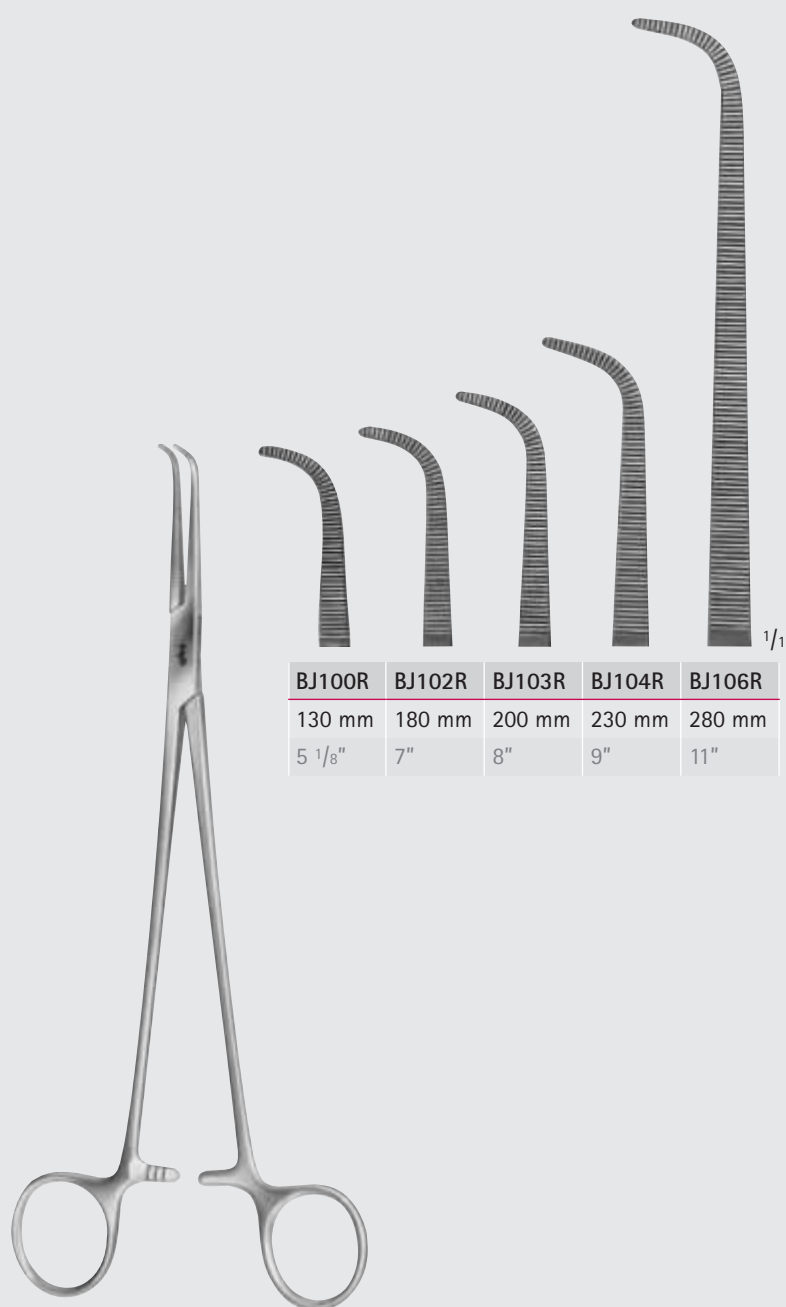
Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 6	Fig. 1	Fig. 4	Fig. 0	Fig. 1	Fig. 6
BJ080R	BJ081R	BJ082R	BJ083R	BJ086R	BJ111R	BJ114R	BJ090R	BJ091R	BJ096R
215 mm	210 mm	220 mm	225 mm	225 mm	270 mm	270 mm	295 mm	295 mm	300 mm
8 1/2"	8 1/4"	8 3/4"	9"	9"	10 3/4"	10 3/4"	11 3/4"	11 3/4"	12"



Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



BJ100R	BJ102R	BJ103R	BJ104R	BJ106R
130 mm	180 mm	200 mm	230 mm	280 mm
5 1/8"	7"	8"	9"	11"

GEMINI

BJ100R-BJ106R



Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



MIXTER-O'SHAUGNESSY

BJ050R

190 mm, 7 1/2"



O'SHAUGNESSY

BJ067R

220 mm, 8 3/4"



MILLIMETERS

Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



HEISS

BH209R

195 mm, 7 ³/₄"



WIKSTROEM

BJ051R

205 mm, 8"



Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



BJ041R

BJ042R

BJ043R

BJ044R

BJ045R

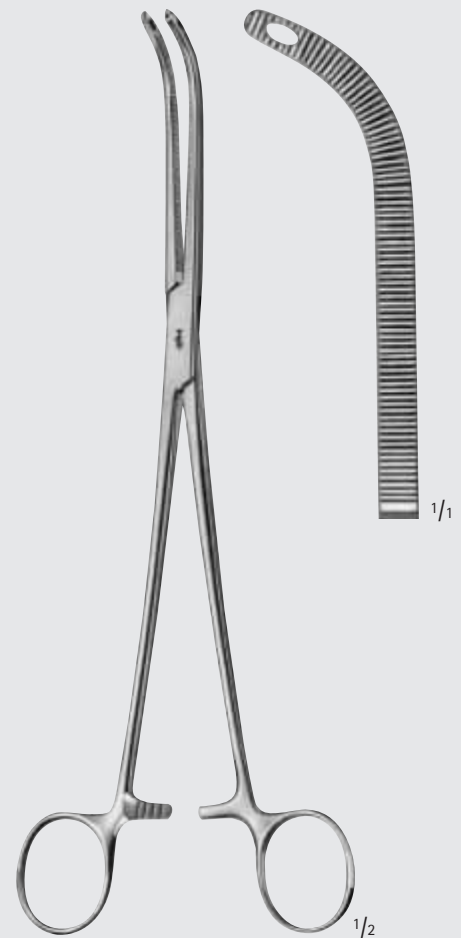
1/1

1/2

RUMEL

BJ041R-BJ045R

240 mm, 9 1/2"



1/1

1/2

FINOCHIETTO

BJ052R

245 mm, 9 3/4"

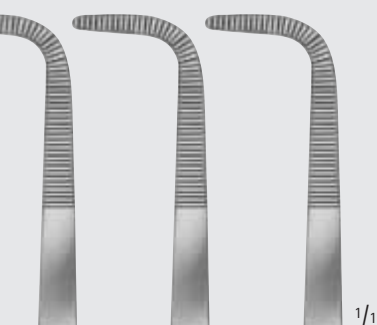
MILLIMETERS

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

BJ



BJ057R
200 mm
8"

BJ058R
240 mm
9 1/2"

BJ059R
275 mm
10 3/4"

KANTROWITZ

BJ057R-BJ059R



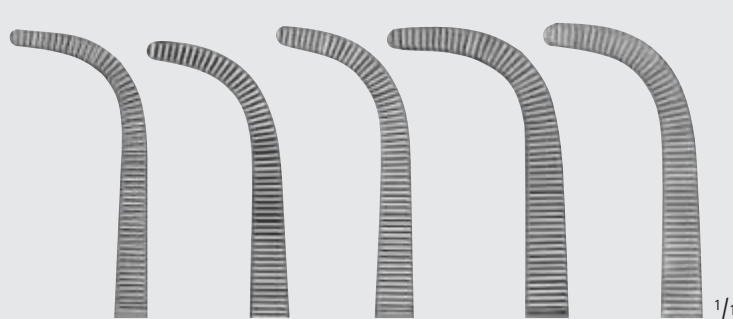
BJ029R
extra fein
extra delicate

BJ110R
fein
delicate

BARRE

BJ029R-BJ110R

280 mm, 11"



BJ120R
150 mm
6"

BJ121R
180 mm
7"

BJ122R
200 mm
8"

BJ123R
230 mm
9"

BJ124R
255 mm
10"

O'SHAUGHNESSY

BJ120R-BJ124R

INCHES



Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



MIXTER

BJ055R

230 mm, 9"



LAWRENCE

BJ070R

270 mm, 10 ³/₄"



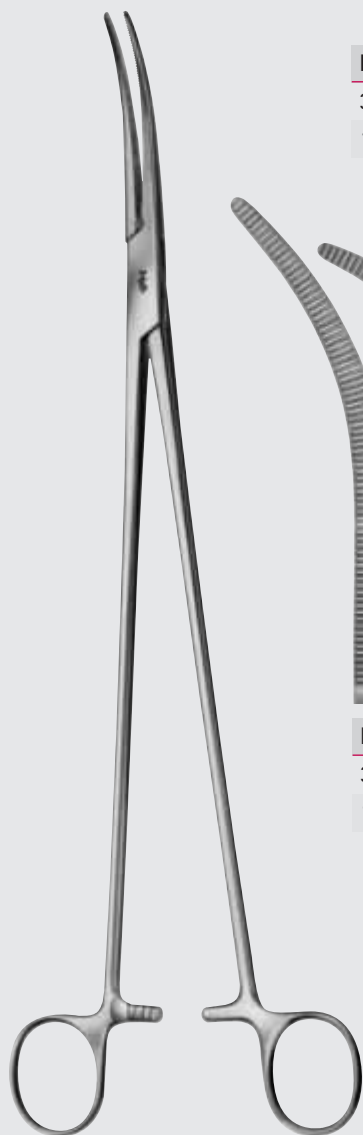
MILLIMETERS

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

BJ



ZENKER

BJ047R-BJ132R



BJ047R

300 mm

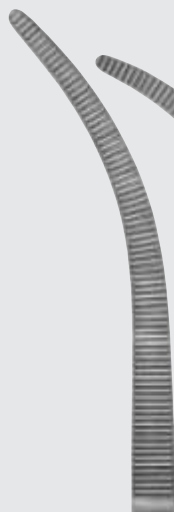
12"



BJ048R

290 mm

11 1/2"



BJ130R

350 mm

14"



BJ131R

350 mm

14"



BJ132R

350 mm

14"

1/1



KIEBACK

BJ075R-BJ076R



BJ075R

235 mm

9 1/4"



BJ076R

350 mm

14"

1/1

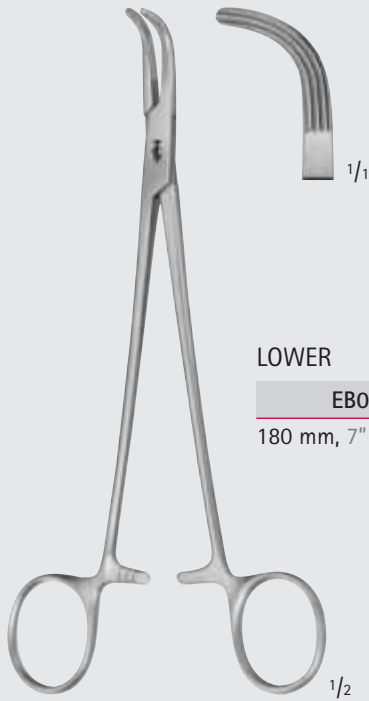
Ureter-Tunnelier-Klemme, aufgebogen
Ureteral tunnel clamp curved on flat



Klemmen – Forceps

Präparier- und Ligaturklemmen
Dissecting- and Ligature Forceps

BJ



MIXTER

BJO61R-BJO73R



Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

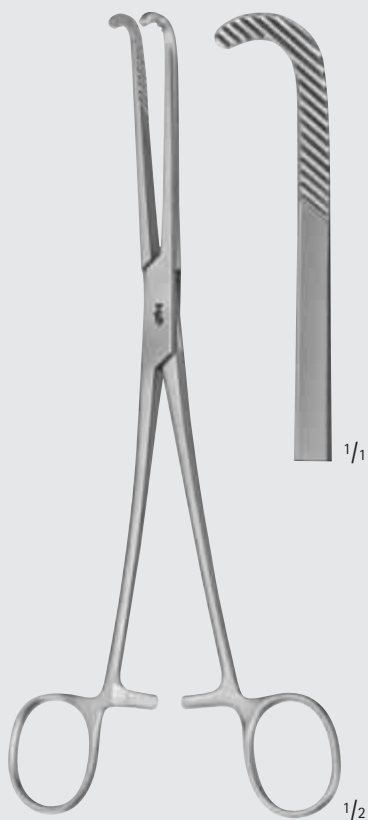
BJ



DESJARDINS

EB008R

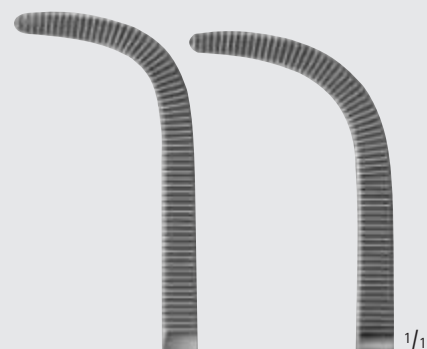
210 mm, 8 1/4"



NISSEN

EB009R

215 mm, 8 1/2"



EB011R

EB012R



GRAY

EB011R-EB012R

220 mm, 8 3/4"



Klemmen – Forceps

Peritoneumklemmen

Peritoneum Forceps

BJ



BABY-MIKULICZ

BJ300R

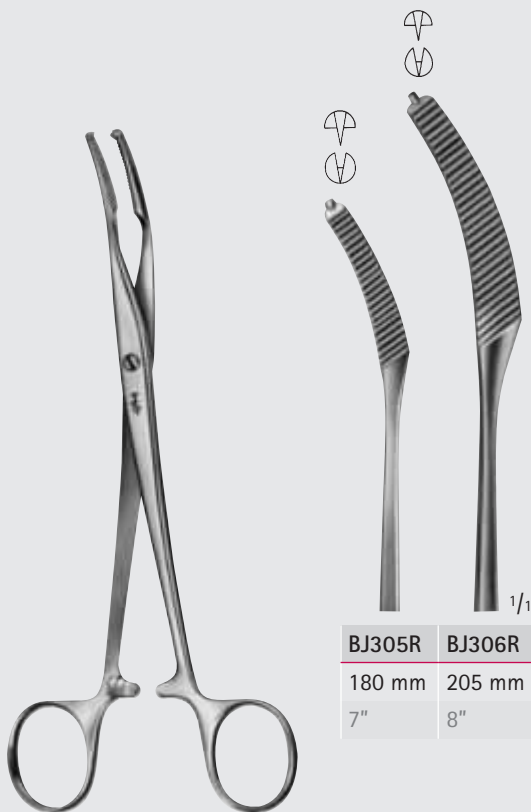
140 mm, 5 1/2"



MIKULICZ

BJ304R

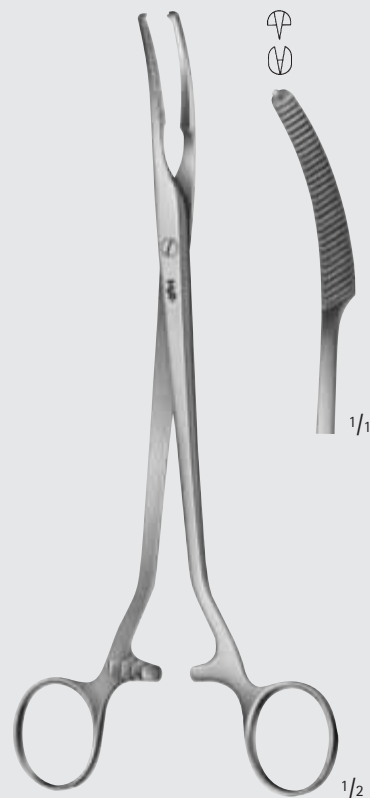
185 mm, 7 1/4"



MIKULICZ

BJ305R-BJ306R

BJ305R	BJ306R
180 mm	205 mm
7"	8"



MIKULICZ

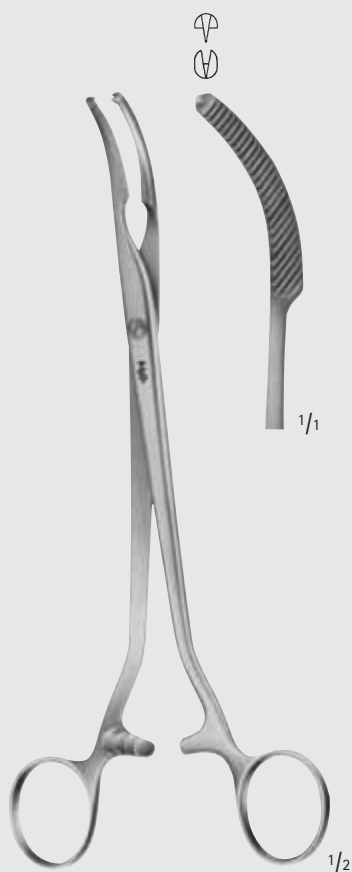
BJ308R

205 mm, 8"



Klemmen – Forceps
 Peritoneumklemmen
 Peritoneum Forceps

BJ



MIKULICZ

BJ309R

205 mm, 8"



MIKULICZ

BJ310R

200 mm, 8"



MIKULICZ

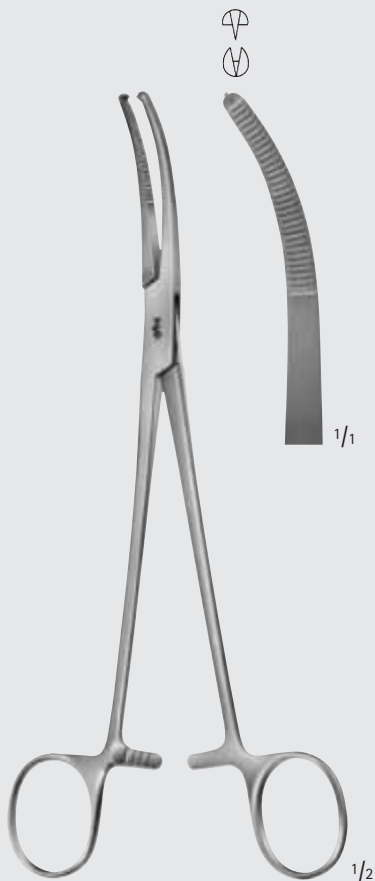
BJ312R

245 mm, 9 3/4"



Klemmen – Forceps
Peritoneumklemmen
Peritoneum Forceps

BJ



MIKULICZ

BJ313R

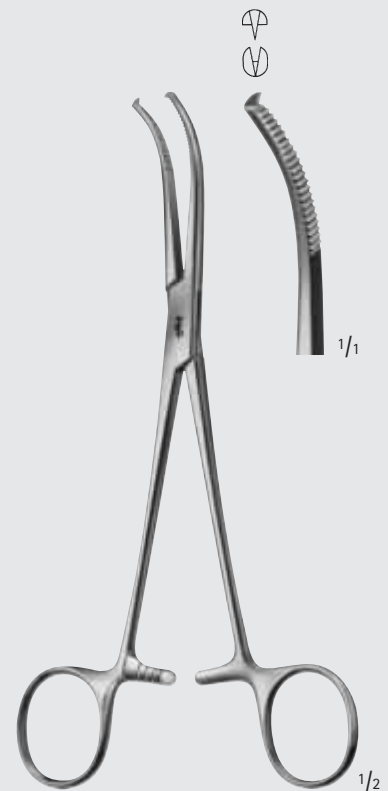
205 mm, 8"



MIKULICZ

BJ314R

205 mm, 8"



MIKULICZ

BJ315R

185 mm, 7 1/4"

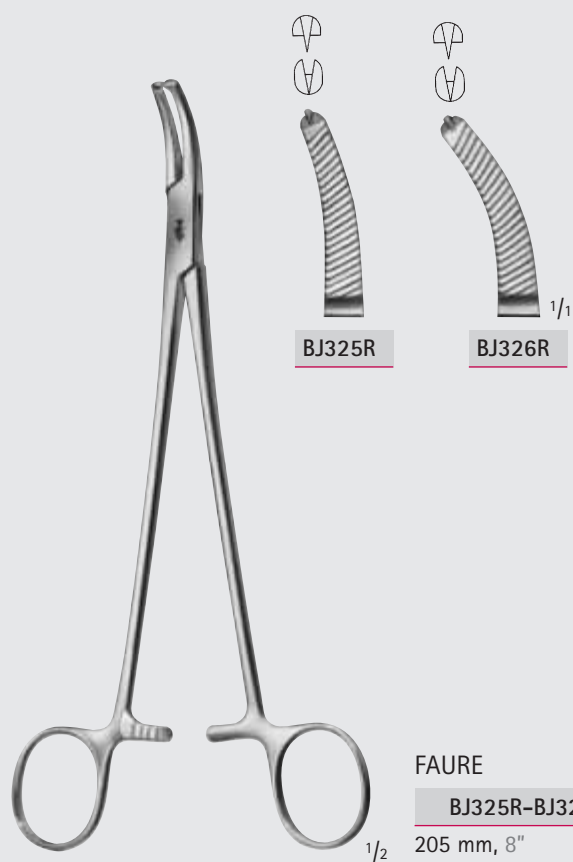


Klemmen – Forceps

Hysterektomieklemmen

Hysterectomy Forceps

BJ





Klemmen – Forceps

Peritoneum- und Hysterektomieklemmen
Peritoneum and Hysterectomy Forceps

BJ



Klemmen – Forceps
Hysterektomieklemmen
Hysterectomy Forceps

BJ



HEANEY-BALLENTINE

MD591-MD592

215 mm, 8 1/2"



MD591



MD592



WIENER MODELL

BJ526R-BJ527R



BJ526R

220 mm

8 3/4"



BJ527R

240 mm

9 1/2"



Klemmen – Forceps

Hysterektomie- und Arterienklemmen

Hysterectomy- and Hemostatic Forceps

BJ



WERTHEIM

BJ506R

235 mm, 9 1/4"



WERTHEIM

BJ507R

235 mm, 9 1/4"



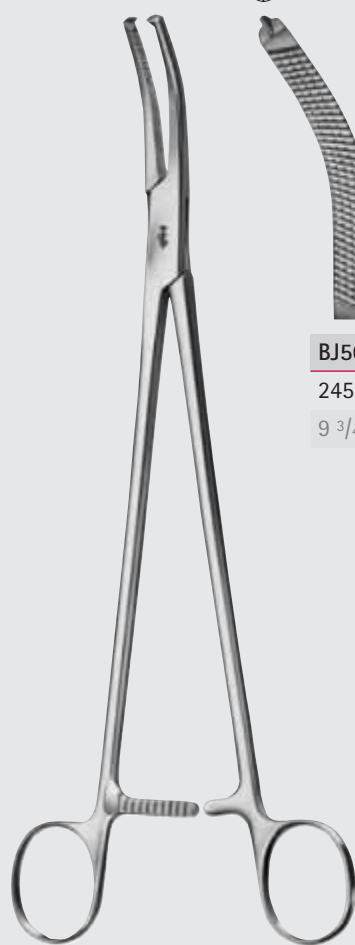
MILLIMETERS

Klemmen – Forceps

Hysterektomie- und Arterienklemmen

Hysterectomy- and Hemostatic Forceps

BJ



BJ509R

245 mm

9 3/4"



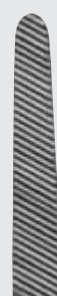
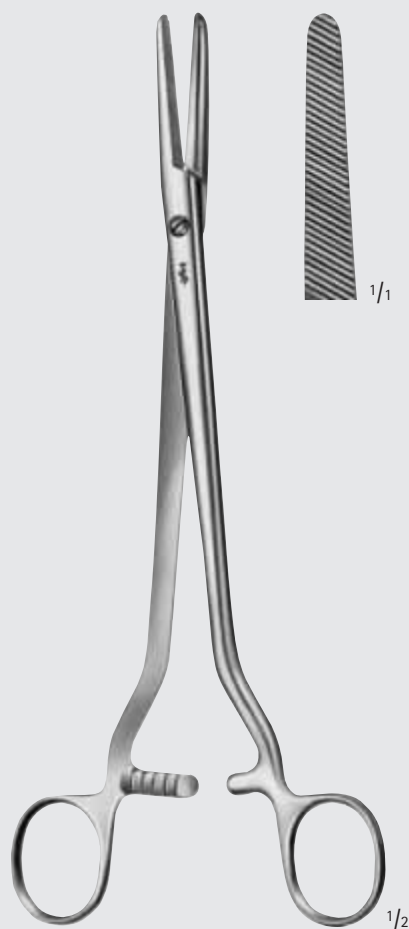
BJ515R

350 mm

14"

WERTHEIM

BJ509R-BJ515R



1/1

SEGOND-LANDAU

BJ540R

240 mm, 9 1/2"

1/2



Klemmen – Forceps

Hysterektomie- und Arterienklemmen

Hysterectomy- and Hemostatic Forceps

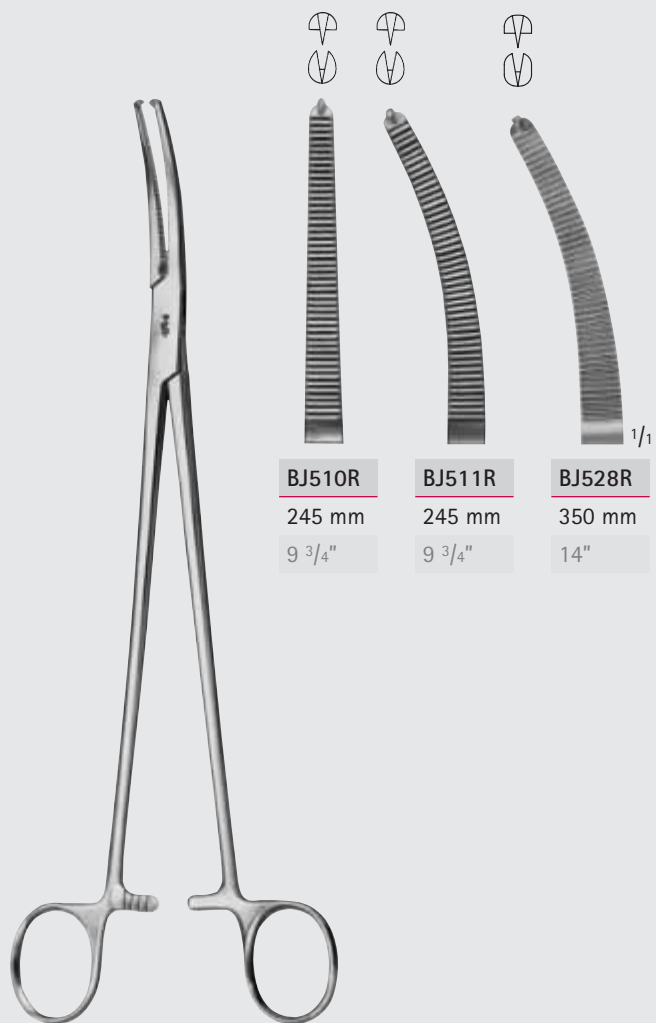
BJ



SEGOND

BJ541R

240 mm, 9 1/2"



BJ510R

245 mm

9 3/4"

BJ511R

245 mm

9 3/4"

BJ528R

350 mm

14"

HOLZBACH

BJ510R-BJ528R



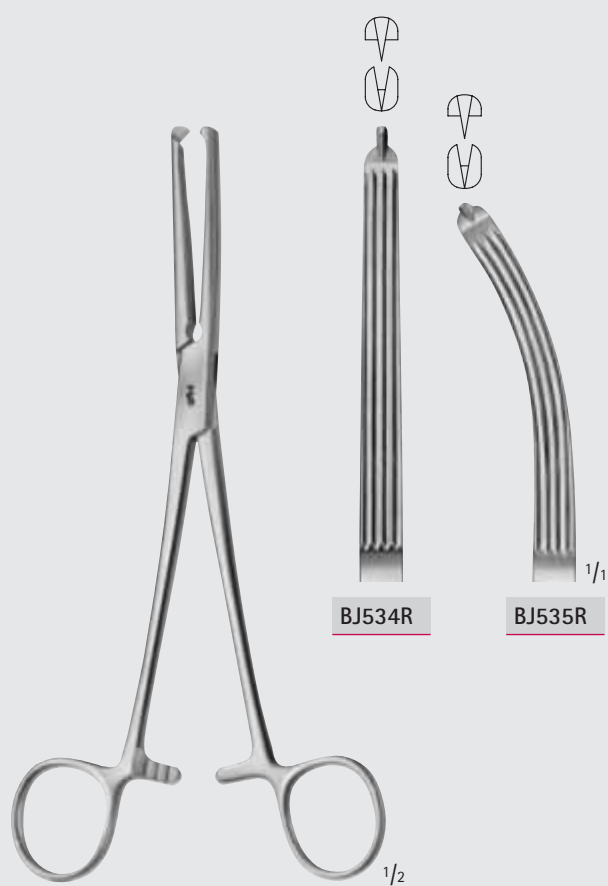
MILLIMETERS

Klemmen – Forceps

Hysterektomie- und Arterienklemmen

Hysterectomy- and Hemostatic Forceps

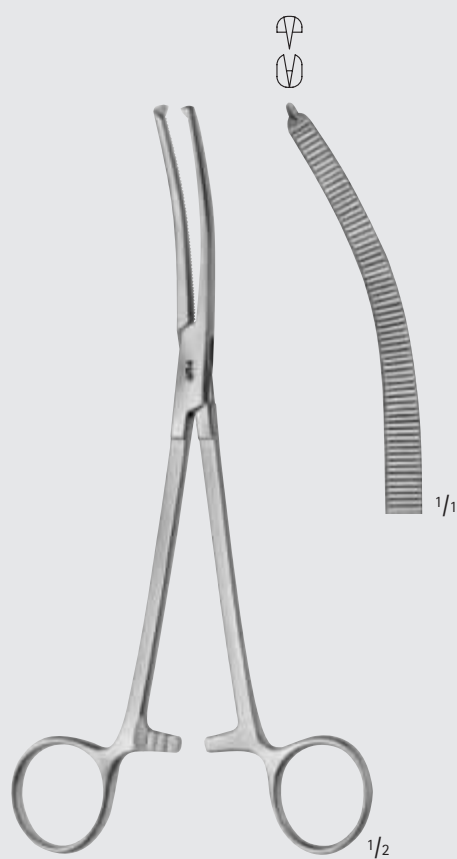
BJ



GWILLIAM

BJ534R-BJ535R

200 mm, 8"



BERKELEY-BONNEY

BJ537R

200 mm, 8"



DE BAKEY Zahnung



Toothings DE BAKEY

TRAUMATA®

Klemmen – Forceps

Hysterektomie- und Vaginalklemmen

Hysterectomy Forceps and Vaginal Clamps

BJ



HEANEY

BJ530R-BJ532R



BJ530R

225 mm

9"



BJ531R

220 mm

8 ³/₄"



BJ532R

215 mm

8 ¹/₂"

¹/₁



MILLIMETERS

Klemmen – Forceps

Hysterektomie- und Vaginalklemmen

Hysterectomy Forceps and Vaginal Clamps

AIRAUMATA®

DE BAKEY Zahnung



Toothing DE BAKEY

BJ



WERTHEIM

BJ550R-BJ553R



BJ550R

250 mm

10"



BJ551R

245 mm

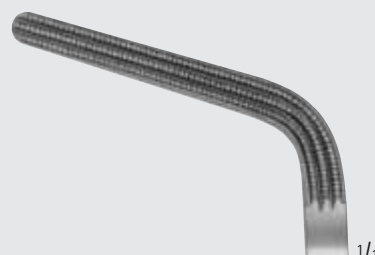
9 3/4"



BJ552R

240 mm

9 1/2"



BJ553R

220 mm

8 3/4"

1/1





DE BAKEY Zahnung



Toothings DE BAKEY

TRAUMATA®

Klemmen – Forceps

Hysterektomie- und Vaginalklemmen
Hysterectomy Forceps and Vaginal Clamps

BJ



WERTHEIM

BJ582R-BJ585R



BJ582R

250 mm

10"



BJ584R

350 mm

14"



BJ583R

250 mm

10"



BJ585R

350 mm

14"

1/1



MILLIMETERS

Klemmen – Forceps

Hysterektomie- und Vaginalklemmen

Hysterectomy Forceps and Vaginal Clamps

BJ



WERTHEIM

BJ574R

255 mm, 10"



WERTHEIM

BJ576R

260 mm, 10 1/4"



Klemmen – Forceps

Hysterektomie- und Vaginalklemmen

Hysterectomy Forceps and Vaginal Clamps

BJ



BURKE

BJ560R-BJ562R

Parametriumklemme, kurzes Maul
Parametrium clamp, short jaw part

BJ560R
250 mm
10"

BJ562R
350 mm
14"

1/1



BURKE

BJ561R-BJ563R

Parametriumklemme, langes Maul
Parametrium clamp, long jaw part

BJ561R
250 mm
10"

BJ563R
350 mm
14"

1/1



MILLIMETERS

Klemmen – Forceps

Klemmzangen

Clamps and Compression Forceps

DE BAKEY Zahnung



Toothings DE BAKEY

AIRAUMATA®

BJ



FB956R

255 mm

10"

FB957R

265 mm

10 1/2"

FB958R

275 mm

10 3/4"

DICK

FB956R-FB958R



WERTHEIM

BJ581R

250 mm, 10"



Klemmen – Forceps
Klemmzangen
Clamps and Compression Forceps

BJ



WERTHEIM-CULLEN

BJ579R

215 mm, 8 1/2"



FB954R
60 mm

FB955R
80 mm

FB954R-FB955R

230 mm, 9"



MILLIMETERS



INCHES



BL



Nähnadeln, Nadeldosen
Surgical Needles, Needle Cases

Nähnadeln, Näh dosen – Surgical Needles, Needle Cases

Chirurgische Nähnadeln

Surgical Needles

BL

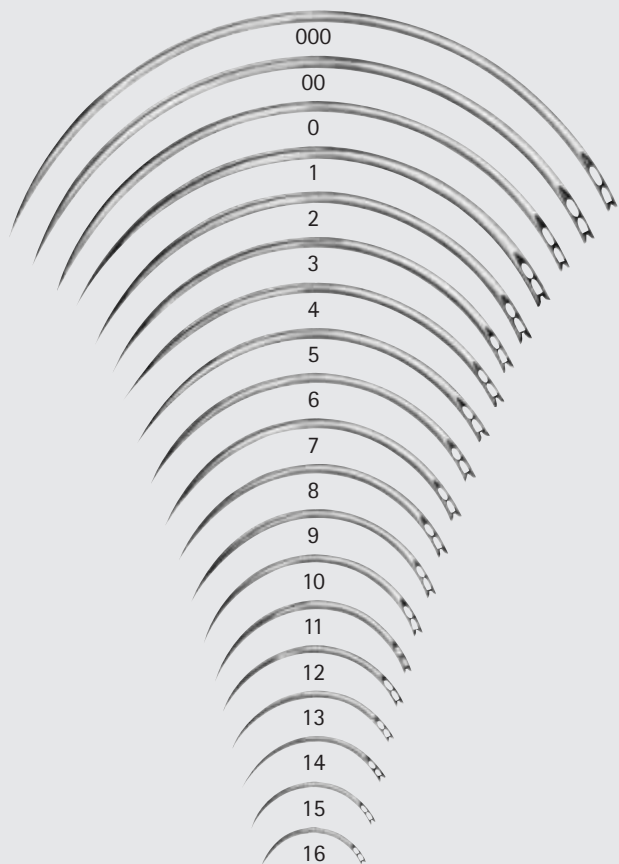
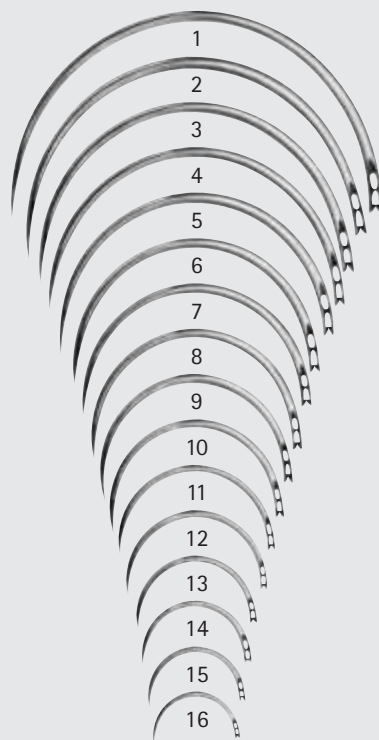


Fig.		Ø x Länge Diam. x length		Ø x Länge Diam. x length
000	BL058N	1,60 x 102 mm	BL098N	1,60 x 102 mm
00	BL059N	1,60 x 94 mm	BL099N	1,60 x 94 mm
0	BL060N	1,60 x 85 mm	BL100N	1,60 x 85 mm
1	BL061N	1,40 x 80 mm	BL101N	1,40 x 80 mm
2	BL062N	1,40 x 73 mm	BL102N	1,40 x 73 mm
3	BL063N	1,30 x 68 mm	BL103N	1,30 x 68 mm
4	BL064N	1,30 x 63 mm	BL104N	1,30 x 63 mm
5	BL065N	1,20 x 58 mm	BL105N	1,20 x 58 mm
6	BL066N	1,10 x 54 mm	BL106N	1,10 x 54 mm
7	BL067N	1,10 x 50 mm	BL107N	1,10 x 50 mm
8	BL068N	1,00 x 46 mm	BL108N	1,00 x 46 mm
9	BL069N	1,00 x 42 mm	BL109N	1,00 x 42 mm
10	BL070N	0,90 x 38 mm	BL110N	0,90 x 38 mm
11	BL071N	0,80 x 34 mm	BL111N	0,80 x 34 mm
12	BL072N	0,70 x 30 mm	BL112N	0,70 x 30 mm
13	BL073N	0,70 x 27 mm	BL113N	0,70 x 27 mm
14	BL074N	0,70 x 23 mm	BL114N	0,70 x 23 mm
15	BL075N	0,60 x 20 mm	BL115N	0,60 x 20 mm
16	BL076N	0,60 x 18 mm	BL116N	0,60 x 18 mm



	Ø x Länge Diam. x length		Ø x Länge Diam. x length
BL161N	1,40 x 80 mm	BL201N	1,40 x 80 mm
BL162N	1,40 x 73 mm	BL202N	1,40 x 73 mm
BL163N	1,30 x 68 mm	BL203N	1,30 x 68 mm
BL164N	1,30 x 63 mm	BL204N	1,30 x 63 mm
BL165N	1,20 x 58 mm	BL205N	1,20 x 58 mm
BL166N	1,10 x 54 mm	BL206N	1,10 x 54 mm
BL167N	1,10 x 50 mm	BL207N	1,10 x 50 mm
BL168N	1,00 x 46 mm	BL208N	1,00 x 46 mm
BL169N	1,00 x 42 mm	BL209N	1,00 x 42 mm
BL170N	0,90 x 38 mm	BL210N	0,90 x 38 mm
BL171N	0,80 x 34 mm	BL211N	0,80 x 34 mm
BL172N	0,70 x 30 mm	BL212N	0,70 x 30 mm
BL173N	0,70 x 27 mm	BL213N	0,70 x 27 mm
BL174N	0,70 x 23 mm	BL214N	0,70 x 23 mm
BL175N	0,60 x 20 mm	BL215N	0,60 x 20 mm
BL176N	0,60 x 18 mm	BL216N	0,60 x 18 mm



Nähnadeln, Näh Dosen – Surgical Needles, Needle Cases

Chirurgische Nähnadeln

Surgical Needles

Nähnadeln

Bestelleinheit: PAK = Packung à 12 Stück

Suture needles

Sales unit: Package of 12 pieces

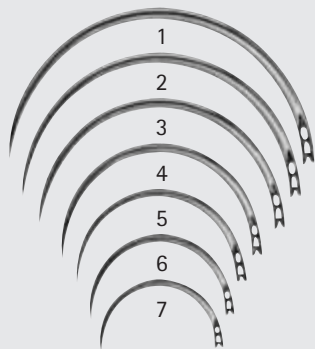


Fig.		Ø x Länge Diam. x length		Ø x Länge Diam. x length
000				
00				
0				
1		BL231N 1,60 x 65 mm		BL251N 1,60 x 65 mm
2		BL232N 1,60 x 60 mm		BL252N 1,60 x 60 mm
3		BL233N 1,40 x 52 mm		BL253N 1,40 x 52 mm
4		BL234N 1,40 x 45 mm		BL254N 1,40 x 45 mm
5		BL235N 1,30 x 37 mm		BL255N 1,30 x 37 mm
6		BL236N 1,10 x 32 mm		BL256N 1,10 x 32 mm
7		BL237N 1,00 x 26 mm		BL257N 1,00 x 26 mm

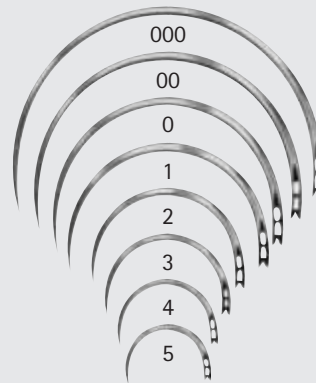


Fig.		Ø x Länge Diam. x length
BL318N		1,10 x 72 mm
BL319N		1,10 x 63 mm
BL320N		1,00 x 54 mm
BL321N		1,00 x 45 mm
BL322N		0,90 x 36 mm
BL323N		0,80 x 29 mm
BL324N		0,70 x 23 mm
BL325N		0,60 x 20 mm

Fig.		Ø x Länge Diam. x length
1		BL301N 0,80 x 75 mm
2		BL302N 0,80 x 70 mm
3		BL303N 0,80 x 65 mm
5		BL305N 0,70 x 55 mm



BL



Nähnadeln, Nähdosens – Surgical Needles, Needle Cases

Chirurgische Nadeln und Nähmaterial

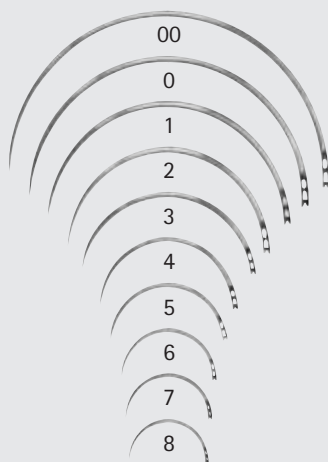
Surgical Needles and Suture Material

Nähnadeln

Bestelleinheit: PAK = Packung à 12 Stück

Suture needles

Sales unit: Package of 12 pieces



Darmnadeln

Intestinal needles

Fig.		Ø x Länge Diam. x length
00	BL539N	0,70 x 68 mm
0	BL540N	0,70 x 60 mm
1	BL541N	0,70 x 52 mm
2	BL542N	0,70 x 42 mm
3	BL543N	0,60 x 36 mm
4	BL544N	0,60 x 30 mm
5	BL545N	0,60 x 24 mm
6	BL546N	0,60 x 22 mm
7	BL547N	0,60 x 20 mm
8	BL548N	0,60 x 18 mm



Augennadeln

Eye needles

	Ø x Länge Diam. x length
BL601N	0,60 x 30 mm
BL602N	0,60 x 24 mm
BL603N	0,60 x 20 mm
BL604N	0,60 x 15 mm
BL605N	0,60 x 12 mm



Augennadeln

Eye needles

	Durchmesser x Länge
BL611N	0,60 x 30 mm
BL612N	0,60 x 24 mm
BL613N	0,60 x 19 mm
BL614N	0,60 x 15 mm
BL615N	0,60 x 12 mm



Nähnadeln, Näh Dosen – Surgical Needles, Needle Cases

Nadeldosen
Needle Cases



BL907R

70 x 53 x 9 mm



BL941R

150 x 90 x 10 mm



BL910R 50 x 25 x 5 mm

BL911R 50 x 30 x 6 mm

BL915R 75 x 25 x 5 mm



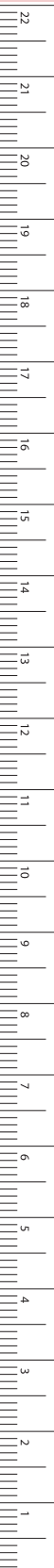
BL943R

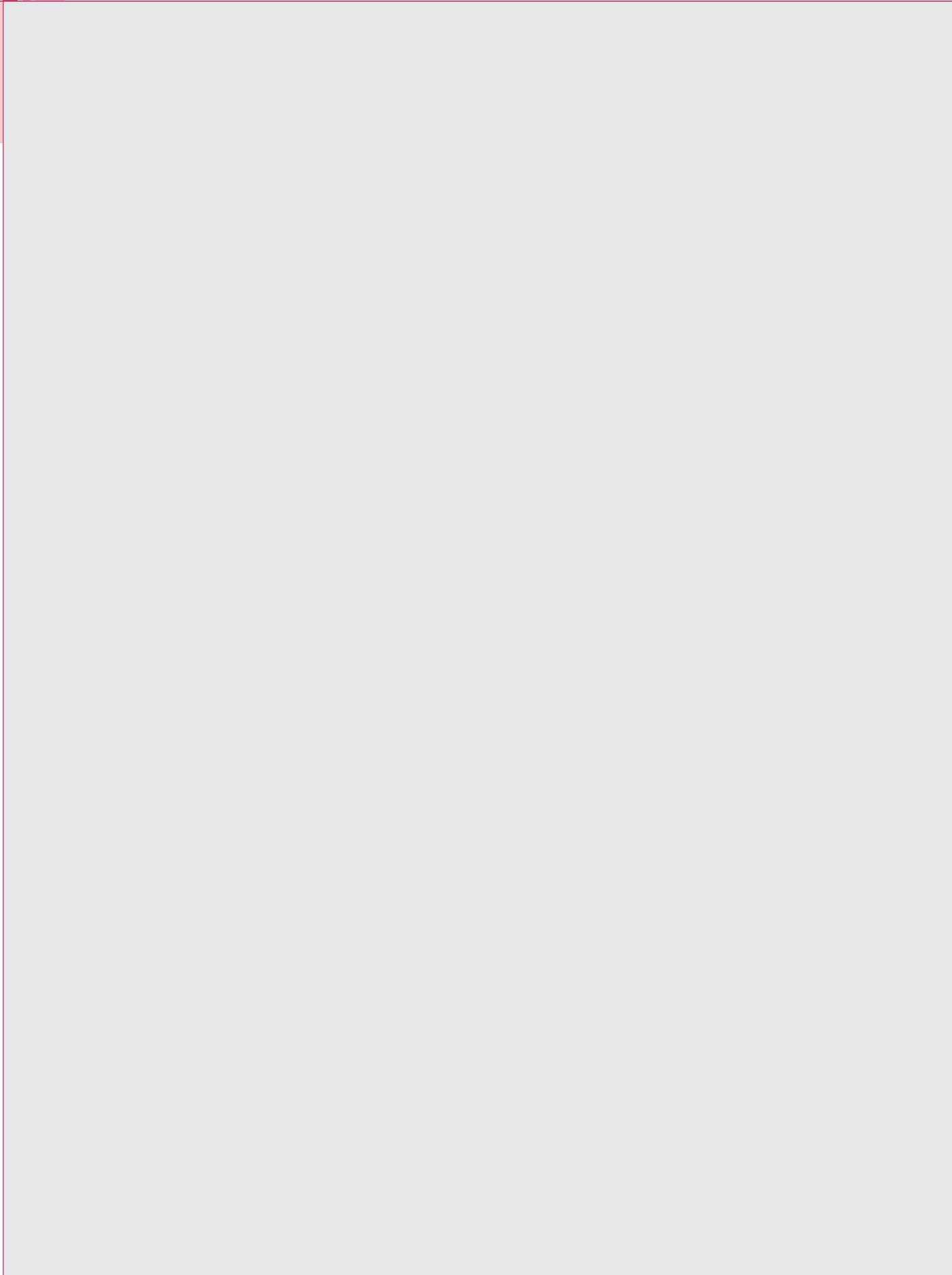
205 x 120 x 12 mm



BL930R	Nadeldose mit Innendose	Needle case with interior box	65 x 16 mm
BL932R	Nadeldose mit Innendose	Needle case with interior box	95 x 16 mm
BL929R	Außendose von BL930R allein	Exterior box of BL930R only	65 x 16 mm
BL931R	Innendose von BL930R allein	Interior box of BL930R only	62 x 17 mm
BL933R	Innendose von BL932R allein	Interior box of BL932R only	90 x 17 mm

BL





BM



Nadelhalter, Naht-Instrumente,
Unterbindungsnadeln und Hohlsonden
Needle Holders, Suture Instruments,
Ligature Needles, Guiding Probes

Nadelhalter – Needle Holders

Mikro-Nadelhalter mit Flachgriff

Micro Needle Holders with Flat Handles

BM



BM563R



BM564R

1/2

CASTROVIEJO

BM563R-BM564R

mit Sperre
with catch

145 mm, 5 3/4"



FD076R



FD079R

1/2

FD076R-FD079R

ohne Sperre
without catch

160 mm, 6 1/4"



FD080R



FD081R

1/2

FD080R-FD081R

ohne Sperre
without catch

185 mm, 7 1/4"



FD045R

ohne Sperre
without catch



FD046R

mit Sperre
with catch

1/2

JACOBSON

FD045R-FD046R

185 mm, 7 1/4"



1/1

FD048R

mit Sperre
with catch
200 mm, 8"

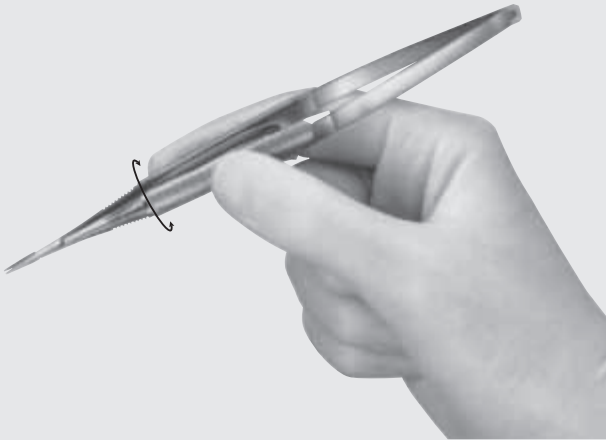
INCHES



Nadelhalter – Needle Holders

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles



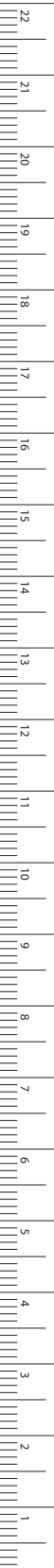
... mit Rundgriffen

- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles

- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

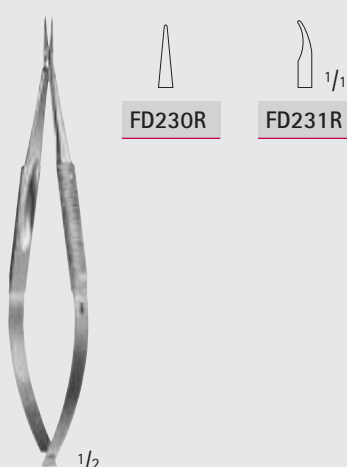
BM



BARRAQUER

BM560R-BM562R

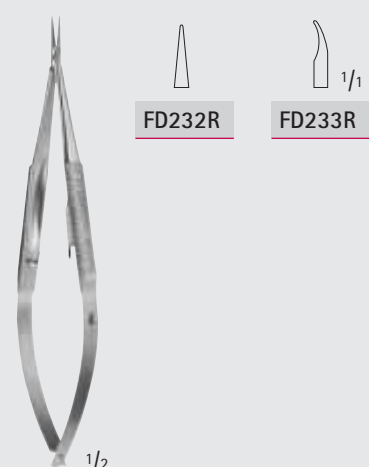
ohne Sperre
without catch



BARRAQUER

FD230R-FD231R

ohne Sperre
without catch
120 mm, 4 3/4"



BARRAQUER

FD232R-FD233R

mit Sperre
with catch
120 mm, 4 3/4"

MILLIMETERS

Nadelhalter – Needle Holders

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles

BM



FD240R



FD241R

1/2

REILL

FD240R-FD241R

ohne Sperre

without catch

150 mm, 6"



FD242R



FD243R

1/2

FD242R-FD243R

mit Sperre

with catch

150 mm, 6"



FD244R



FD245R

1/2

FD244R-FD245R

ohne Sperre

without catch

185 mm, 7 1/4"



FD246R



FD247R

1/2

FD246R-FD247R

mit Sperre

with catch

185 mm, 7 1/4"



Nadelhalter – Needle Holders

Mikro-Nadelhalter mit leichtem Kunststoffgriffprofil
Micro Needle Holders with Lightweight Plastic Handles



Das MÜLLER Mikro-Instrumentarium

Ein hochwertiges Set für die periphere Mikrochirurgie. Zahlreiche praxisbewährte Details führen zu mehr Effektivität und Sicherheit.

■ Unverkrampte Haltung = mehr Feingefühl

Das leichte Kunststoffprofil vergrößert die Griffoberfläche, gewährleistet dadurch eine unverkrampte Handhaltung und verleiht mehr Feingefühl.

■ Leichteres Drehen = erweiterter Arbeitsbereich

Der runde Griffquerschnitt ermöglicht leichtes, gleichmäßiges Drehen des Instrumentes. Verwendungs- bzw. Arbeitsbereich wird dadurch erweitert.

■ Sicherer Halt

Das griffige Noppenprofil gewährleistet einen durchweg sicheren Halt bei sämtlichen Bewegungsabläufen.

■ Optimales Handling

Eine Entwicklung nach ergonomischen Gesichtspunkten, verbunden mit dem geringen Gewicht der neuen Kunststoffgriffe schaffen die Voraussetzung zu ermüdungsfreiem Arbeiten und optimalem Handling.

The MÜLLER Micro instrument system

A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

■ Natural holding position = increased sensitivity

The light plastic profile increases the grip surface, thus guaranteeing a natural hand position without cramping and providing enhanced sensitivity.

■ Easier rotation = extended working area

The round grip cross section permits easy and uniform rotation of the instrument. This extends the application and working areas.

■ Safe grip

The easy grip studded profile guarantees a secure hold for all movements.

■ Optimum handling

Development in accordance with ergonomic criteria and the low weight of the new plastic grips provide fatigue-free working and optimum handling.



MÜLLER

FM021R

145 mm, 5 ³/₄"



MÜLLER

FM061R

180 mm, 7"

BM

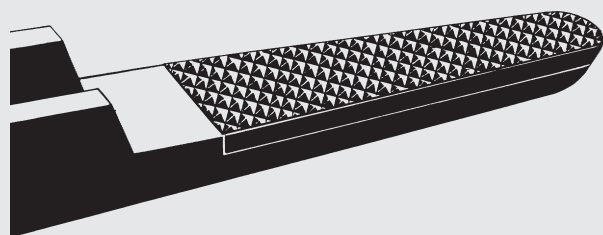
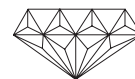


MILLIMETERS

Nadelhalter – Needle Holders

DUROGRIP® Mikro-Nadelhalter

DUROGRIP® Micro Needle Holders



glatt
smooth



0,2



0,4



0,5

AESCULAP-Nadelhalter sind durch die Struktur der Hartmetall-Maulteile auf das jeweilige, indikationsbezogene Nahtmaterial abgestimmt. Eine glatte Maulfläche sowie 3 verschiedene Haftprofile garantieren den sicheren „Griff“ der jeweiligen Nadel.

AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip“ of the resp. needle.

Wir empfehlen Hartmetall-Maulteile
mit glatter Fläche für Nahtmaterial
mit Teilung 0,2 mm für Nahtmaterial
0,4 mm
0,5 mm

9/0 – 11/0
6/0 – 10/0
4/0 – 6/0
bis 3/0

We recommend carbide inserts
with smooth jaw surface for suture material
with 0.2 mm pitch of serration for suture material
0.4 mm
0.5 mm

9/0 – 11/0
6/0 – 10/0
4/0 – 6/0
up to 3/0



DUROGRIP®-Nadelhalter mit Hartmetall-Plättchen
Kennzeichnung:

Vergoldete Ringe, Branchenenden und Sperren

DUROGRIP® Needle Holders with carbide inserts

Identification:

gold-plated rings, handle ends and ratchets



mit glattem Maul
with smooth jaw

1/2

CASTROVIEJO

BM001R

145 mm, 5 3/4"



0,2

1/2

CASTROVIEJO

BM002R

145 mm, 5 3/4"



0,4

1/2

BM003R

170 mm, 6 3/4"



Nadelhalter – Needle Holders

DUROGRIP Mikro-Nadelhalter

DUROGRIP Micro Needle Holders



BM



CASTROVIEJO

BM004R

180 mm, 7"



CASTROVIEJO

BM005R

215 mm, 8 1/2"



FM388R

mit Sperre
with catch
180 mm, 7"



FM390R

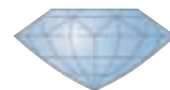
mit Sperre
with catch
200 mm, 8"

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST

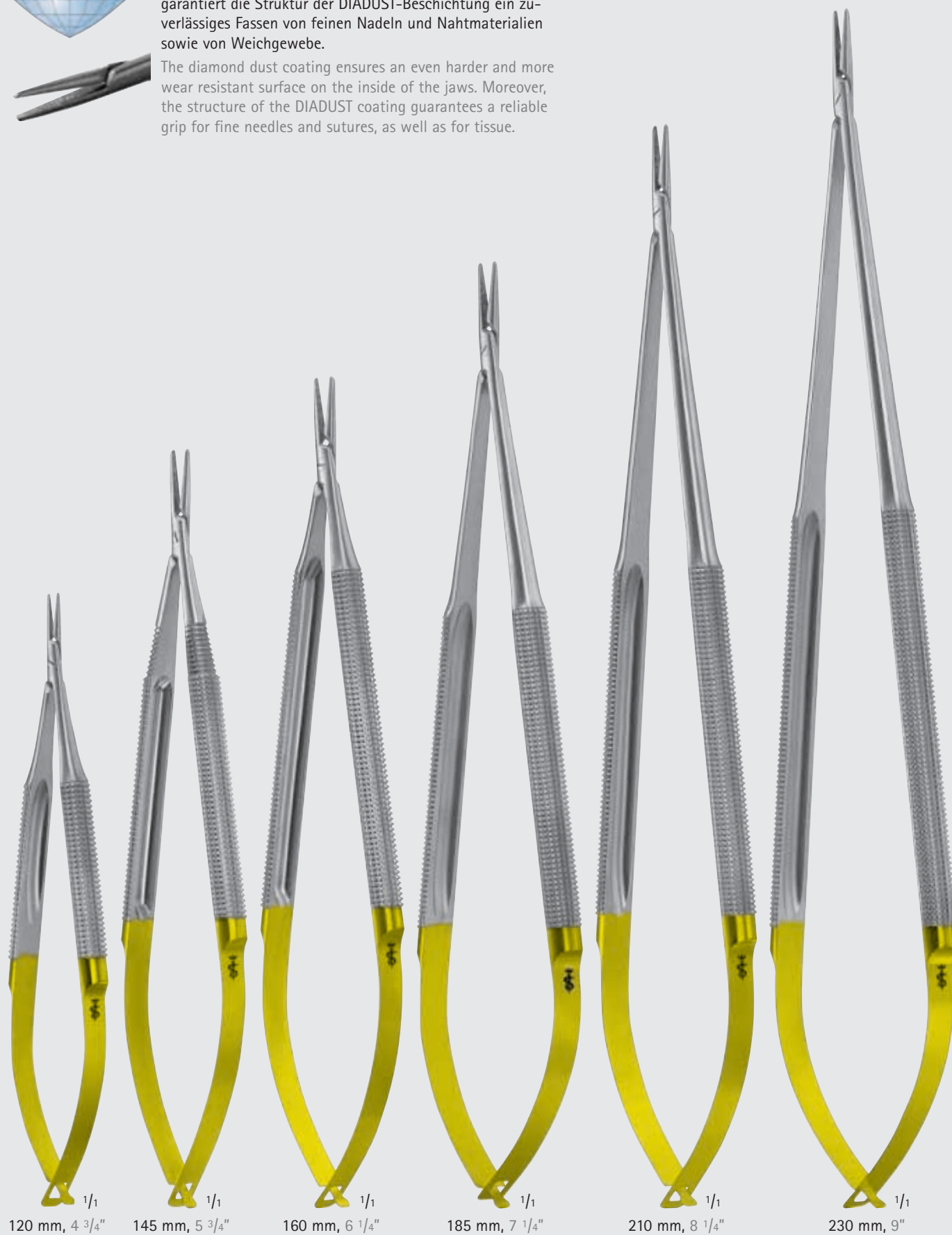


DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



120 mm, 4 ³/₄" 1/1

145 mm, 5 ³/₄" 1/1

160 mm, 6 ¹/₄" 1/1

185 mm, 7 ¹/₄" 1/1

210 mm, 8 ¹/₄" 1/1

230 mm, 9" 1/1



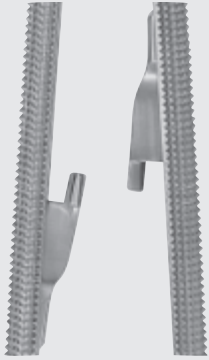
DIADUST



Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle



mit Sperre
with ratchet

Länge (mm)
Length (in.)

120 mm
4 3/4"

145 mm
5 3/4"

160 mm
6 1/4"

185 mm
7 1/4"

210 mm
8 1/4"

230 mm
9"



Nahtmaterialgröße
Suture size

7/0 und kleiner
7/0 and smaller

5/0 und kleiner
5/0 and smaller

4/0 und kleiner
4/0 and smaller

4/0 und kleiner
4/0 and smaller

FM520R

FM522R

FM521R

FM523R

FM563R

FM564R

FM218R

FM565R

FM566R

FM228R

FM221R

FM567R

FM568R

FM230R

FM223R



ohne Sperre
without
ratchet

Länge (mm)
Length (in.)

120 mm
4 3/4"

145 mm
5 3/4"

160 mm
6 1/4"

185 mm
7 1/4"

210 mm
8 1/4"

230 mm
9"



Nahtmaterialgröße
Suture size

7/0 und kleiner
7/0 and smaller

5/0 und kleiner
5/0 and smaller

FM524R

FM528R

FM525R

FM529R

FM526R

FM530R

FM527R

FM531R

FM532R

FM533R

BM



MILLIMETERS

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



190 mm, 7 1/2"

230 mm, 9"

250 mm, 10"

BM





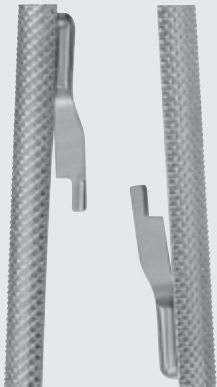
DIADUST



Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle



mit Sperre,
kräftige
Ausführung
with ratchet,
heavy style

Länge (mm)
Length (in.)

190 mm
7 1/2"

230 mm
9"

250 mm
10"



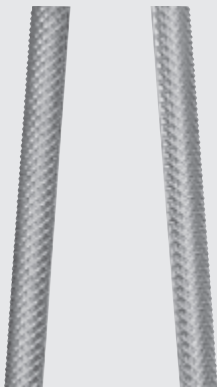
Nahtmaterialgröße
Suture size

2/0 und kleiner
2/0 and smaller

FM538R

FM539R

FM534R



ohne Sperre,
kräftige
Ausführung
without
ratchet,
heavy style

Länge (mm)
Length (in.)

190 mm
7 1/2"

230 mm
9"

250 mm
10"



Nahtmaterialgröße
Suture size

2/0 und kleiner
2/0 and smaller

FM535R

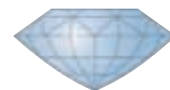
FM536R

FM537R

BM



MILLIMETERS



Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



145 mm, 5 ³/₄"

170 mm, 6 ³/₄"

185 mm, 7 ¹/₄"

210 mm, 8 ¹/₄"

230 mm, 9"



DIADUST



Nadelhalter – Needle Holders

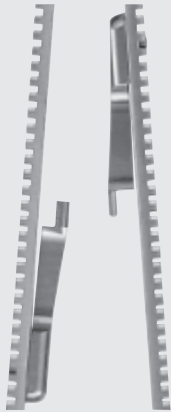
DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles

BM



MILLIMETERS

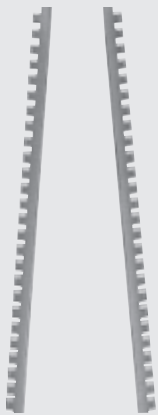


mit Sperre
with ratchet



Nahtmaterialgröße
Suture size

Länge (mm) Length (in.)	7/0 und kleiner 7/0 and smaller	5/0 und kleiner 5/0 and smaller
145 mm 5 3/4"		<u>FM541R</u>
170 mm 6 3/4"	<u>FM540R</u>	
185 mm 7 1/4"		<u>FM542R</u>
210 mm 8 1/4"		<u>FM543R</u>
230 mm 9"		<u>FM544R</u>



ohne Sperre
without
ratchet



Nahtmaterialgröße
Suture size

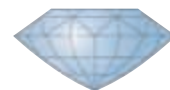
Länge (mm) Length (in.)	7/0 und kleiner 7/0 and smaller	5/0 und kleiner 5/0 and smaller
145 mm 5 3/4"		<u>FM546R</u>
170 mm 6 3/4"	<u>FM545R</u>	
185 mm 7 1/4"		<u>FM547R</u>
210 mm 8 1/4"		<u>FM548R</u>
230 mm 9"		<u>FM549R</u>

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holder with Flat Knurled Handle

DIADUST



DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



185 mm, 7 $\frac{1}{4}$ "

210 mm, 8 $\frac{1}{4}$ "

230 mm, 9"

BM





DIADUST



Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Knurled Handle

BM



MILLIMETERS



mit Sperre
with ratchet



Nahtmaterialgröße
Suture size

Länge (mm)
Length (in.)

5/0 und kleiner
5/0 and smaller

185 mm
7 1/4"

FM550R

210 mm
8 1/4"

FM551R

230 mm
9"

FM552R



ohne Sperre
without
ratchet



Nahtmaterialgröße
Suture size

Länge (mm)
Length (in.)

5/0 und kleiner
5/0 and smaller

185 mm
7 1/4"

FM553R

210 mm
8 1/4"

FM554R

230 mm
9"

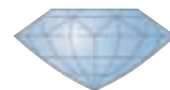
FM555R

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter

DIADUST Micro Needle Holders

DIADUST



DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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GLASSER

FM560R

Nahtmaterialgröße: 5/0 und kleiner
Suture size: 5/0 and smaller
125 mm, 5"



GLASSER

FM561R

Nahtmaterialgröße: 5/0 und kleiner
Suture size: 5/0 and smaller
180 mm, 7"



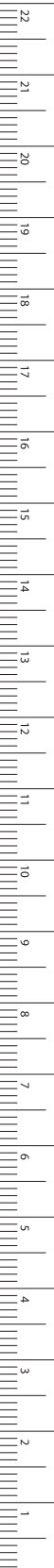
DIADUST



Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter
DIADUST Micro Needle Holders

BM



MILLIMETERS



FD258R

FD259R

FD258R-FD259R

180 mm, 7"



FM236R

mit Sperre
Nahtmaterialgröße: 5/0 und kleiner
with ratchet
Suture size: 5/0 and smaller
210 mm, 8 1/4"



FM276R

ohne Sperre
Nahtmaterialgröße: 5/0 und kleiner
without ratchet
Suture size: 5/0 and smaller
210 mm, 8 1/4"

Nadelhalter – Needle Holders
DIADUST Mikro-Nadelhalter
DIADUST Micro Needle Holders



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



					^{1/1}
BM301R	BM325R	BM302R	BM327R	BM328R	
140 mm	160 mm	180 mm	220 mm	250 mm	
5 1/2"	6 1/4"	7"	8 3/4"	10"	

RYDER
BM301R-BM328R

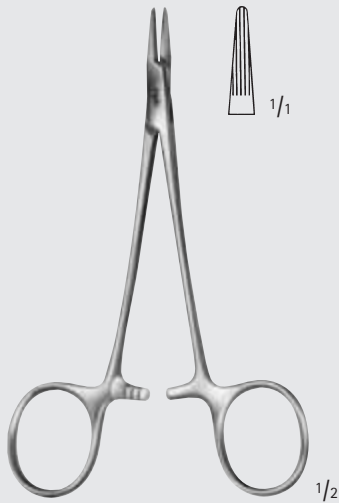
Nahtmaterialgröße: 5/0 und kleiner
Suture Size: 5/0 and smaller



Nadelhalter – Needle Holders

Nadelhalter Needle Holders

BM



CONVERSE

BM200R

130 mm, 5 1/8"



WEBSTER

BM202R

125 mm, 5"



HALSEY

BM201R-BM205R

130 mm, 5 1/8"



DERF

BM204R

125 mm, 5"



DOYEN

BM210R

125 mm, 5"



BAUMGARTNER

BM215R

145 mm, 5 3/4"



Nadelhalter – Needle Holders

Nadelhalter

Needle Holders

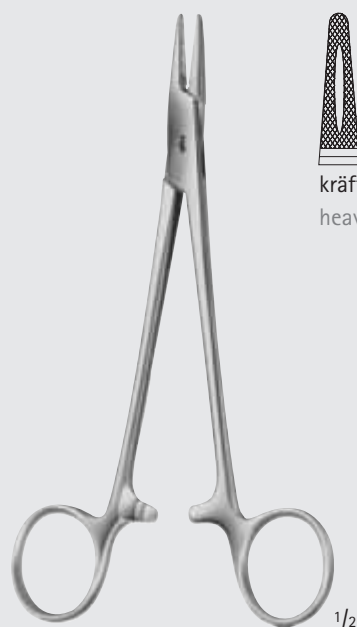


 $\frac{1}{1}$
feines Modell
delicate pattern

CRILE-WOOD

BM218R

150 mm, 6"



 $\frac{1}{1}$
kräftiges Modell
heavy pattern

CRILE-WOOD

BM220R

160 mm, 6 $\frac{1}{4}$ "



 $\frac{1}{1}$

CRILE-MURRAY

BM219R

150 mm, 6"



 $\frac{1}{1}$

KILNER

BM211R

135 mm, 6"



Nadelhalter – Needle Holders

Nadelhalter Needle Holders

BM



LAWRANCE

BM221R

150 mm, 6"



ADSON

BM224R

180 mm, 7"



MAYO-HEGAR

BM235R-BM240R

mittelfeine Modelle
medium fine patterns

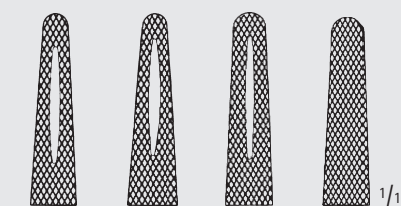
BM235R	BM236R	BM237R	BM238R	BM240R
150 mm	185 mm	200 mm	235 mm	265 mm
6"	7 1/4"	8"	9 1/4"	10 1/2"



Nadelhalter – Needle Holders

Nadelhalter

Needle Holders



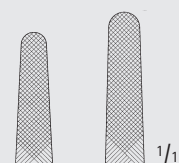
BM245R	BM247R	BM249R	BM255R
150 mm	175 mm	205 mm	205 mm
6"	7"	8"	8"

HEGAR

BM245R-BM255R

kräftige Modelle

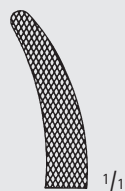
heavy patterns



BM241R	BM242R
165 mm	190 mm
6 1/2"	7 1/2"

MAYO-HEGAR

BM241R-BM242R



HEANEY

BM259R

200 mm, 8"



JAMESON

BM270R

230 mm, 9"

BM





Nadelhalter – Needle Holders

Nadelhalter
Needle Holders

BM



WANGENSTEEN

BM272R

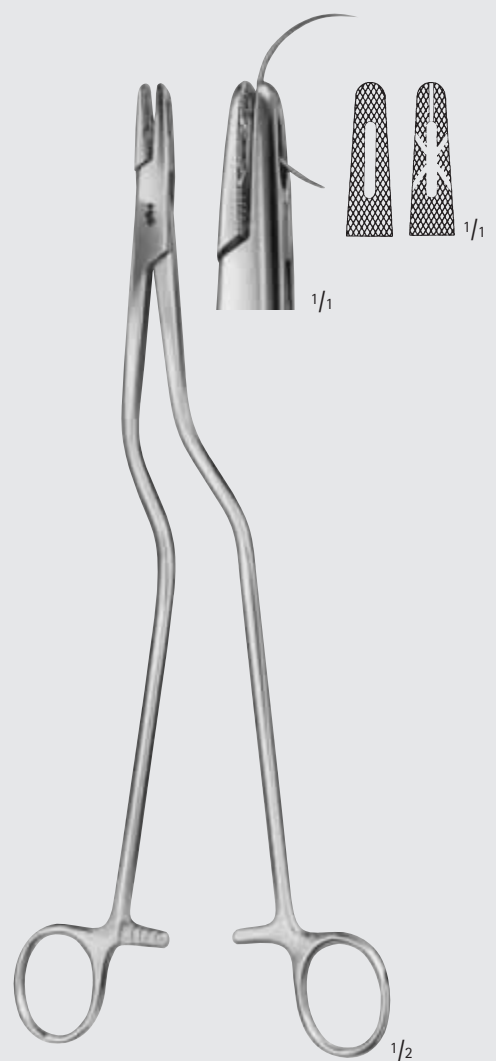
275 mm, 10 $\frac{3}{4}$ "



MASSON

BM275R

265 mm, 10 $\frac{1}{2}$ "



MASSON-LUETHY

BM280R

255 mm, 10"

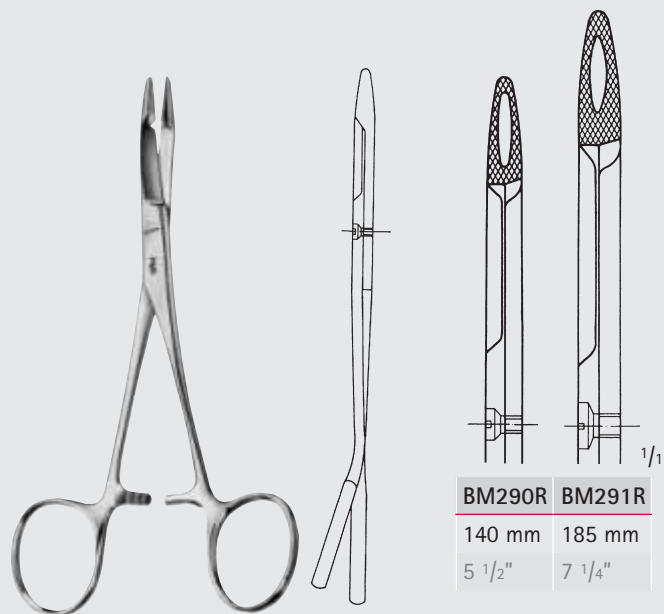


MILLIMETERS

Nadelhalter – Needle Holders

Nadelhalter mit Schere

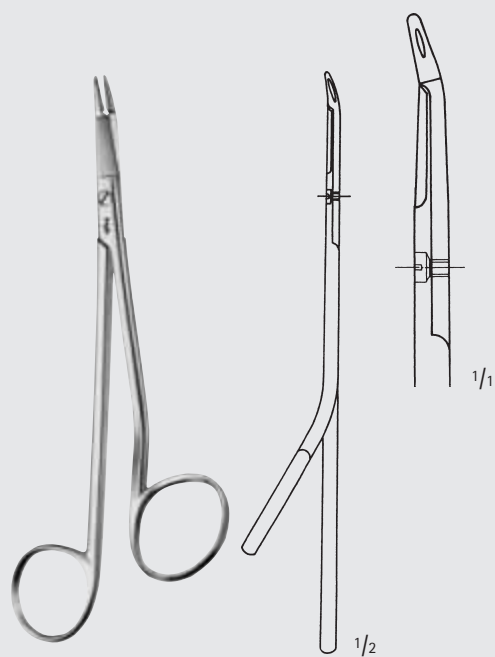
Needle Holders with Scissors



BM290R	BM291R
140 mm	185 mm
5 1/2"	7 1/4"

HEGAR-OLSEN

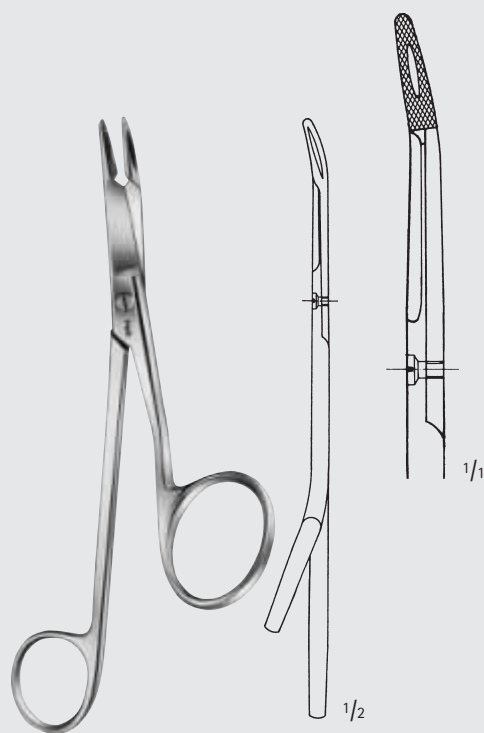
BM290R-BM291R



GILLIES

BM298R

150 mm, 6"



GILLIES

BM299R

160 mm, 6 1/4"



Nadelhalter – Needle Holders

Nadelhalter Needle Holders

BM



CRILE

BM503R

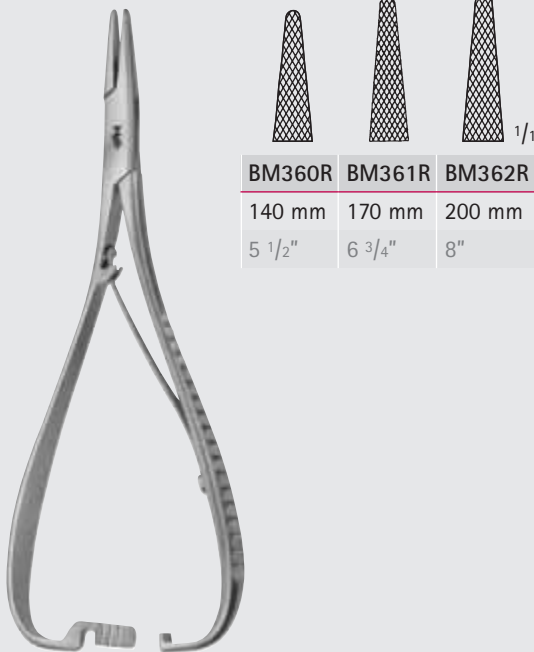
150 mm, 6"



TÖNNIS

BM510R

elastisches Modell für Dura- oder Darmnaht
elastic pattern for dura- or intestinal suture
180 mm, 7"



MATHIEU

BM360R-BM362R

BM360R	BM361R	BM362R
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"



MATHIEU-STILLE

BM406R-BM407R

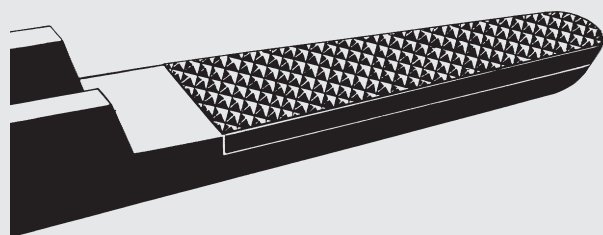
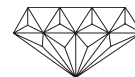
sehr kräftige Modelle
very heavy patterns



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



glatt
smooth



0,2



0,4



0,5

AESCULAP-Nadelhalter sind durch die Struktur der Hartmetall-Maulteile auf das jeweilige, indikationsbezogene Nahtmaterial abgestimmt. Eine glatte Maulfläche sowie 3 verschiedene Haftprofile garantieren den sicheren „Griff“ der jeweiligen Nadel.

AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip“ of the resp. needle.

Wir empfehlen Hartmetall-Maulteile
mit glatter Fläche für Nahtmaterial
mit Teilung 0,2 mm für Nahtmaterial
0,4 mm
0,5 mm

9/0 – 11/0
6/0 – 10/0
4/0 – 6/0
bis 3/0

We recommend carbide inserts
with smooth jaw surface for suture material
with 0.2 mm pitch of serration for suture material
0.4 mm
0.5 mm

9/0 – 11/0
6/0 – 10/0
4/0 – 6/0
up to 3/0



DUROGRIP®-Nadelhalter mit Hartmetall-Plättchen

Kennzeichnung:

Vergoldete Ringe, Branchenenden und Sperren

DUROGRIP® Needle Holders with carbide inserts

Identification:

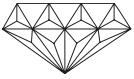
gold-plated rings, handle ends and ratchets



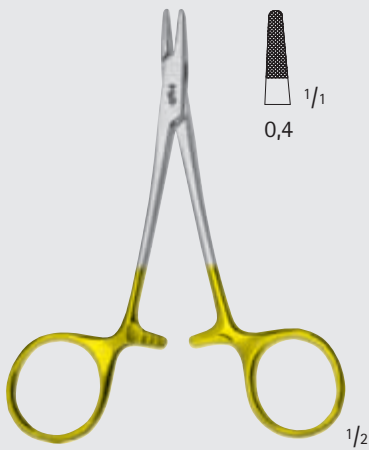
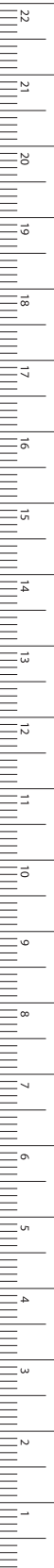
Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



BM



DERF

BM008R

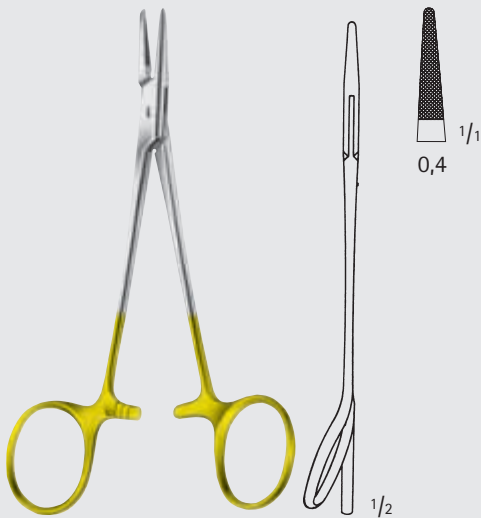
115 mm, 4 1/2"



HALSEY

BM010R

120 mm, 4 3/4"



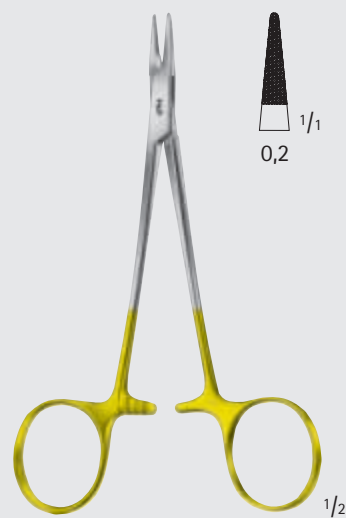
MASING

BM009R

ein Ring abgewinkelt

one ring angled

130 mm, 5 1/8"



CONVERSE

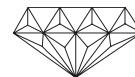
BM011R

130 mm, 5 1/8"

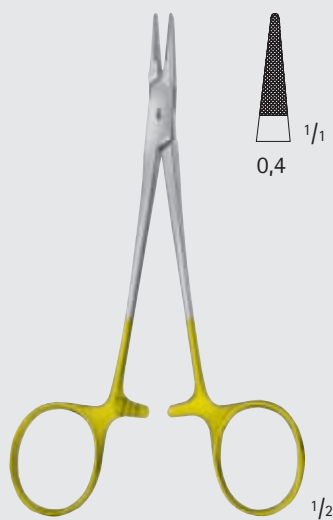
Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



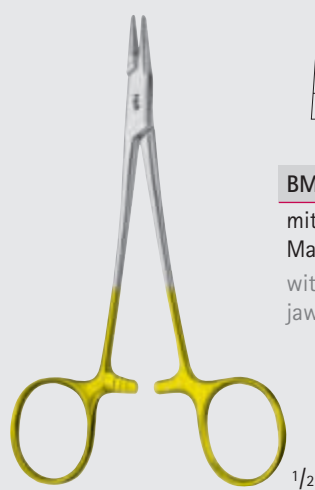
BM



HALSEY

BM012R

130 mm, 5 1/8"



WEBSTER

BM014R-BM024R

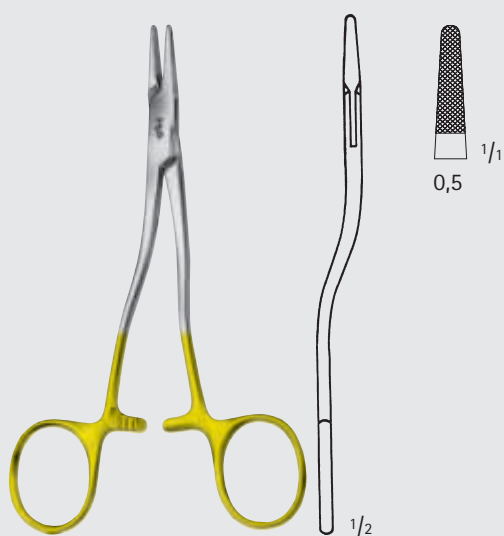
125 mm, 5"

BM014R

mit glattem
Maul

with smooth
jaws

BM024R



KILNER

BM018R

135 mm, 5 1/4"



BAUMGARTNER

BM015R

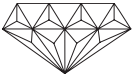
145 mm, 5 3/4"



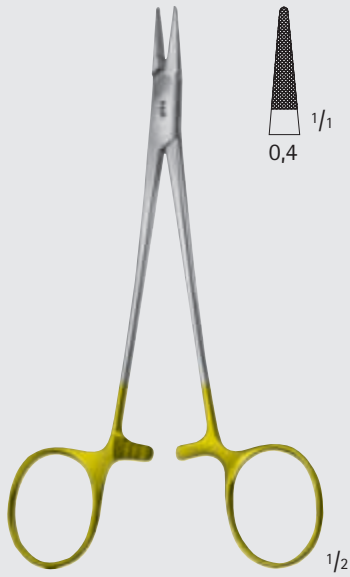
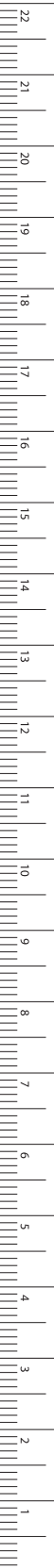
Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



BM



BABY-CRILE-WOOD

BM013R

150 mm, 6"



CRILE-WOOD

BM016R-BM030R

0,4	0,4	0,4	0,4	0,4	1/1
BM016R	BM017R	BM019R	BM030R	BM021R	
145 mm	185 mm	200 mm	270 mm	305 mm	
5 3/4"	7 1/4"	8"	10 3/8"	12 1/2"	



SAROT

BM020R-BM023R



HEGAR-MAYO-SEELEY

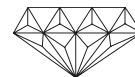
BM022R

200 mm, 8"

Nadelhalter – Needle Holders

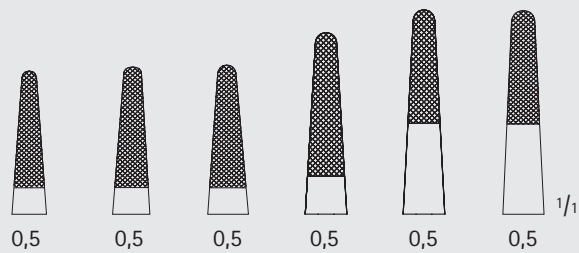
DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

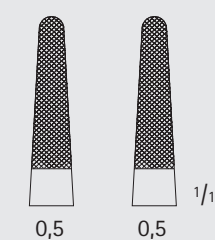


HEGAR-MAYO

BM065R-BM070R



BM065R	BM066R	BM067R	BM068R	BM070R	BM069R
150 mm	185 mm	205 mm	235 mm	265 mm	300 mm
6"	7 1/4"	8"	9 1/4"	10 1/2"	12"

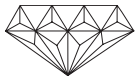


BM077R	BM078R
205 mm	245 mm
8"	9 3/4"

HEGAR

BM077R-BM078R

kräftige Modelle
heavy patterns

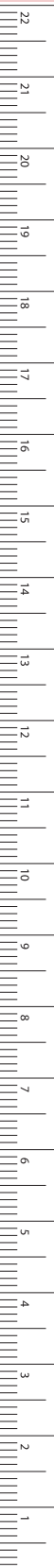


Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter mit Schere

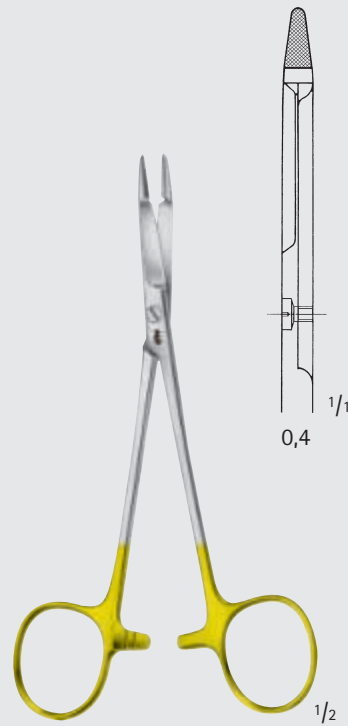
DUROGRIP® Needle Holders with Scissors

BM



BM127R

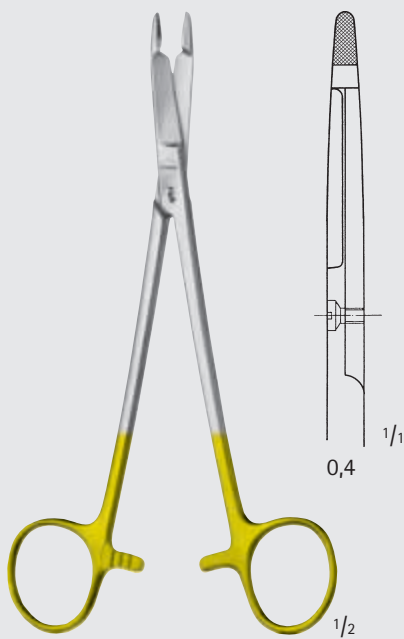
125 mm, 5"



HEGAR-OLSEN MODIF. LANGE

BM128R

145 mm, 5 3/4"



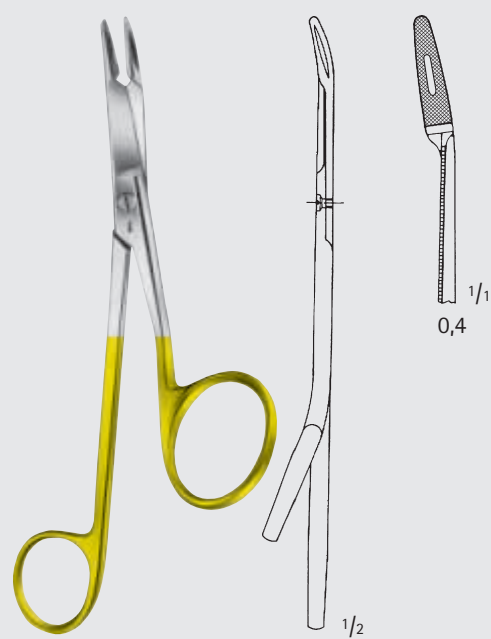
HEGAR-OLSEN

BM124R

1 Blatt fein gezahnt

1 blade fine serrated

165 mm, 6 1/2"



GILLIES

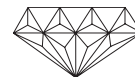
BM129R

160 mm, 6 1/4"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter, Drahtspannzangen, Ligaturzangen

DUROGRIP® Needle Holders, Wire Twisters, Ligature Forceps



BM



BM110R

150 mm, 6"



BM111R

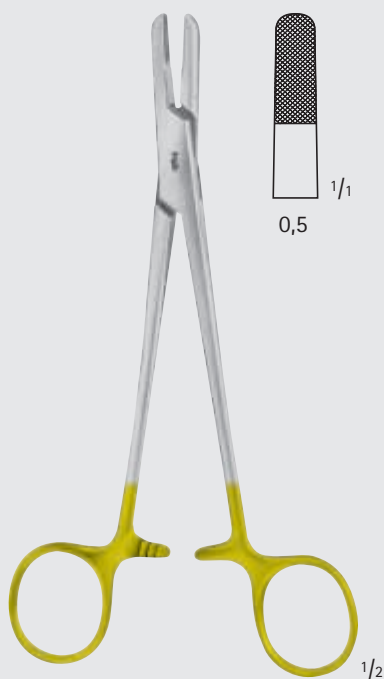
150 mm, 6"



BAUMGARTNER

BM112R

200 mm, 8"



BM113R

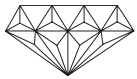
175 mm, 7"



BERRY

MD456R

185 mm, 7 1/4"

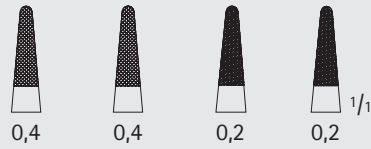


»grazil«

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders

BM

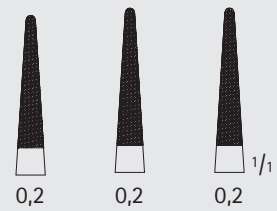


BM033R	BM034R	BM063R	BM064R
165 mm	210 mm	165 mm	210 mm
6 1/2"	8 1/4"	6 1/2"	8 1/4"

DE BAKEY

BM033R-BM064R

sehr fein
very delicate



BM025R	BM026R	BM027R
180 mm	200 mm	230 mm
7"	8"	9"

BM025R-BM027R

sehr fein
very delicate



BM032R	BM035R	BM036R	BM037R	BM038R
150 mm	180 mm	230 mm	250 mm	305 mm
6"	7"	9"	10"	12"

DE BAKEY

BM032R-BM038R

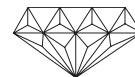


Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

»grazil«



BM



DE BAKEY

BM040R

schlankes Modell

slender pattern

305 mm, 12"



DE BAKEY

BM051R-BM052R

Ringe griffgünstig abgesetzt
und gebogen

one extended handle and curved
rings ensure optimum grip

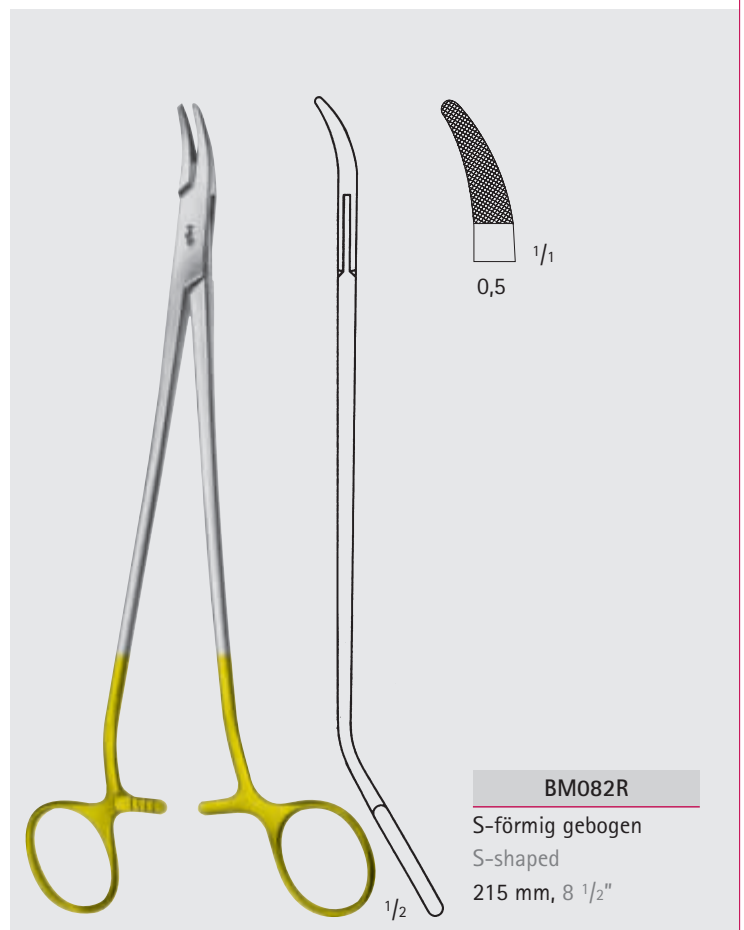
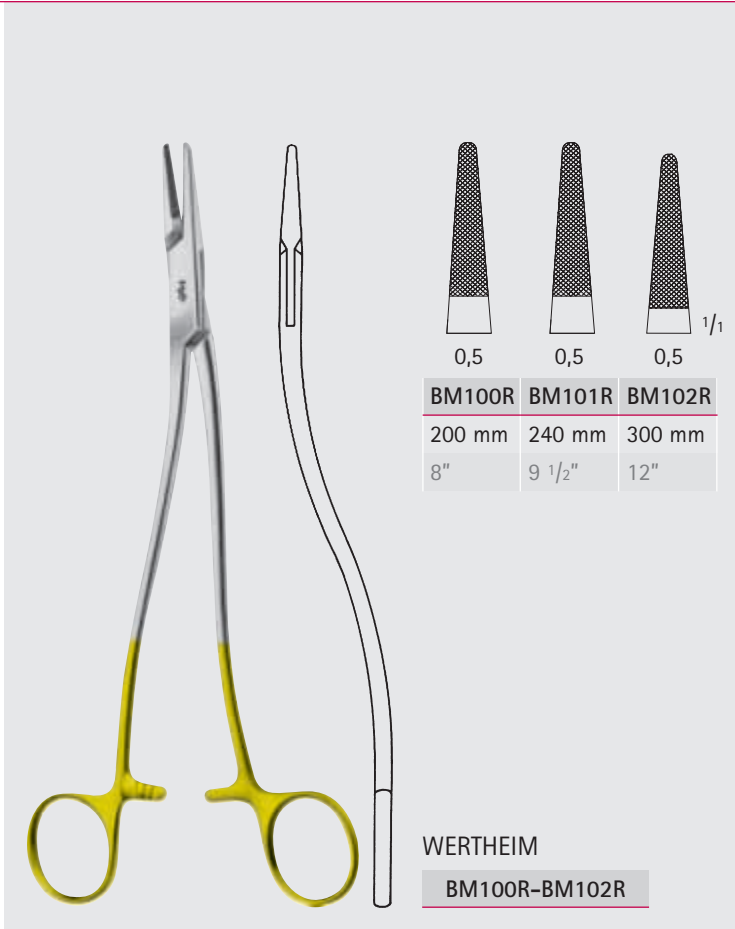
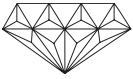
0,4	0,4
1/1	1/1
BM051R	BM052R
195 mm	245 mm
7 3/4"	9 3/4"



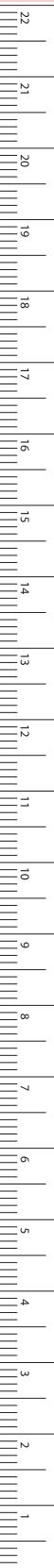
Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



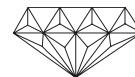
BM



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



BM



WANGENSTEEN

BM042R

275 mm, 10 3/4"

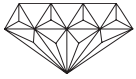


BM105R

275 mm, 10 3/4"



Nadelhalter – Needle Holders
DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders



BM



NAUNTUN-MORGAN

BM088R

260 mm, 10 1/2"



MÜLLER

BM089R

für tiefe Rektumchirurgie
for deep rectum surgery
360 mm, 14"

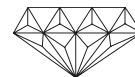


MILLIMETERS

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



BM



MASSON

BM090R

265 mm, 10 1/2"



FINOCHIETTO

BM092R

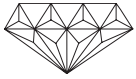
265 mm, 10 1/2"



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

BM



RYDER

BM074R-BM076R

mit glattem Maul
with smooth jaws

		
BM074R	BM075R	BM076R
150 mm	180 mm	230 mm
6"	7"	9"



BM184R

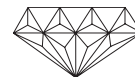
200 mm, 8"



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

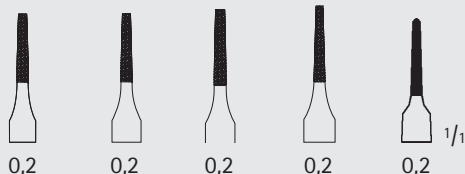
DUROGRIP® Needle Holders



Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

»grazil«



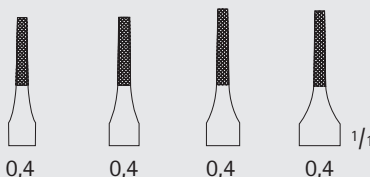
BM054R	BM055R	BM056R	BM057R	BM058R
135 mm	155 mm	175 mm	210 mm	230 mm
5 1/4"	6"	7"	8 1/4"	9"

RYDER

BM054R-BM058R

sehr fein

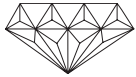
very delicate



BM044R	BM045R	BM046R	BM047R
135 mm	175 mm	195 mm	265 mm
5 1/4"	7"	7 3/4"	10 1/2"

RYDER

BM044R-BM047R



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter, ergonomische Griff-Form

DUROGRIP® Nadelhalter, Ergonomic Handle

Diese Instrumente bieten dem Chirurgen ein Maximum an ergonomischem Komfort. Das optimierte Design der Instrumente ermöglicht ein ermüdungsfreies Arbeiten insbesondere bei schwierigen Naht- und Anastomostechiken.

These instruments provide the surgeon with a maximum of ergonomic comfort. The optimized design of the Instruments offers a fatigue-free working especially with regard to difficult suture and anastomosis techniques.

BM



HELLBERG-KUPKA

BM320R

mit Anreichsperre
with locking ratchet
210 mm, 8 1/4"



REIN-KUPKA

BM310R

ohne Sperre
without ratchet
190 mm, 7 1/2"



REIN-KUPKA

BM311R

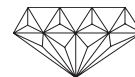
mit Sperre
with ratchet
190 mm, 7 1/2"



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



BM



TÖNNIS

BM186R

elastisches Modell

elastic pattern

180 mm, 7"



TÖNNIS MODIF.

BM183R

elastisches Modell

elastic pattern

180 mm, 7"



LANGENBECK

BM191R-BM193R



LANGENBECK

BM196R

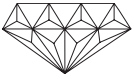
200 mm, 8"

»grazil«



Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders



BM



MILLIMETERS



ZWEIFEL

BM170R

200 mm, 8"



ZWEIFEL

BM172R

200 mm, 8"



AESCULAP

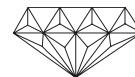
BM178R

200 mm, 8"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



BM



»grazil«



LICHTENBERG

BM132R

elastisches Modell
elastic pattern

195 mm, 7 3/4"



BM165R

mit langem Hals
with long neck
205 mm, 8"



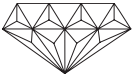
HÖSEL

BM168R

mit langem Hals
with long neck
260 mm, 10"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders



»grazil«



		
0,4	0,4	0,4 ^{1/1}
BM148R	BM150R	BM153R
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"

MATHIEU

BM148R-BM153R

feine Modelle
delicate patterns



		
0,5	0,5	0,5 ^{1/1}
BM149R	BM151R	BM154R
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"

MATHIEU

BM149R-BM154R

Standard-Modelle
Standard patterns



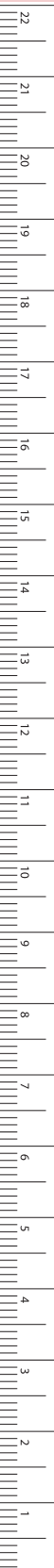
	
0,5	0,5 ^{1/1}
BM156R	BM158R
200 mm	245 mm
8"	9 3/4"

MATHIEU

BM156R-BM158R

kräftige Modelle
heavy patterns

BM



Nadelhalter – Needle Holders

Bumerang-Nadelhalter

Boomerang Needle Holders

BM



BM627R



BM628R



BM629R

BM627R-BM629R

Ersatz-Nadeln

Spare needles



1/2

YOUNG-HRYNTSCHAK

BM620R

Bumerang-Nadelhalter
mit 1 Nadel BM627R
Boomerang Needle Holder
with 1 needle BM627R
240 mm, 9 1/2"



1/2

MILLIN

EF168R

Fadenhaltezeange
Ligature holding forceps
285 mm, 9 3/4"



Nadelhalter – Needle Holders
Naht-Instrumente – Reverdin-Nadeln
Suture Instruments – Reverdin Needles

BM



1/1

1/2



BM711R



BM712R



BM713R



BM714R

1/1

REVERDIN

BM711R-BM714R

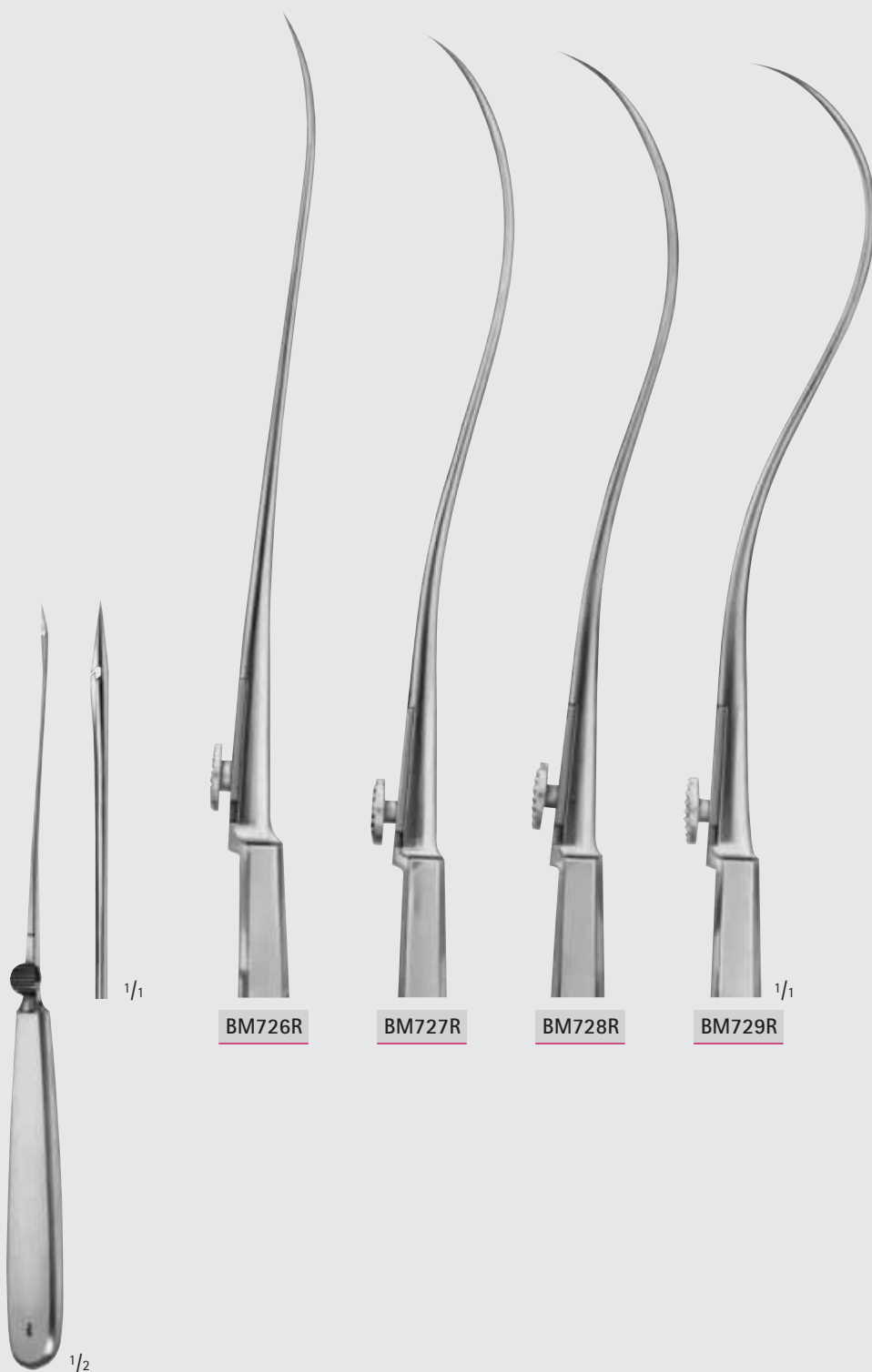
195 mm, 7 ³/₄"



MILLIMETERS

Nadelhalter – Needle Holders
Naht-Instrumente – Reverdin-Nadeln
Suture Instruments – Reverdin Needles

BM



BM726R

BM727R

BM728R

BM729R

REVERDIN

BM726R-BM729R

220 mm, 8 $\frac{3}{4}$ "



Nadelhalter – Needle Holders

Naht-Instrumente - Unterbindungsnadeln
Suture Instruments - Ligature Needles

BM



KRONECKER

BM801R

für rechte Hand
stumpf
for right hand
blunt
155 mm, 6"



KRONECKER

BM802R

für linke Hand
stumpf
for left hand
blunt
155 mm, 6"



DESCHAMPS

BM812R

für rechte Hand
steile Biegung
stumpf
for right hand
steep turn
blunt
225 mm, 9"



DESCHAMPS

BM813R

für linke Hand
steile Biegung
stumpf
for left hand
steep turn
blunt
225 mm, 9"



DESCHAMPS

BM814R

für rechte Hand
steile Biegung
stumpf
for right hand
steep turn
blunt
225 mm, 9"



Nadelhalter – Needle Holders

Naht-Instrumente - Unterbindungsnadeln

Suture Instruments - Ligature Needles

BM



DESCHAMPS

BM806R

für rechte Hand
stumpf
for right hand
blunt
215 mm, 8 1/2"



DESCHAMPS

BM807R

für linke Hand
stumpf
for left hand
blunt
215 mm, 8 1/2"



DESCHAMPS

BM808R

für rechte Hand
stumpf
for right hand
blunt
210 mm, 8 1/4"



DESCHAMPS

BM809R

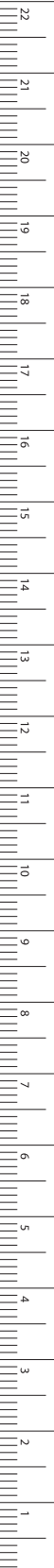
für linke Hand
stumpf
for left hand
blunt
210 mm, 8 1/4"



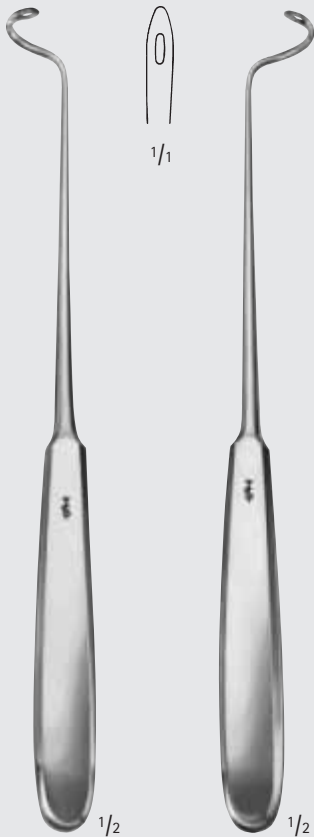
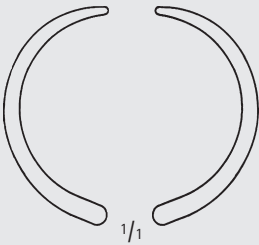
Nadelhalter – Needle Holders

Naht-Instrumente - Unterbindungsnadeln
Suture Instruments - Ligature Needles

BM



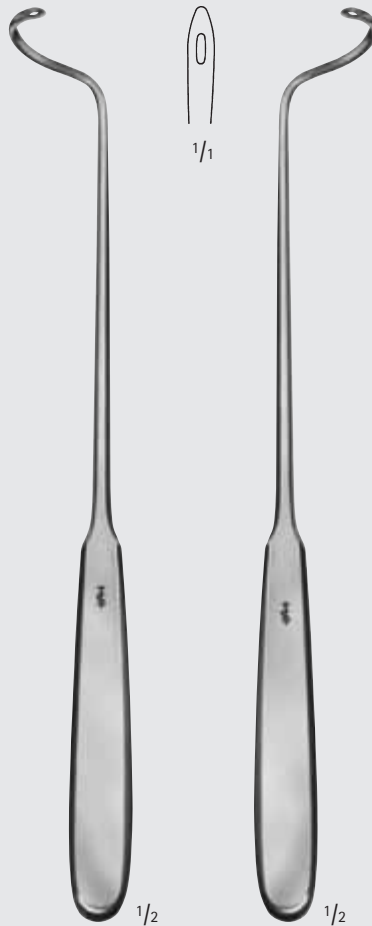
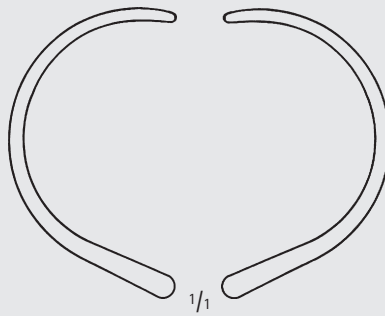
MILLIMETERS



DESCHAMPS

BM810R

für rechte Hand
stumpf
for right hand
blunt
215 mm, 8 1/2"



DESCHAMPS

BM822R

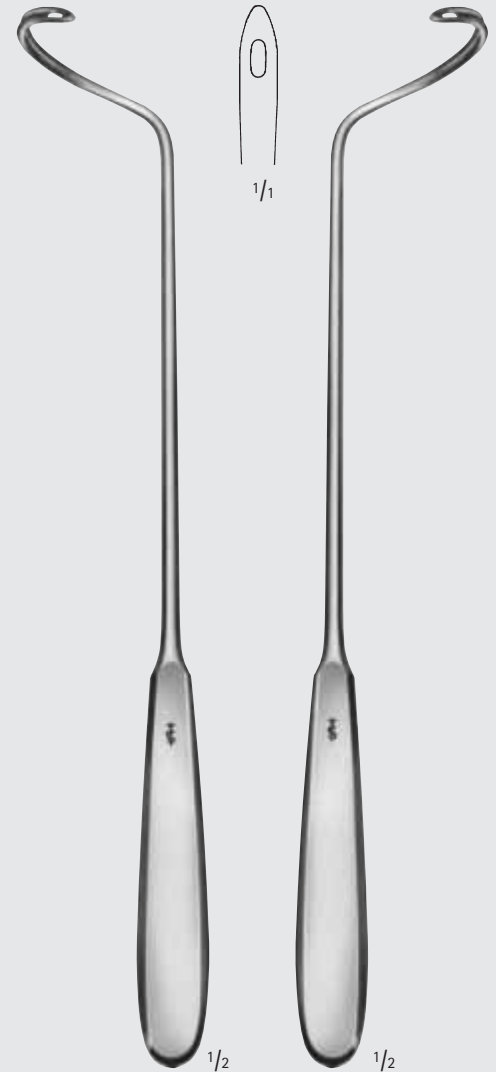
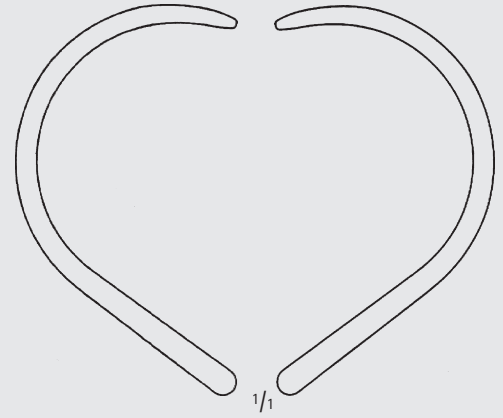
für rechte Hand
stumpf
for right hand
blunt
240 mm, 9 1/2"



DESCHAMPS

BM823R

für linke Hand
stumpf
for left hand
blunt
240 mm, 9 1/2"



DESCHAMPS

BM824R

für rechte Hand
stumpf
for right hand
blunt
280 mm, 11"



DESCHAMPS

BM825R

für linke Hand
stumpf
for left hand
blunt
280 mm, 11"

Nadelhalter – Needle Holders

Naht-Instrumente - Unterbindungsnadeln

Suture Instruments - Ligature Needles

BM



HURD

BM770R

für rechte Hand
scharf
for right hand
sharp
210 mm, 8 1/4"



HURD

BM771R

für linke Hand
scharf
for left hand
sharp
210 mm, 8 1/4"



DESCHAMPS

BM780R

für rechte Hand
scharf
for right hand
sharp
210 mm, 8 1/4"



DESCHAMPS

BM781R

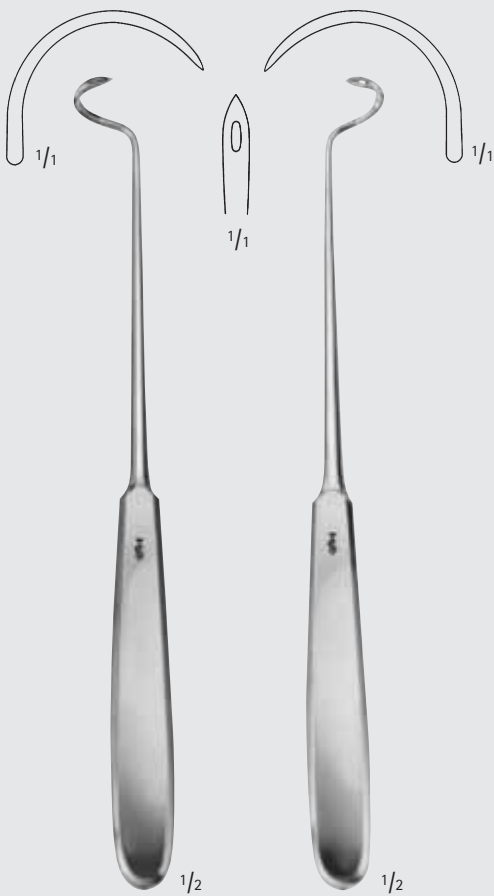
für linke Hand
scharf
for left hand
sharp
210 mm, 8 1/4"



Nadelhalter – Needle Holders

Naht-Instrumente – Unterbindungsnadeln
Suture Instruments – Ligature Needles

BM



DESCHAMPS

BM748R

für rechte Hand
scharf
for right hand
sharp
215 mm, 8 1/2"

DESCHAMPS

BM749R

für linke Hand
scharf
for left hand
sharp
215 mm, 8 1/2"



JONESCO

BM755R

Hohlnadel
Needle for wire suture
185 mm, 7 1/4"



CLAUS VAN EICKEN

BM774R

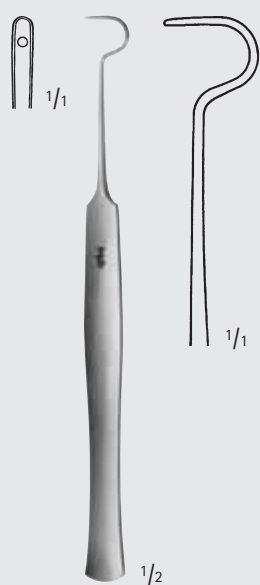
250 mm, 10"



Nadelhalter – Needle Holders

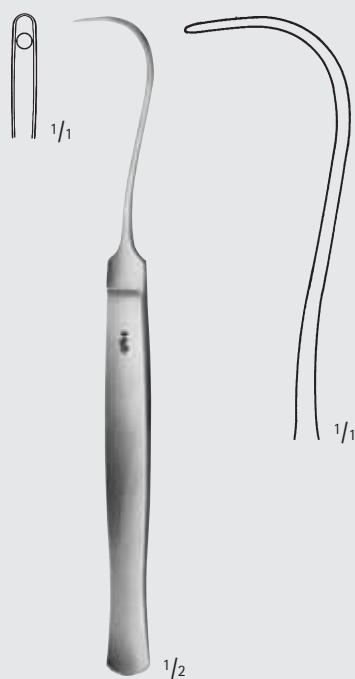
Unterbindungsnadeln
Ligature Needles

BM



BM853R

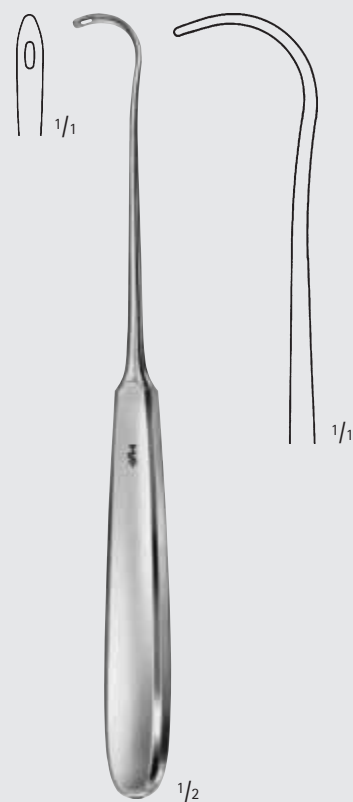
150 mm, 6"



SYME

BM855R

170 mm, 6 ³/₄"



COOPER

BM856R

205 mm, 8"

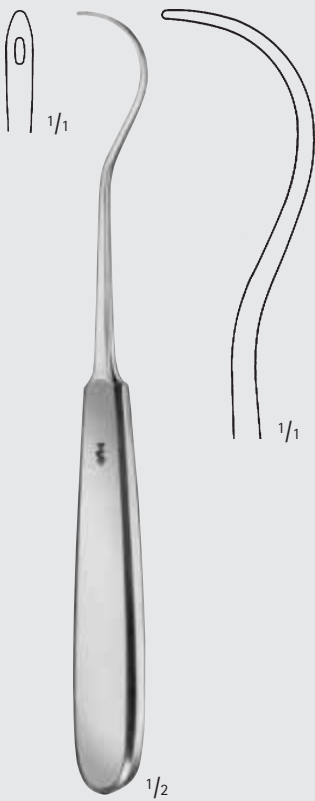




Nadelhalter – Needle Holders

Unterbindungsnadeln
Ligature Needles

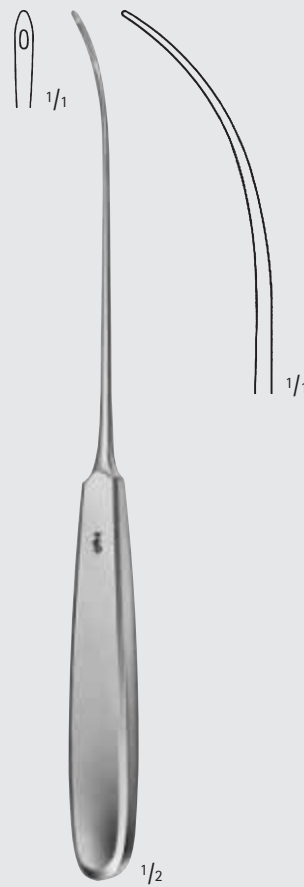
BM



KOCHER

BM858R

205 mm, 8"



BM861R

biegsam
malleable
230 mm, 9"



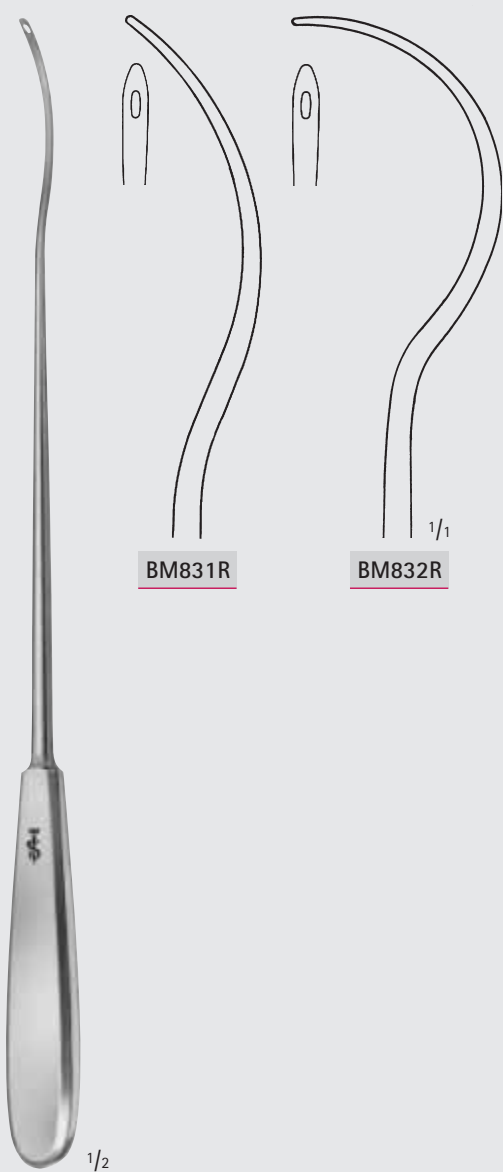
MILLIMETERS

Nadelhalter – Needle Holders

Unterbindungsnadeln, Führungs-Hohlsonden nach BRUNNER

BRUNNER Ligature Needles, Guiding Probes

BM



BM831R

BM832R

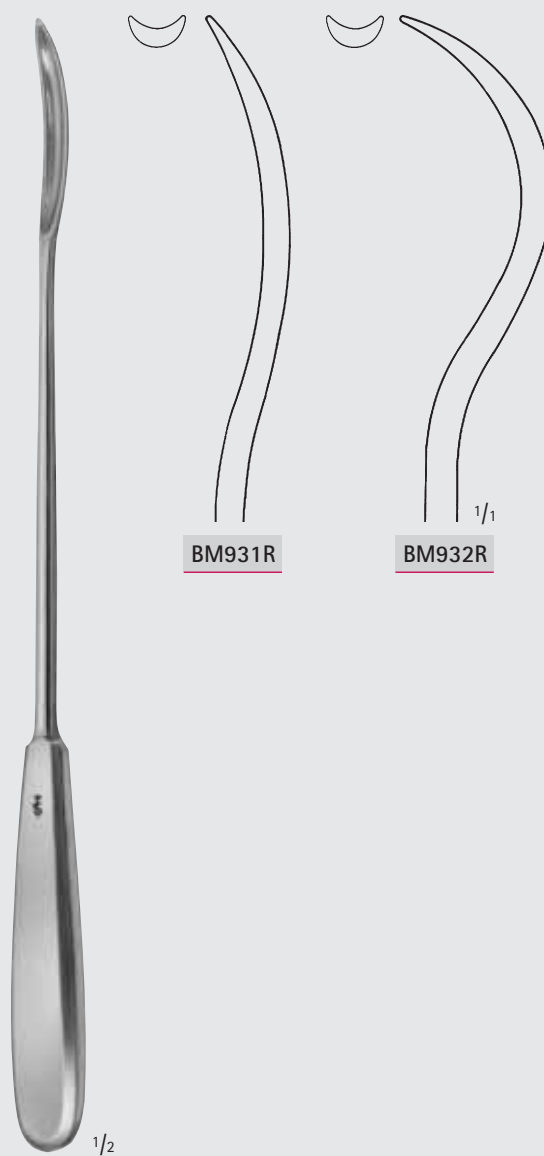
BRUNNER

BM831R-BM832R

Unterbindungsnadeln

Ligature needles

300 mm, 12"



BM931R

BM932R

BRUNNER

BM931R-BM932R

Führungs-Hohlsonden

Guiding probes

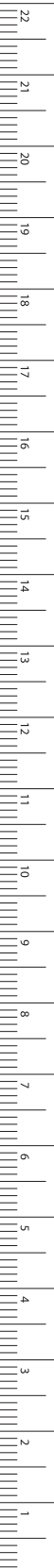
300 mm, 12"



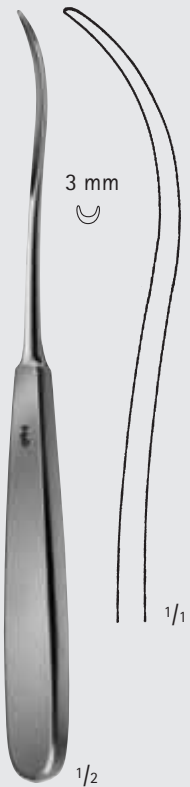
Nadelhalter – Needle Holders

Führungs-Hohlsonden
Guiding Probes

BM

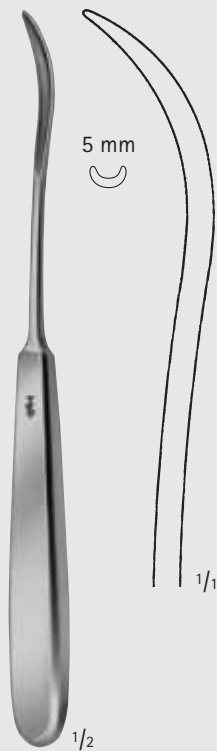


MILLIMETERS



BM900R

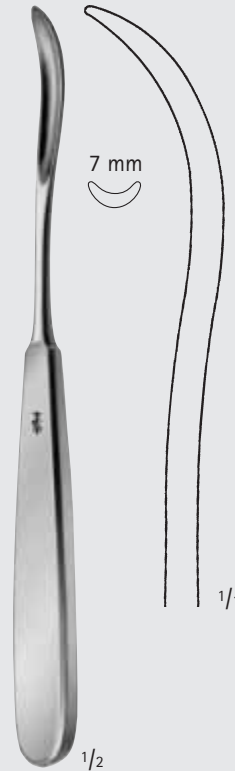
200 mm, 8"



KÖNIG

BM901R

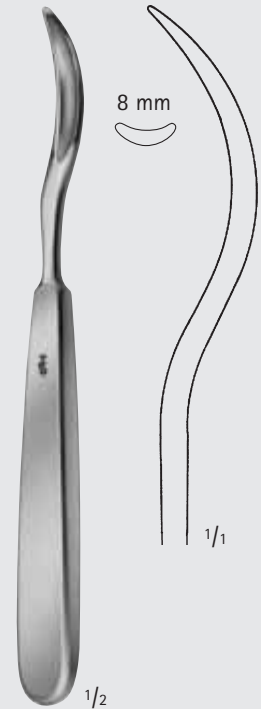
195 mm, 7 3/4"



KÖNIG

BM902R

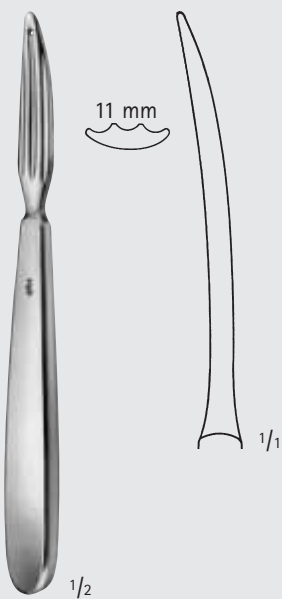
200 mm, 8"



SCHMIEDEN

BM905R

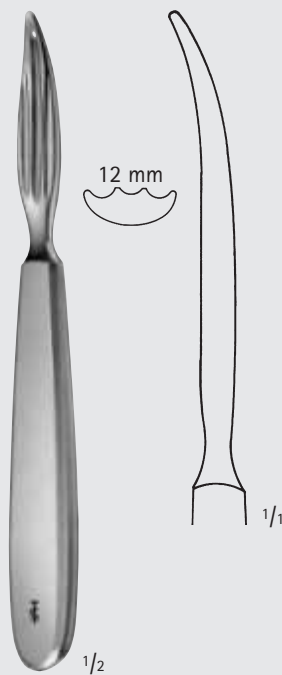
185 mm, 7 1/4"



KOCHER

BM911R

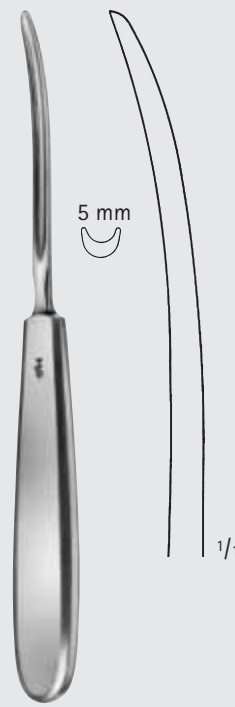
150 mm, 6"



KOCHER

BM913R

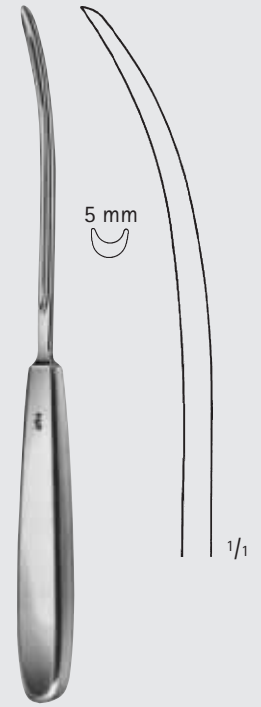
170 mm, 6 3/4"



PAYR

BM920R

195 mm, 7 3/4"



PAYR

BM922R

225 mm, 9"

Nadelhalter – Needle Holders

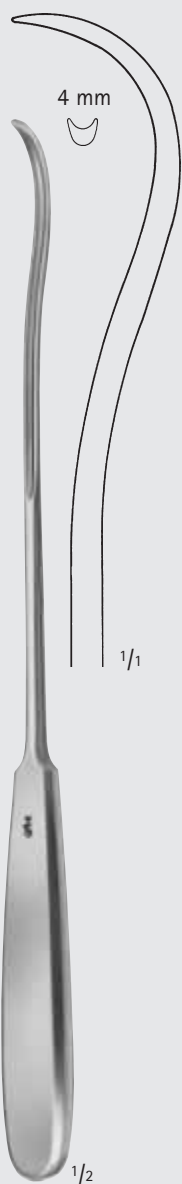
Führungs-Hohlsonden

Guiding Probes

Aus Kunststoff, zur Koagulation sterilisierbar im Autoklav bis 143 °C (3 bar)

Of plastic material, can be sterilized in an autoclave up to 143 °C (3 bar)

BM



BM924R

280 mm, 11"



KIRSCHNER

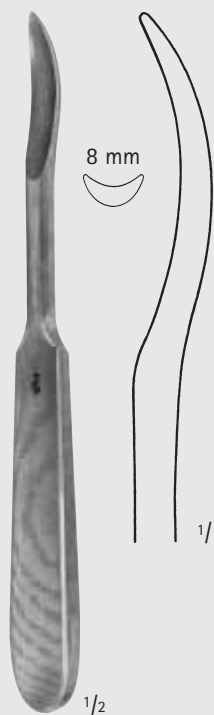
BM925R

255 mm, 10"



BM938

240 mm, 9 1/2"



BM940

185 mm, 7 1/4"



BM941

265 mm, 10 1/2"



Nadelhalter – Needle Holders

Instrumente zur Naht
Suture Instruments

BM



BM950R

Fadengabel
Knot tier and Ligature adjuster
230 mm, 9"



CASPAR

FF309

Fadengabel
Knot tier and Ligature adjuster
230 mm, 9"



MILLIMETERS



INCHES



BN



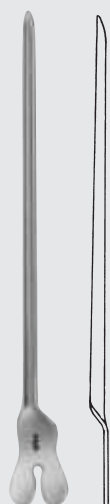
Sonden, Watteträger, Wundklammern
Probes, Cotton Applicators, Suture Clips

Sonden – Probes

Sonden

Probes

BN



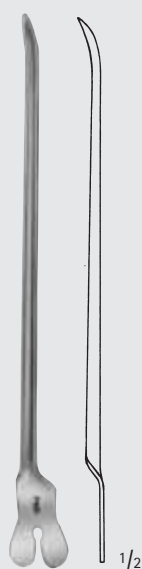
BN003R 130 mm, 5 1/8"

BN004R 145 mm, 5 3/4"

BN006R 160 mm, 6 1/4"

Hohlsonden

Directors



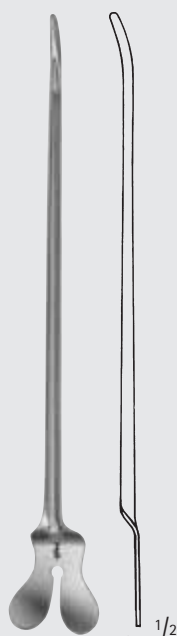
DOYEN

BN010R

Hohlsonde

Director

145 mm, 5 3/4"



NELATON

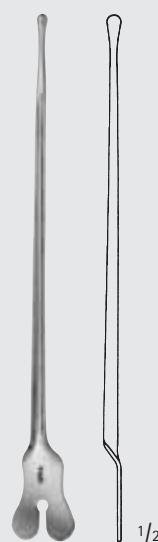
BN012R

Hohlsonde

Director

160 mm, 6 1/4"

Knopf-Ø 3,3 mm
Diam. of tip 3.3 mm



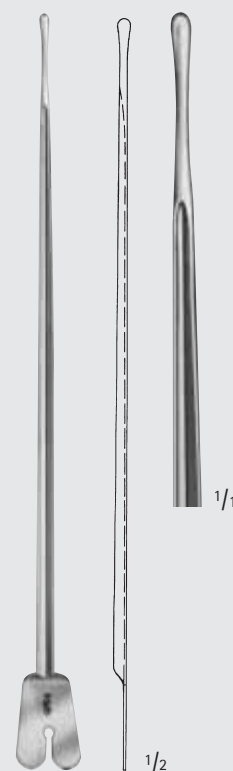
BN015R

Hohlsonde mit Knopf

Director with tip

140 mm, 5 1/2"

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



BRODIE

BN020R

Hohlsonde mit Knopf

Director with tip

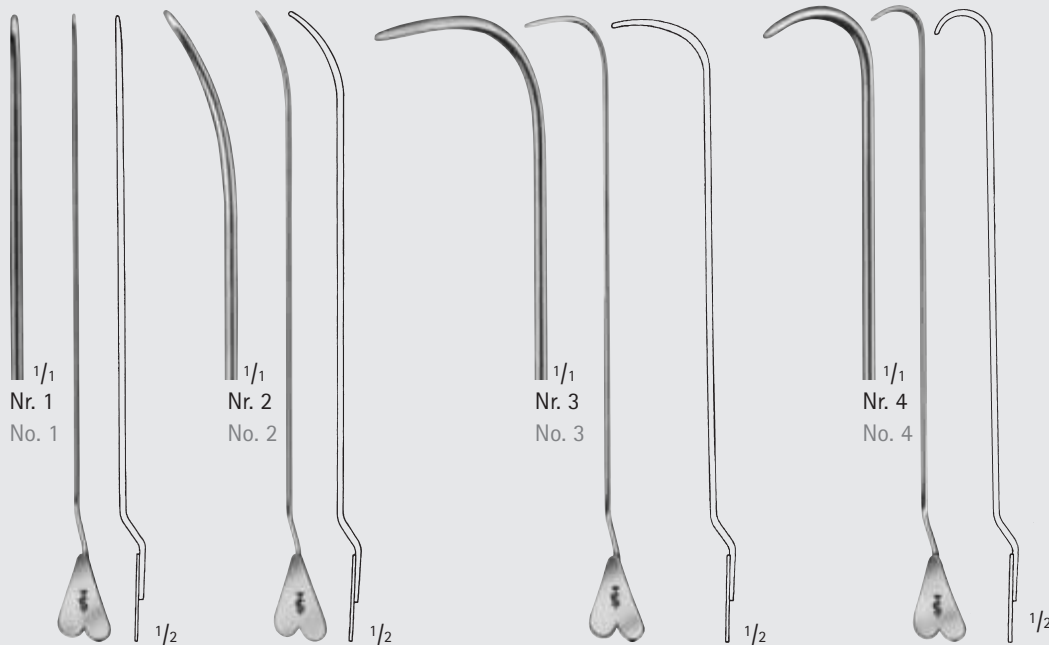
200 mm, 8"



Sonden – Probes

Sonden

Probes

BN

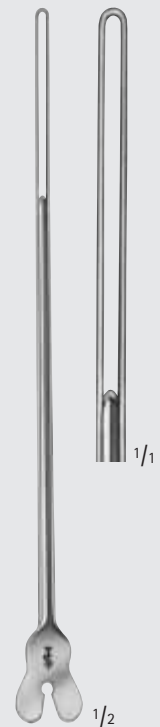
LOCKHART-MUMMERY

BN021R	Nr. 1 gerade	No. 1 straight
BN022R	Nr. 2 45° gebogen	No. 2 45° curved
BN023R	Nr. 3 90° gebogen	No. 3 90° curved
BN024R	Nr. 4 retrograd gebogen	No. 4 retrograde curved

Fistelsonden

Fistula probes

165 mm, 6 1/2"



BN026R

Ösenrinnensonde,
biegsam

Director with wire loop,
malleable
190 mm, 7 1/2"



MILLIMETERS

Sonden – Probes

Sonden

Probes

BN



Knopf-Ø
Diam.
of tip

BN034R	145 mm, 5 3/4"	2,5 mm
BN036R	160 mm, 6 1/4"	2,5 mm
BN040R	200 mm, 8"	3,0 mm

BN034R-BN040R

Öhrsonden

Probes with eye



1/2

MB603R

125 mm, 5"

Knopf-Ø 1,5 mm
Diam. of tip 1.5 mm



1/2

BN054R

Myrtenblattsonde

Myrtle leaf probe

145 mm, 5 3/4"

Knopf-Ø 2,0 mm
Diam. of tip 2.0 mm



BN063R 130 mm, 5 1/8"

BN064R 145 mm, 5 3/4"

BN066R 160 mm, 6 1/4"

BN068R 180 mm, 7"

BN070R 200 mm, 8"

Myrtenblattsonden

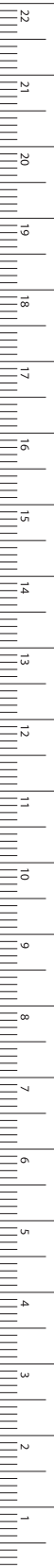
Myrtle leaf probes



Sonden – Probes

Sonden

Probes

BN

MILLIMETERS

Knopf-Ø 3,0 mm
Diam. of tip 3.0 mm

**BN090R**

Doppelknopfsonde,
biegsam, mit Loch
Double ended probe,
malleable, with hole
190 mm, 7 1/2"

Knopf-Ø 1,2 mm
Diam. of tip 1.2 mm

**BN110**

Sinus-Knopfsonde
Sinus probe
150 mm, 6"

Knopf-Ø Diam. of tip			Länge Length
1,0 mm	1,5 mm	2,0 mm	
	BN113R		130 mm, 5 1/8"
BN104R	BN114R	BN134R	145 mm, 5 3/4"
	BN116R	BN136R	160 mm, 6 1/4"
	BN118R	BN138R	180 mm, 7"
	BN120R	BN140R	200 mm, 8"
	BN125R		250 mm, 10"
		BN150R	300 mm, 12"

BN104R-BN150R

Knopfsonden
Probes

Sonden – Probes

Sonden

Probes

BN



Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



BN095 250 mm, 10"

BN096 300 mm, 12"

Doppelknopfsonden,
Zinn, biegsam
Double ended probes,
tin, malleable

Knopf-Ø 4,0 mm
Diam. of tip 4.0 mm



1/2

BN099

Doppelknopfsonde,
Zinn, biegsam
Double ended probe,
tin, malleable
400 mm, 16"

Knopf-Ø 2,0 mm
Diam. of tip 2.0 mm



1/2

BN101R

Knopfsonde
Probe
300 mm, 12"



Sonden – Probes

Sonden

Probes

BN

Ø 0,8 mm
Diam. 0.8 mm



STACKE

BN160

Silber
silver
100 mm, 4"



CAWTHORNE

BN161

flaches Ende
Silber
flattened end
silver
140 mm, 5 1/2"

Ø 1,5 mm
Diam. 1.5 mm



KILLIAN

BN172R

165 mm, 6 1/2"

Ø 1,4 mm
Diam. 1.4 mm



BN170R

160 mm, 6 1/4"

Ø 1,0 mm
Diam. 1.0 mm



SEIFFERT

OM488

Silber
silver
195 mm, 7 3/4"



BOWMAN

OB510-OB514

Neusilber
German silver
130 mm, 5 1/8"

Ø
Diam.

OB510	0,7 + 0,8 mm	Fig. 00/0
OB511	0,9 + 1,1 mm	Fig. 1/2
OB512	1,3 + 1,4 mm	Fig. 3/4
OB513	1,5 + 1,6 mm	Fig. 5/6
OB514	1,8 + 1,9 mm	Fig. 7/8



Sonden – Probes

Spatel – Watteträger

Spatulas – Cotton Applicators



1/2

BN184R

Spatel

Spatula

145 mm, 5 3/4"



16 mm

1/2

OM202R

Spatel

Spatula

145 mm, 5 3/4"

Ø 0,7 mm
Diam. 0.7 mm



1/1

1/2

MODELL PICCOLO

OF261R

rund gerieft

round serrated end

110 mm, 4 1/2"

Ø 0,7 mm
Diam. 0.7 mm



1/1

1/2

MODELL PICCOLO

OF262R

dreikant gerieft

triangular serrated end

110 mm, 4 1/2"

Ø 1,2 mm
Diam. 1.2 mm



1/1

1/2

FARRELL

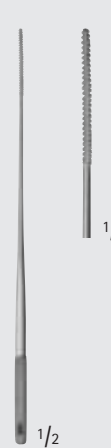
OF257R

rund gerieft

round serrated end

110 mm, 4 1/2"

Ø 1,4 mm
Diam. 1.4 mm



1/1

1/2

LATHBURY-FARRELL

OF259R

dreikant gerieft

triangular serrated end

110 mm, 4 1/2"



Sonden – Probes Watteträger Cotton Applicators

BN

Ø 0,9 mm
Diam. 0.9 mm

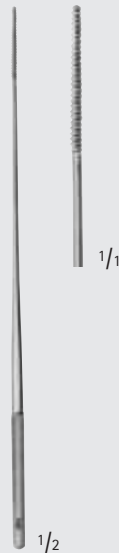


BUCK

BN400R

spiralförmig gerieft
rough, spiral end
120 mm, 4 3/4"

Ø 0,9 mm
Diam. 0.9 mm



LATHBURY-FARRELL

BN467R

dreikant gerieft
triangular serrated end
140 mm, 5 1/2"



KINGS'S COLLEGE HOSPITAL

BN403

spiralförmig gerieft
rough, spiral end
90 mm, 3 3/8"



KINGS'S COLLEGE HOSPITAL

BN404

spiralförmig gerieft
rough, spiral end
135 mm, 5 1/8"

Ø 1,0 mm
Diam. 1.0 mm



BN440R

spiralförmig gerieft
rough, spiral end
140 mm, 5 1/2"

Ø 1,2 mm
Diam. 1.2 mm



BN445R

spiralförmig gerieft
rough, spiral end
140 mm, 5 1/2"



MILLIMETERS

Sonden – Probes Watteträger Cotton Applicators

BN

Ø 1,2 mm
Diam. 1.2 mm

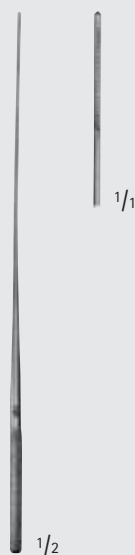


FARRELL

BN460R

rund gerieft
round serrated end
140 mm, 5 1/2"

Ø 1,4 mm
Diam. 1.4 mm

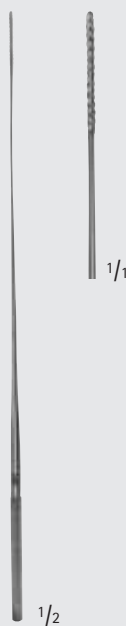


LATHBURY-FARRELL

BN465R

dreikant gerieft
triangular serrated end
140 mm, 5 1/2"

Ø 1,2 mm
Diam. 1.2 mm



FARRELL

BN461R

spiralförmig gerieft
rough, spiral end
160 mm, 6 1/4"

Ø 1,2 mm
Diam. 1.2 mm

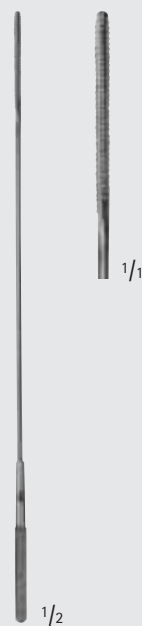


LATHBURY-FARRELL

BN466R

dreikant gerieft
triangular serrated end
160 mm, 6 1/4"

Ø 1,4 mm
Diam. 1.4 mm



LATHBURY-FARRELL

BN468R

dreikant gerieft
triangular serrated end
160 mm, 6 1/4"



Sonden – Probes
Watteträger
Cotton Applicators

BN

Ø 1,5 mm
Diam. 1.5 mm



BN452R

spiralförmig gerieft
rough, spiral end
180 mm, 7"

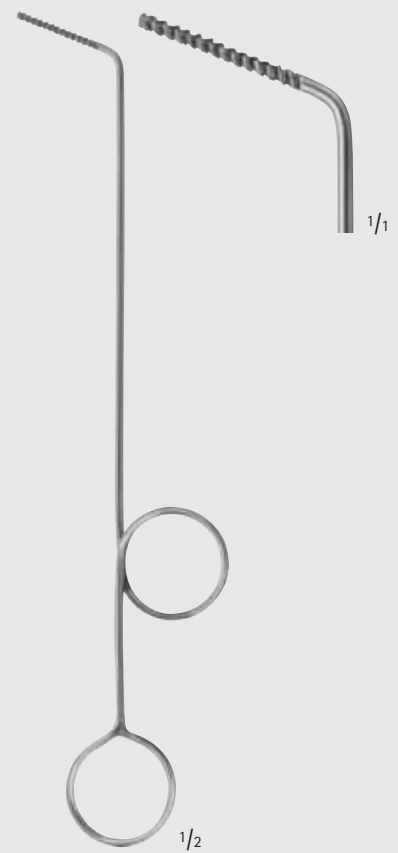
Ø 1,8 mm
Diam. 1.8 mm



BN457R

spiralförmig gerieft
rough, spiral end
180 mm, 7"

Ø 2,3 mm
Diam. 2.3 mm



HARTMANN

OM487R

spiralförmig gerieft
rough, spiral end
220 mm, 8 1/2"

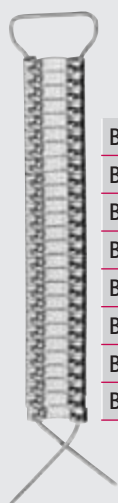


MILLIMETERS

Sonden – Probes

Wundklammern – Klammeranlegepinzetten – Klammeranlege- und Entfernungszangen

Suture Clips – Clip Applying Forceps – Clip Applying- and Removing Forceps



Größe mm

Sizes mm

BN507R 7,5 x 1,75

BN511R 11,0 x 2,0

BN512R 12,0 x 2,5

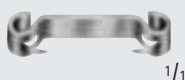
BN515R 14,0 x 3,0

BN516R 16,0 x 3,0

BN518R 18,0 x 3,0

BN520R 20,0 x 3,0

BN522R 22,0 x 3,0



MICHEL

BN507R-BN522R

Wundklammern aus nichtrostendem Stahl

Bestelleinheit: PAK = 1 Packung à 100 Stück

Suture clips, stainless steel

Sales unit: PAK = 1 Package of 100 pieces



MICHEL

BN730R

Klammeranlegepinzette

Clip applying forceps

125 mm, 5"



HEGENBARTH

BN731R

Klammeranlegepinzette

Clip applying forceps

120 mm, 4 3/4"



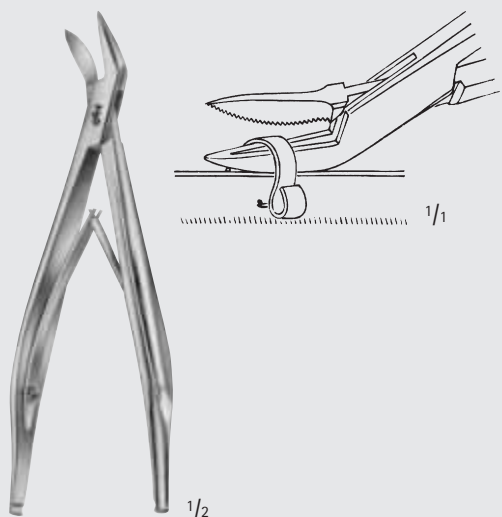
MICHEL

BN750R

Klammeranlege und
-Abnehmzange

Clip applying and
removing forceps

125 mm, 5"



MICHEL MODIF.

BN754R

Klammeranlege und -Abnehmzange

Clip applying and removing forceps

130 mm, 5 1/8"



HEATH

BN757R

Klammerabnehmzange

Clip removing forceps

135 mm, 5 1/4"



COLLIN

BN758R

Klammerabnehmzange

Clip removing forceps

135 mm, 5 1/4"



Sonden – Probes REDON-Führungsnadeln REDON-Guide Needles

BN $\frac{1}{2}$

Charr.

8	BN902R
10	BN903R
12	BN904R
14	BN905R
16	BN906R
18	BN907R

mit Gewindeanschluss
Messerspitze,
schwach gebogen
with thread
knife tip, slightly curved
190 mm, 7 $\frac{1}{2}$ "

 $\frac{1}{2}$

BN912R
BN913R
BN914R
BN915R
BN916R
BN917R

mit Gewindeanschluss
Messerspitze,
stark gebogen
with thread
knife tip, strongly curved
190 mm, 7 $\frac{1}{2}$ "

 $\frac{1}{2}$

BN922R
BN923R
BN924R
BN925R
BN926R

mit Gewindeanschluss
Lanzettenspitze,
schwach gebogen
with thread
lancet tip, slightly curved
190 mm, 7 $\frac{1}{2}$ "

 $\frac{1}{2}$

BN942R
BN943R
BN944R
BN945R
BN946R
BN947R

mit Gewindeanschluss
Dreikantspitze,
schwach gebogen
with thread
trocar tip, slightly curved
190 mm, 7 $\frac{1}{2}$ "



MILLIMETERS



INCHES



BT



Wundhaken
Wound Retractors

Wundhaken – Wound Retractors

Nerv- und Gefäßhäkchen

Nerve- and Vessel Hooks

Maßangaben für Blattgrößen der Wundhaken

1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



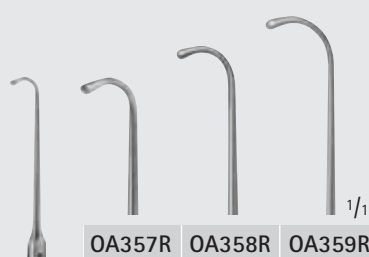
OF282R OF283R OF284R OF285R 1/1

1/2

WAGENER

OF282R-OF285R

150 mm, 6"



OA357R OA358R OA359R 1/1

1/2

GRAEFE

OA357R-OA359R

140 mm, 5 1/2"



1/1

1/2

ST. BARTS

OF288R

Ohrhäkchen, stumpf

Hook, blunt

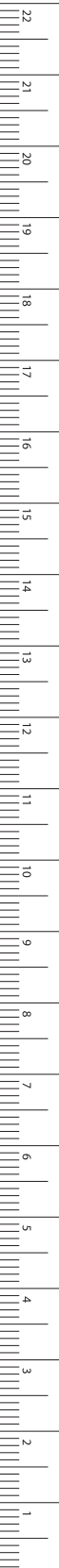
180 mm, 7"



Wundhaken – Wound Retractors

Nerv- und Gefäßhäkchen
Nerve- and Vessel Hooks

BT



MILLIMETERS



BROM

BT075R

Venenhäkchen
Vein hook
170 mm, 6 $\frac{3}{4}$ "



CRILE

BT080R

200 mm, 8"



CUSHING

BT082R-BT083R

190 mm, 7 $\frac{1}{2}$ "

Wundhaken – Wound Retractors

Nerv- und Gefäßhäkchen

Nerve- and Vessel Hooks

Maßangaben für Blattgrößen der Wundhaken

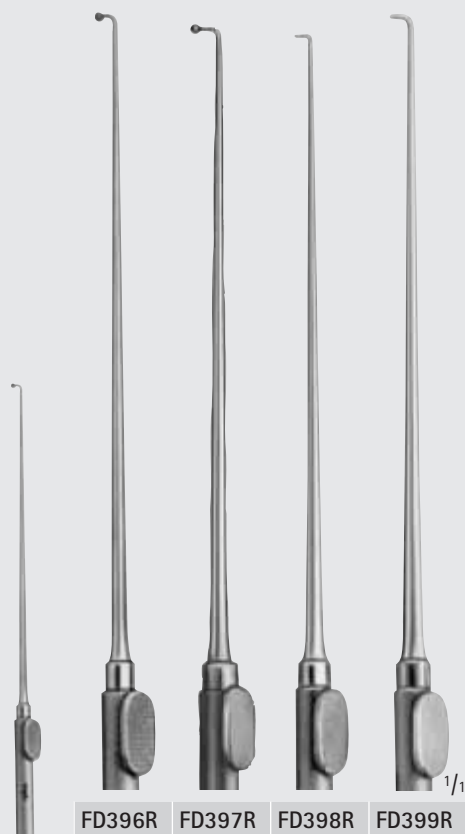
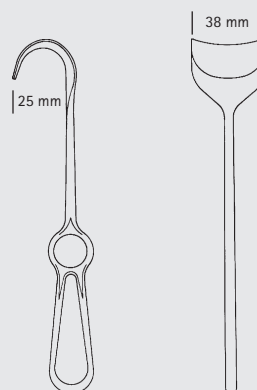
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

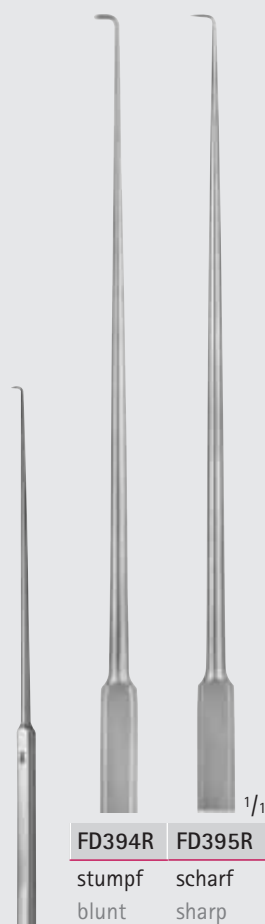
2nd number = width



^{1/2}
KRAYENBÜHL

FD396R-FD399R

185 mm, 7 1/4"



^{1/2}
ADSON

FD394R-FD395R

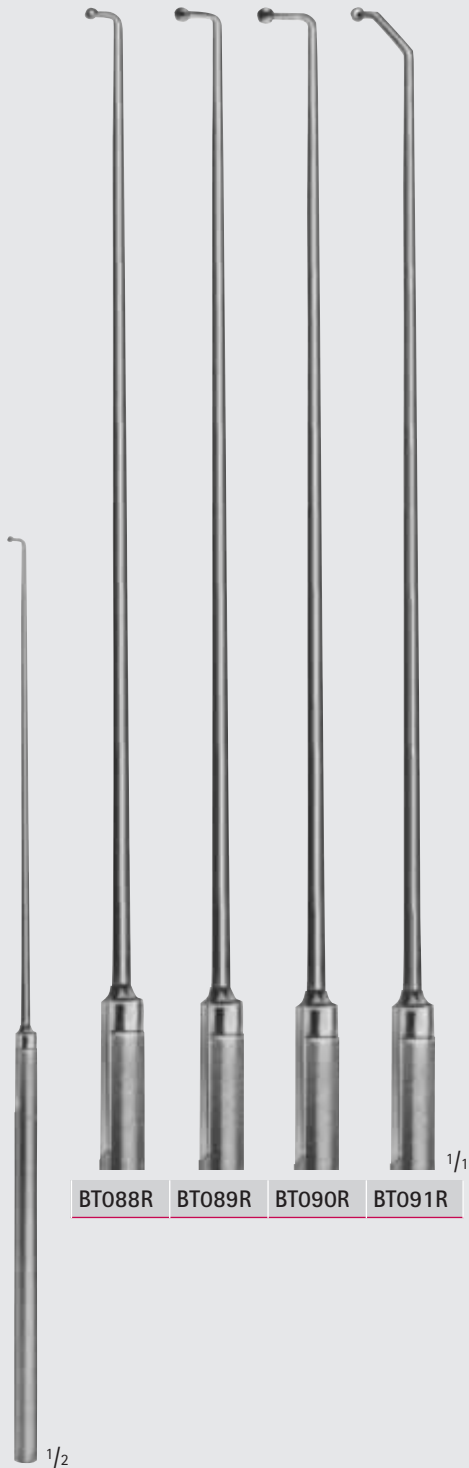
190 mm, 7 1/2"



Wundhaken – Wound Retractors

Nerv- und Gefäßhäkchen
Nerve- and Vessel Hooks

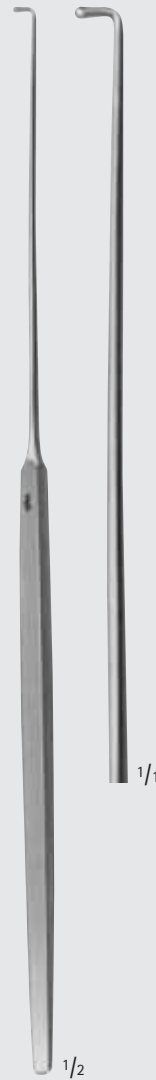
BT



CASPAR

BT088R-BT091R

Explorationshäkchen,
geknöpft
Exploration hooks,
probe-ended
245 mm, 9 3/4"



CUSHING

BT084R

280 mm, 11"



Wundhaken – Wound Retractors

Feine Wundhäkchen (Dura- und Hauthäkchen)

Fine Wound Retractors (Dura- and Skin Retractors)

Maßangaben für Blattgrößen der Wundhaken

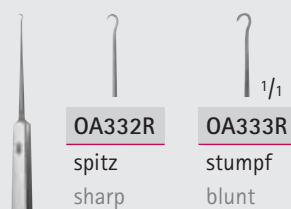
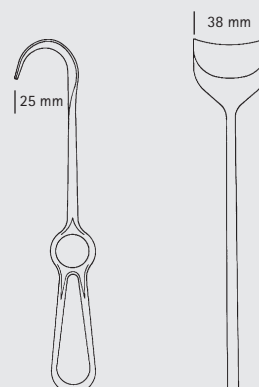
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



GRAEFE

OA332R-OA333R

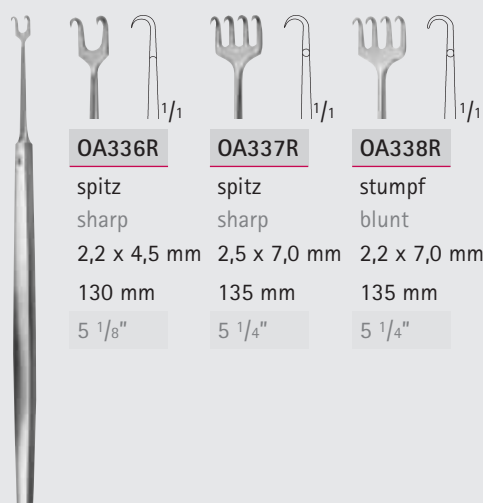
125 mm, 5"



GUTHRIE

OA334R-OA335R

spitz
sharp



ROLLET

OA336R-OA338R



CAIRNS

FF313R

Durahäkchen
Dura retractor
130 mm, 5 1/8"



FRAZIER

FF321R

Durahäkchen
Dura retractor
130 mm, 5 1/8"



TÖNNIS

FF322R

Durahäkchen
Dura retractor
150 mm, 6"

BT



Wundhaken – Wound Retractors

Feine Wundhäkchen (Dura- und Hauthäkchen)
Fine Wound Retractors (Dura- and Skin Retractors)

BT



KILNER

OL610R

160 mm, 6 1/4"



MC INDOE

OL615R-OL616R

150 mm, 6"



FREER

OL621R

150 mm, 6"



MÜLLER

OL626R

150 mm, 6"



MÜLLER

OL627R

150 mm, 6"



COTTLE

OL617R

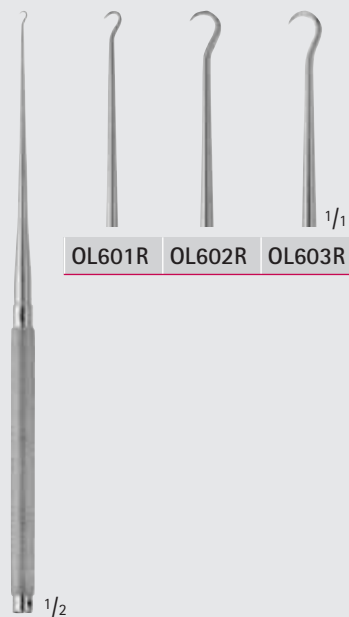
160 mm, 6 1/4"



COTTLE

OL619R

160 mm, 6 1/4"



KLEINERT-KUTZ

OL601R-OL603R

160 mm, 6 3/8"



MILLIMETERS

Wundhaken – Wound Retractors

Feine Wundhäkchen (Dura- und Hauthäkchen)

Fine Wound Retractors (Dura- and Skin Retractors)

Maßangaben für Blattgrößen der Wundhaken

1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

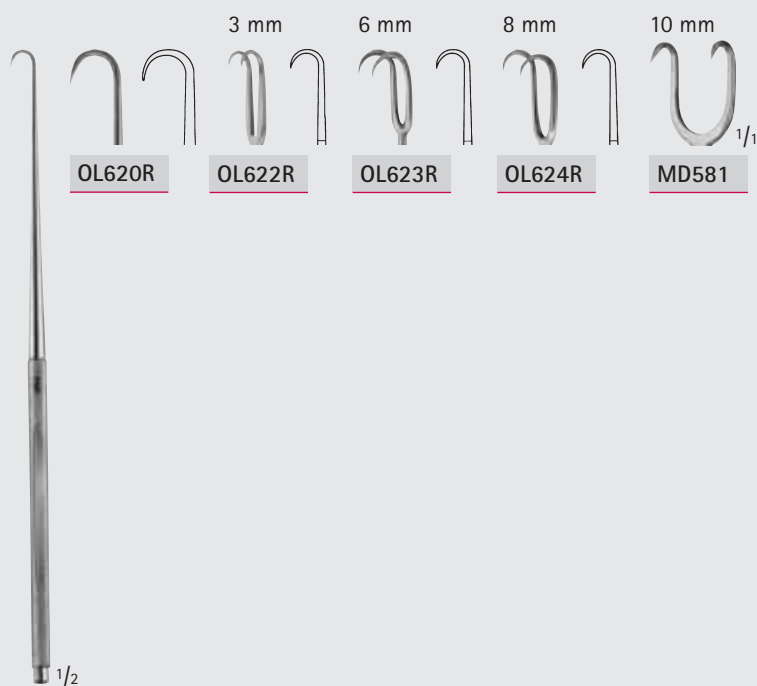
2nd number = width



JÄGER

OA351R

135 mm, 5 1/4"



JOSEPH

OL620R-MD581R

165 mm, 6 1/2"



GILLIES

OL611R-OL612R

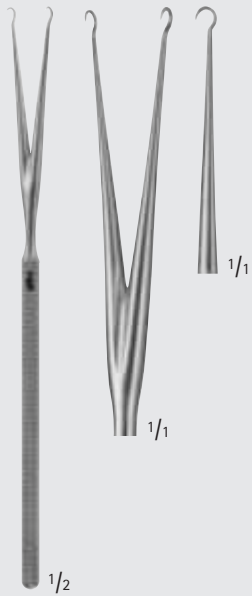
180 mm, 7"



Wundhaken – Wound Retractors

Feine Wundhäkchen (Dura- und Hauthäkchen)
Fine Wound Retractors (Dura- and Skin Retractors)

BT



BARSKY

OL614R

155 mm, 6"



FD375R

Durahäkchen
Dura retractor
185 mm, 7 1/4"



FISCH

FD376R

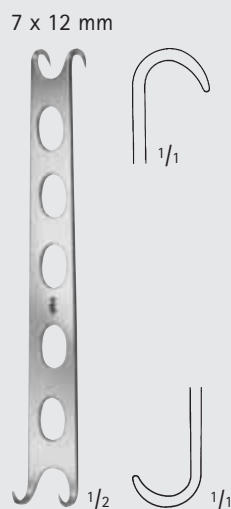
Durahäkchen
Dura retractor
185 mm, 7 1/4"



KILNER

OL206R

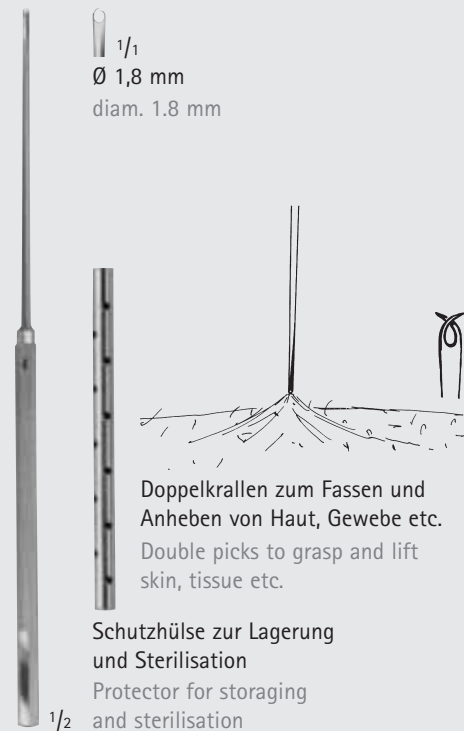
spitz
sharp
80 mm, 3 1/4"



CONVERSE

OL207R

stumpf
blunt
120 mm, 4 3/4"



FD392R

Gewebekralle
Tissue pick
185 mm, 7 1/4"



Wundhaken – Wound Retractors

Wund- und Trachealhäkchen

Wound- and Trachea Retractors

Maßangaben für Blattgrößen der Wundhaken

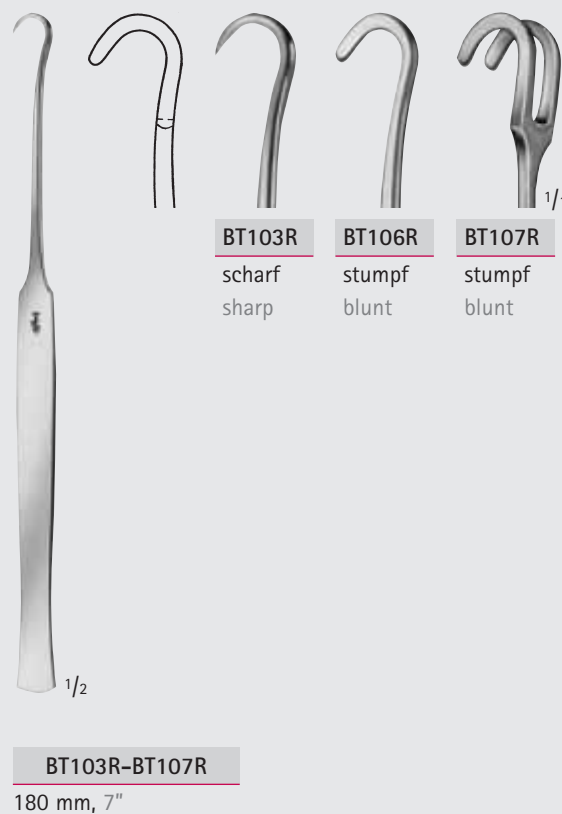
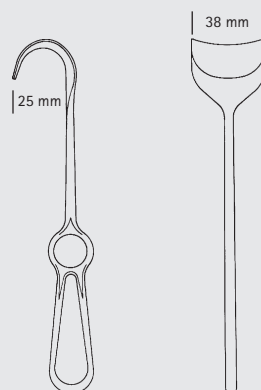
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width





Wundhaken – Wound Retractors

Wund- und Trachealhäkchen
Wound- and Trachea Retractors

BT



BT132R

3,5 x 4,5 mm

BT133R

4,0 x 7,2 mm

BT134R

4,0 x 10,0 mm

1/2

BT132R-BT134R

flexibler Schaft, scharf
flexible shaft, sharp
155 mm, 6"



BT136R

4,0 x 4,5 mm

BT137R

4,0 x 7,5 mm

BT138R

4,0 x 10,2 mm

1/2

BT136R-BT138R

flexibler Schaft, stumpf
flexible shaft, blunt
155 mm, 6"



BT111R

BT112R

5,0 x 4,2 mm

BT113R

5,0 x 7,0 mm

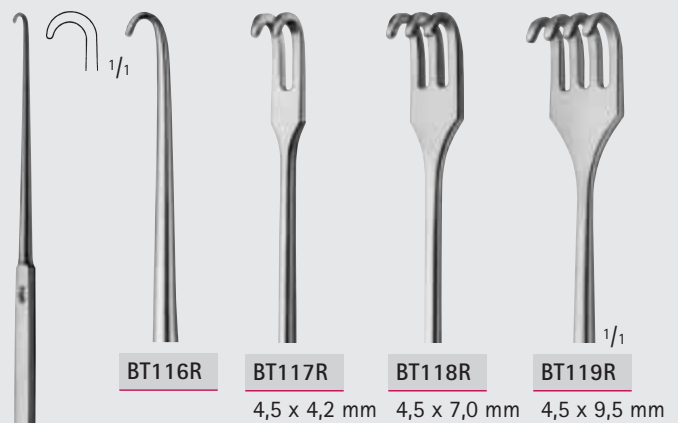
BT114R

5,0 x 9,5 mm

1/2

BT111R-BT114R

enge Biegung, scharf
small curve, sharp
165 mm, 6 1/2"



BT116R

BT117R

4,5 x 4,2 mm

BT118R

4,5 x 7,0 mm

BT119R

4,5 x 9,5 mm

1/2

BT116R-BT119R

enge Biegung, stumpf
small curve, blunt
165 mm, 6 1/2"



MILLIMETERS

Wundhaken – Wound Retractors

Wund- und Trachealhäkchen

Wound- and Trachea Retractors

Maßangaben für Blattgrößen der Wundhaken

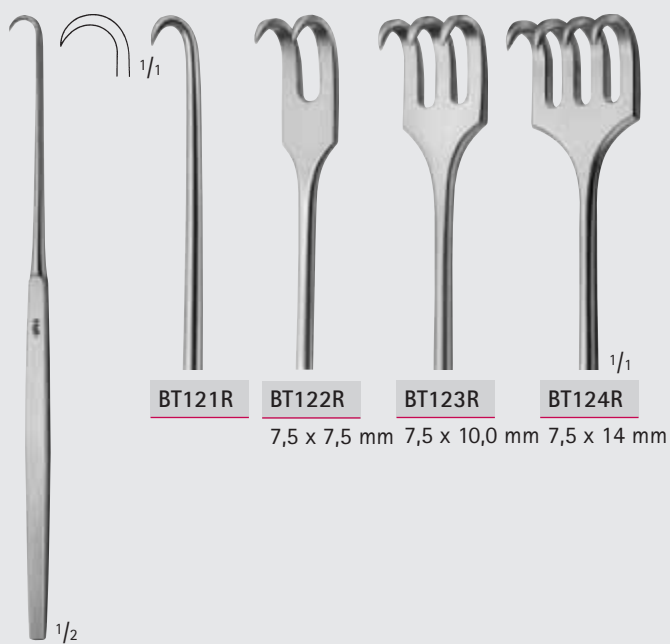
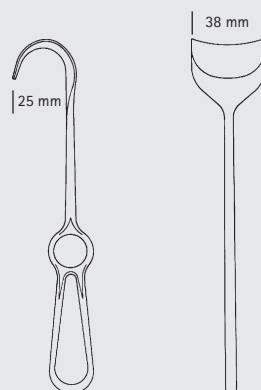
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



BT121R

BT122R

BT123R

BT124R

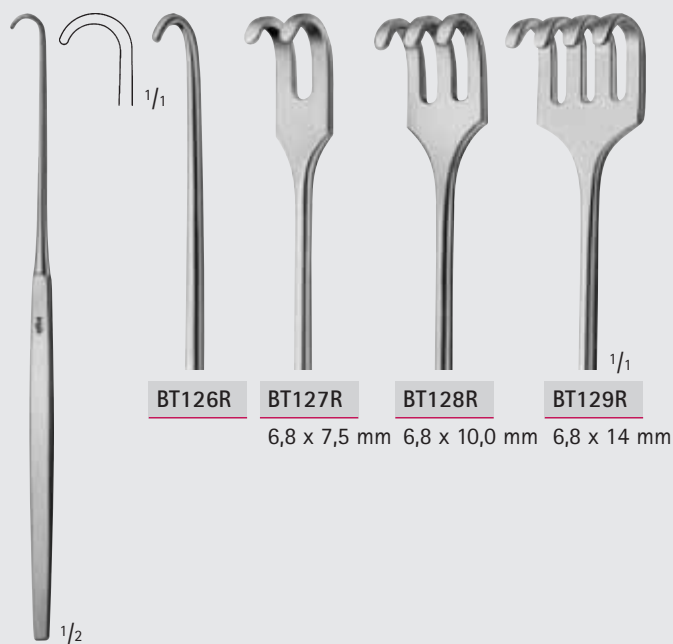
7,5 x 7,5 mm 7,5 x 10,0 mm 7,5 x 14 mm

BT121R-BT124R

weite Biegung, scharf

large curve, sharp

165 mm, 6 1/2"



BT126R

BT127R

BT128R

BT129R

6,8 x 7,5 mm 6,8 x 10,0 mm 6,8 x 14 mm

BT126R-BT129R

weite Biegung, stumpf

large curve, blunt

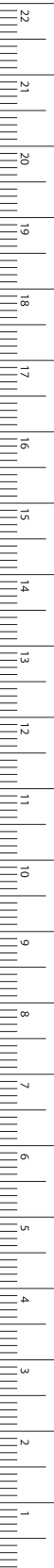
165 mm, 6 1/2"



Wundhaken – Wound Retractors

Wundhaken mit Treangle-Griff
Retractors with Treangle Handle

BT



MANNERFELT MODIF.

BT901R

scharf

sharp

135 mm, 5 1/4"



MANNERFELT MODIF.

BT902R

scharf

sharp

155 mm, 6"



MANNERFELT MODIF.

BT904R

scharf

sharp

155 mm, 6"



MANNERFELT MODIF.

BT906R-BT908R

Gabelhaken, retrograd gebogen
Forked hooks, retrograded curved

155 mm, 6"



MANNERFELT MODIF.

BT911R-BT913R

enge Biegung, scharf
small curve, sharp

155 mm, 6"



MANNERFELT MODIF.

BT916R-BT918R

enge Biegung, stumpf
small curve, blunt

155 mm, 6"



MANNERFELT MODIF.

BT921R-BT923R

weite Biegung, scharf
large curve, sharp

155 mm, 6"



MANNERFELT MODIF.

BT926R-BT928R

weite Biegung, stumpf
large curve, blunt

155 mm, 6"

Wundhaken – Wound Retractors

Wundhaken mit Treangle Griff

Retractors with Treangle Handle

Maßangaben für Blattgrößen der Wundhaken

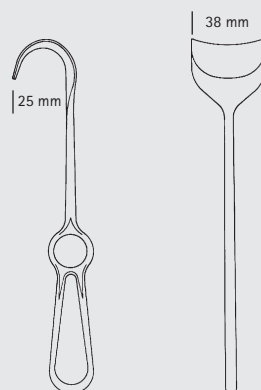
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



4,0 x 7,2 mm

1/2

MANNERFELT MODIF.

BT933R

flexibler Schaft,
enge Biegung, scharf
flexible shaft,
small curve, sharp
155 mm, 6"



16 x 6 mm

1/2

MANNERFELT MODIF.

BT940R

hohlgekehrt
hollow grooved
155 mm, 6"



BT943R

15 x 6 mm



BT944R

20 x 6 mm



BT945R

25 x 6 mm



BT946R

30 x 8 mm

1/2

LANGENBECK-MANNERFELT MODIF.

BT943R-BT946R

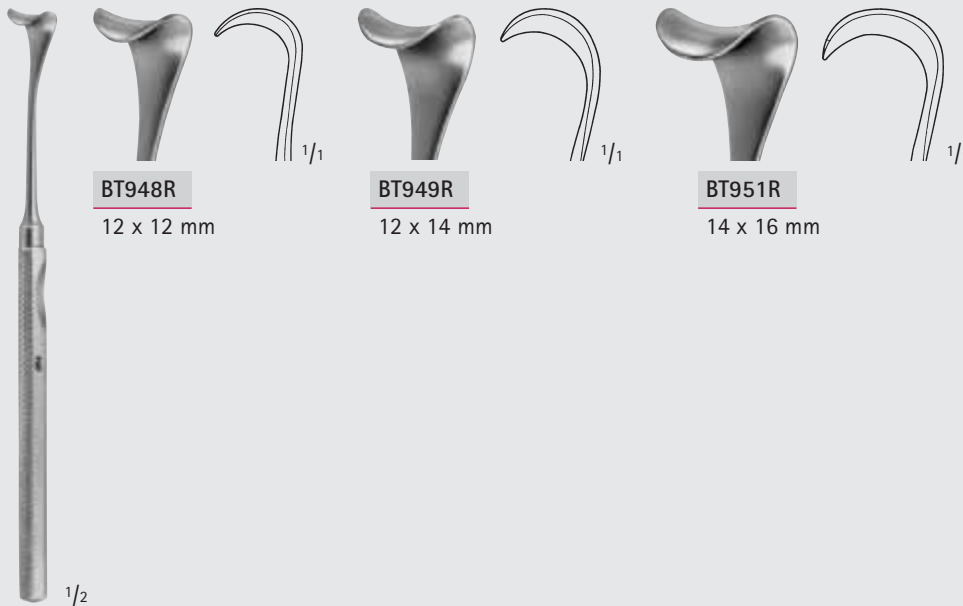
155 mm, 6"



Wundhaken – Wound Retractors

Wundhaken mit Treangle-Griff
Retractors with Treangle Handle

BT



BT948R

12 x 12 mm

BT949R

12 x 14 mm

BT951R

14 x 16 mm

MANNERFELT MODIF.

BT948R-BT951R

Sattelhaken

Saddle hooks

155 mm, 6"



12 x 12 mm

MANNERFELT MODIF.

BT958R

Sattelhaken, gefenstert

Saddle hook, fenestrated

155 mm, 6"



MANNERFELT MODIF.

BT964R

Sehnen-Doppelhaken

Tendon double hook

160 mm, 6 1/4"



MANNERFELT MODIF.

BT966R

Doppelspatel

Spatula, double-ended

160 mm, 6 1/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

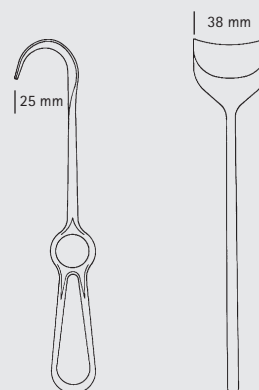
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



FOMON

OL202R

145 mm, 5 3/4"



BT173R

BT174R

BT173R-BT174R

160 mm, 6 1/4"



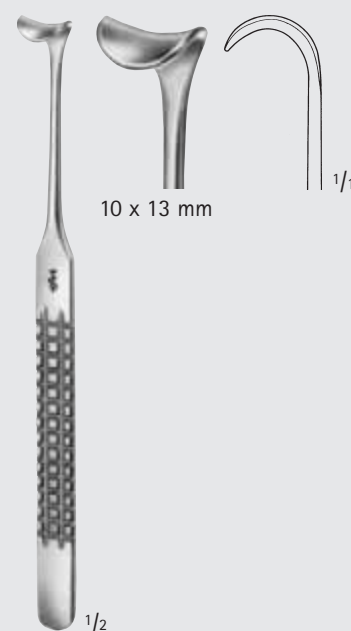
BT177R

BT178R

LANGENBECK-GREEN

BT177R-BT178R

160 mm, 6 1/4"



10 x 13 mm

BT179R

160 mm, 6 1/4"

BT



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT

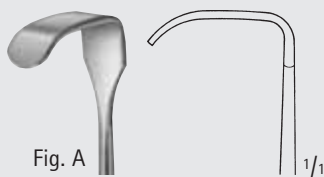


Fig. A

BT193R

18 x 7 mm



Fig. B

BT194R

16 x 5 mm

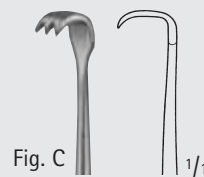


Fig. C

BT195R

7 x 4 mm



Fig. D

BT196R

5 x 10 mm



Fig. E

BT197R

11 x 4 mm

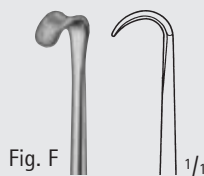


Fig. F

BT198R

6 x 4 mm



¹/₂

MEYERDING

BT193R-BT198R

Fig. A - Fig. F
180 mm, 7"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



EMMET

BT161R

Fistelhaken

Fistula hook

220 mm, 8 3/4"



SIMON

BT166R

Fistelhaken

Fistula hook



SIMON

BT167R

Fistelhaken

Fistula hook

220 mm, 8 3/4"



LANGE

OL201R

Fistelhaken

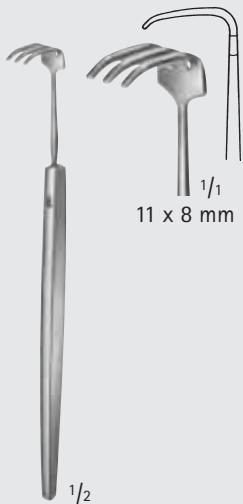
Fistula hook

235 mm, 9"



Wundhaken – Wound Retractors

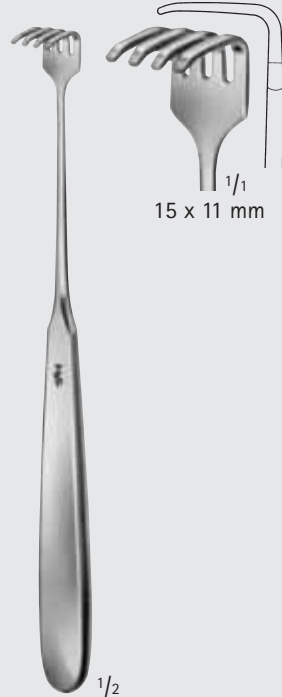
Wundhaken Wound Retractors

BT**PAUL****OA340R**

Sehnenscheidenhaken
Tendon hook
120 mm, 4 3/4"

**BT170R-BT171R**

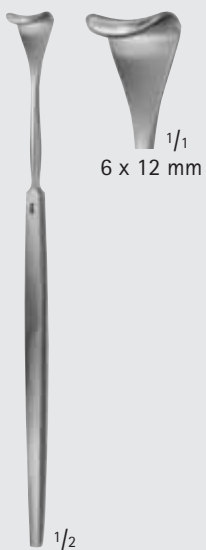
Sehnenscheidenhaken
Tendon hooks
175 mm, 7"

**KLAPP****BT172R**

Sehnenscheidenhaken
Tendon hook
175 mm, 7"

**STRANDELL-STILLE****BT180R-BT181R**

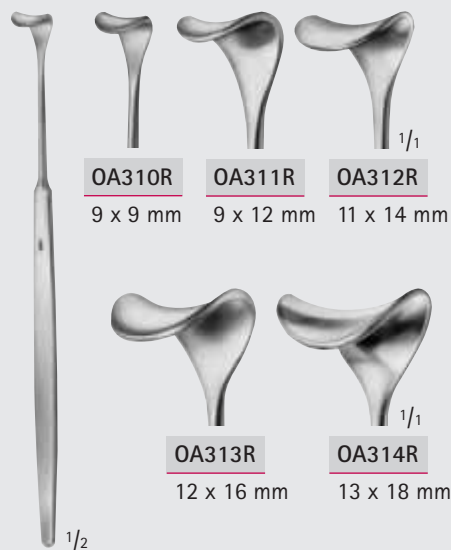
Sehnenscheidenhaken
Tendon hooks
180 mm, 7"

**MASING****OL211R**

140 mm, 5 1/2"

**COTTLE****OL212R**

140 mm, 5 1/2"

**DESMARRES****OA310R-OA314R**

140 mm, 5 1/2"



MILLIMETERS

Wundhaken – Wound Retractors

Wund- und Venenhaken

Wound- and Vein Retractors

Maßangaben für Blattgrößen der Wundhaken

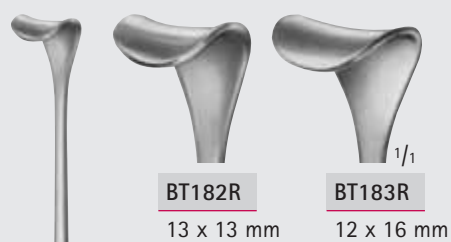
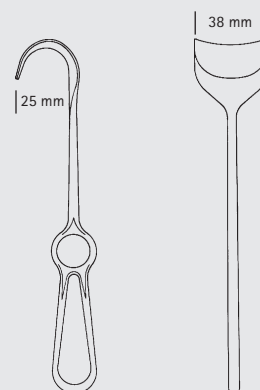
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



KÖNIG

BT182R-BT183R

180 mm, 7"



CUSHING-KOCHER

BT190R

175 mm, 7"



KOCHER

BT457R-BT458R

205 mm, 8"

BT



Wundhaken – Wound Retractors

Wund- und Venenhaken
Wound- and Vein Retractors

BT



$\frac{1}{1}$
13 x 6 mm

$\frac{1}{2}$

SCHOENBORN

BT192R

200 mm, 8"



BT184R

10 x 13 mm

BT185R

14 x 18 mm

$\frac{1}{2}$

CUSHING

BT184R-BT185R

205 mm, 8"



20 x 15 mm

20 x 19 mm

$\frac{1}{2}$

BT187R

205 mm, 8"



MILLIMETERS

Wundhaken – Wound Retractors

Wund- und Venenhaken

Wound- and Vein Retractors

Maßangaben für Blattgrößen der Wundhaken

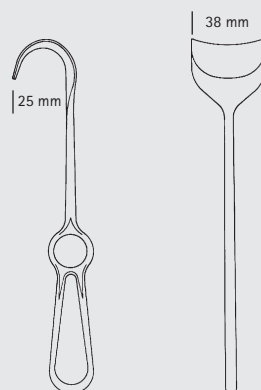
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



CUSHING

BT200R-BT202R

250 mm, 10"



zur Längspräparation
von Gefäßen
for longitudinal
dissection of
vessels

BT206R

Präparationshäkchen
Small dissecting hook
235 mm, 9 1/4"



HESS

FF707R-FF709R

Nervwurzelhaken
Nerve root retractors
175 mm, 7"



Wundhaken – Wound Retractors

Wundhaken Retractors

BT

5 x 10 mm

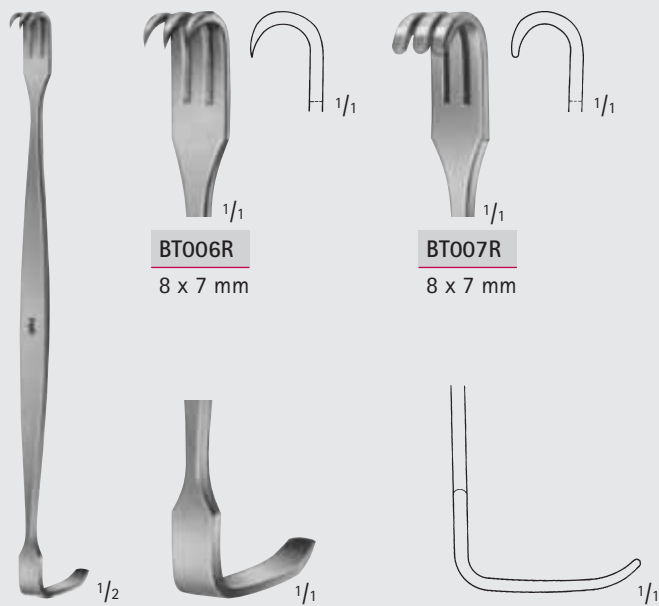


13 x 5 mm

KILNER

BT005R

155 mm, 6"



BT006R

8 x 7 mm

BT007R

8 x 7 mm

22 x 7 mm

BABY-SENN-MILLER

BT006R-BT007R

155 mm, 6"

8 x 7 mm



18 x 5,5 mm

SENN-MILLER

BT008R

165 mm, 6 1/2"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

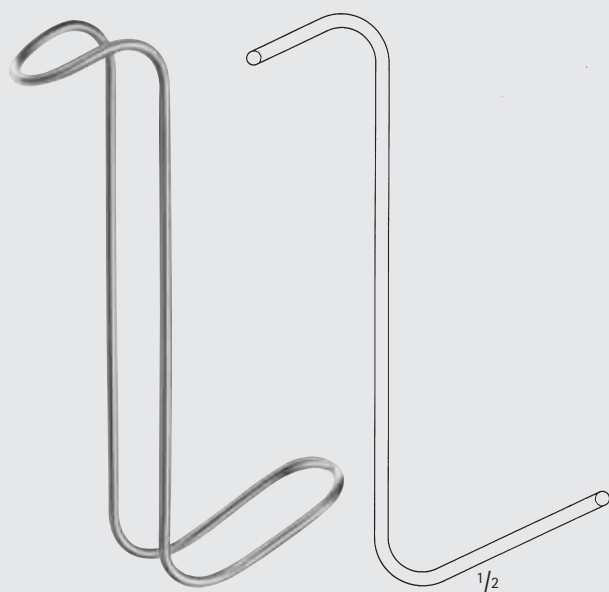
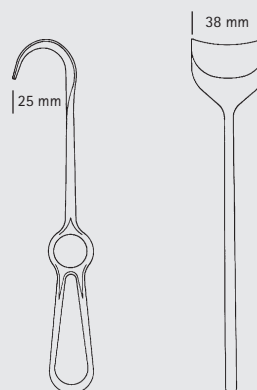
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

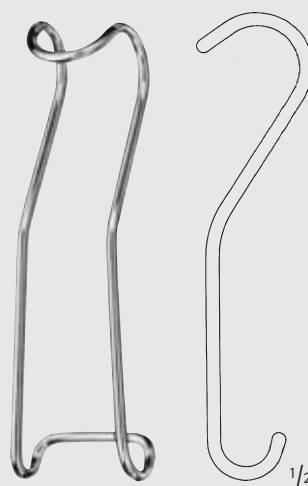
2nd number = width



COLLIN-HARTMANN

BT001R

150 mm, 6"



STERNBERG

OM251R	OM252R	OM253R
120 mm	130 mm	135 mm
4 1/4"	5"	5 1/4"

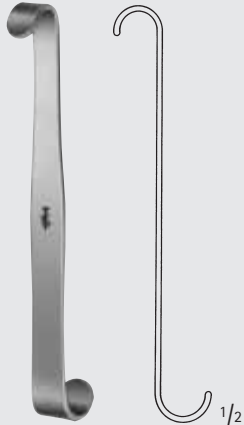


Wundhaken – Wound Retractors

Wundhaken Retractors

BT

10 x 8 mm



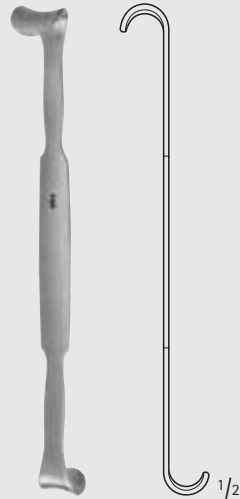
12 x 11 mm

LUER

BT010R

110 mm, 4 $\frac{3}{8}$ "

10 x 12 mm



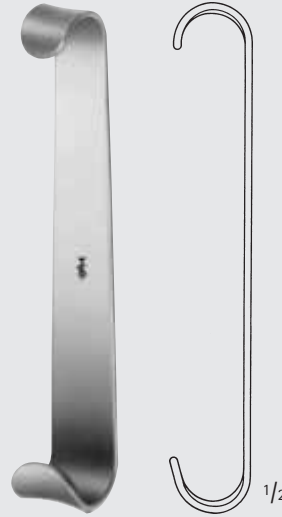
11 x 15 mm

ROSE

BT011R

130 mm, 5 $\frac{1}{8}$ "

17 x 16 mm



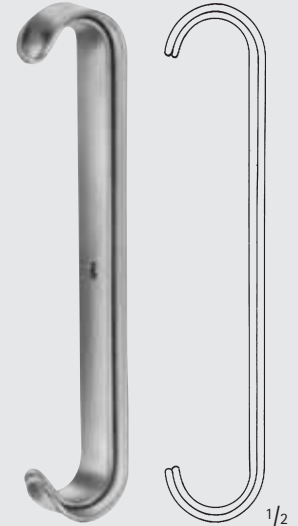
18 x 22 mm

BABY-ROUX

BT019R

135 mm, 5 $\frac{1}{4}$ "

22 x 15 mm
18 x 15 mm



18 x 15 mm
22 x 15 mm

PARKER

BT025R

135 mm, 5 $\frac{1}{4}$ "

5 x 3 mm



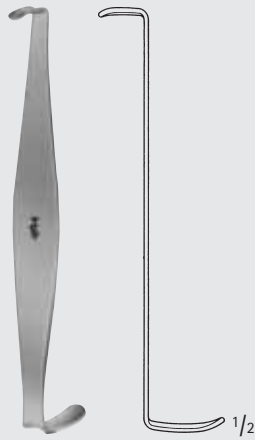
14 x 6,3 mm

RAGNELL

BT004R

150 mm, 6"

11 x 4 mm



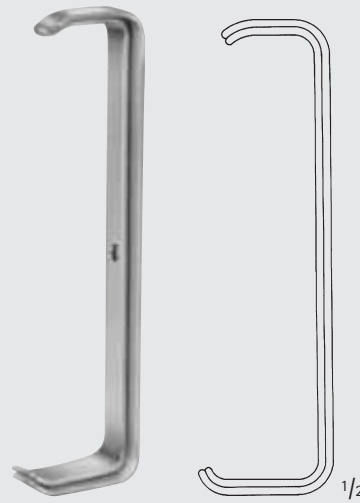
19 x 6 mm

CRILE

BT012R

110 mm, 4 $\frac{3}{8}$ "

25 x 10 mm
22 x 10 mm



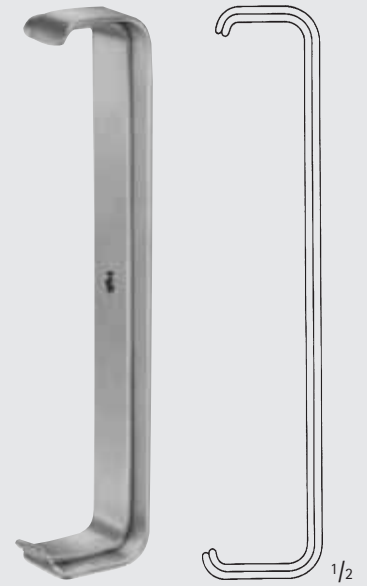
28 x 12 mm
32 x 12 mm

FARABEUF

BT020R

125 mm, 5"

23 x 16 mm
20 x 16 mm



24 x 16 mm
28 x 16 mm

FARABEUF

BT021R

150 mm, 6"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

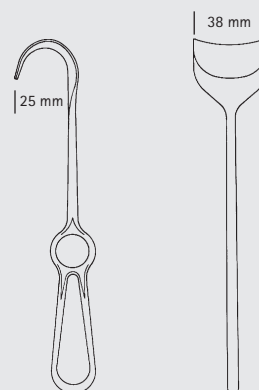
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



36 x 44 mm

30 x 24 mm



36 x 44 mm

30 x 24 mm

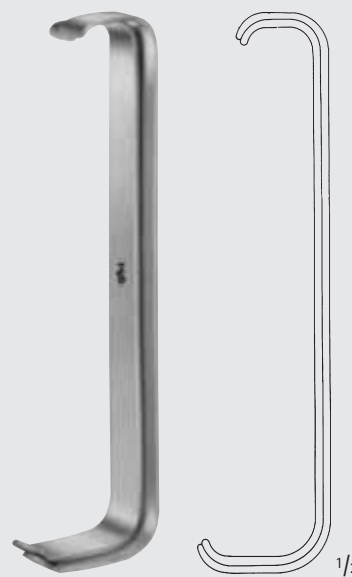
PARKER

BT026R

180 mm, 7"

21 x 14 mm

17 x 14 mm



28 x 16 mm

32 x 16 mm

COLLIN

BT022R

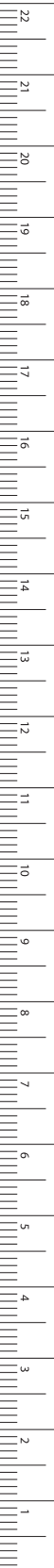
150 mm, 6"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



ROUX

BT030R-BT033R

Satz komplett
bestehend aus:

Set complete,
consisting of:

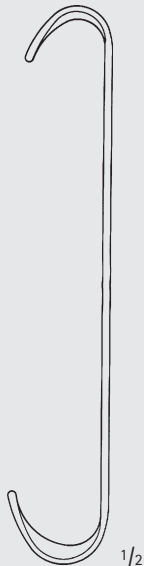
BT031R

BT032R

BT033R

165 mm, 6 1/2"

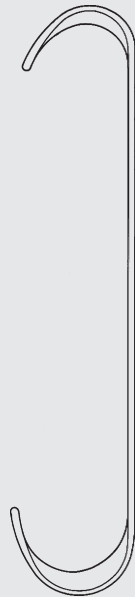
19 x 22 mm



23 x 30 mm

BT031R

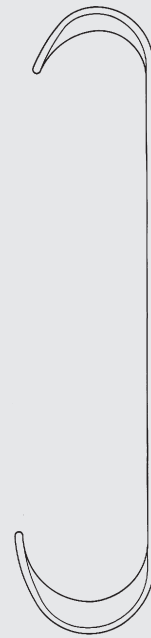
25 x 26 mm



28 x 38 mm

BT032R

28 x 29 mm



33 x 45 mm

BT033R

MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

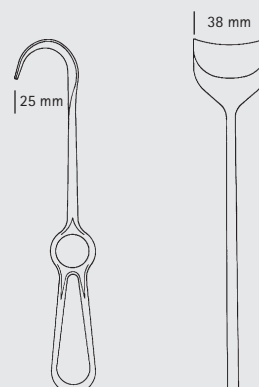
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

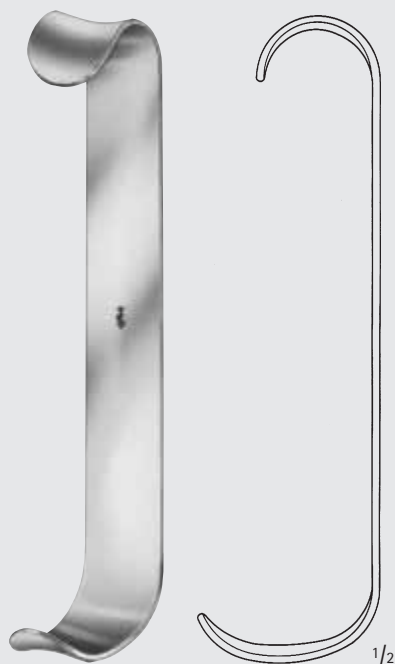
Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



28 x 24 mm



43 x 24 mm

ROUX

BT028R

170 mm, 6 3/4"

28 x 28 mm



46 x 28 mm

ROUX

BT029R

190 mm, 7 1/2"

BT



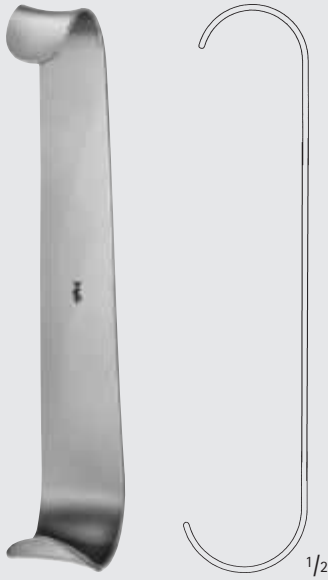


Wundhaken – Wound Retractors

Wundhaken
Retractors

BT

30 x 19 mm



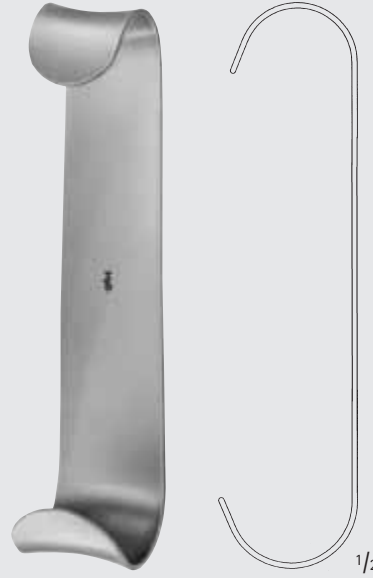
33 x 25 mm

KILNER

OL219R

150 mm, 6"

35 x 29 mm



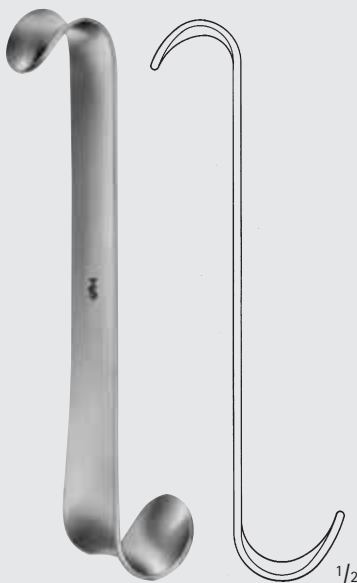
40 x 35 mm

KILNER

OL220R

150 mm, 6"

20 x 22 mm



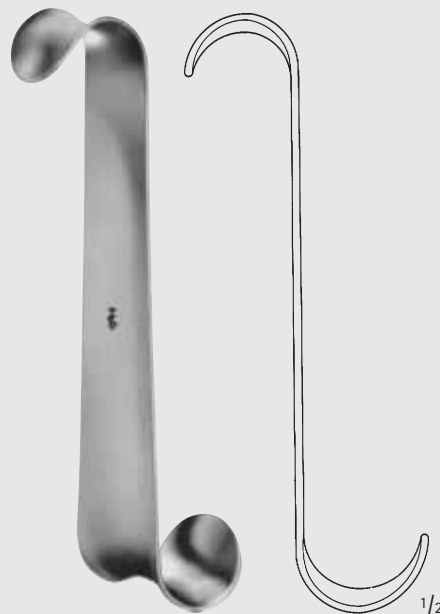
25 x 29 mm

ROUX

BT034R

150 mm, 6"

25 x 26 mm



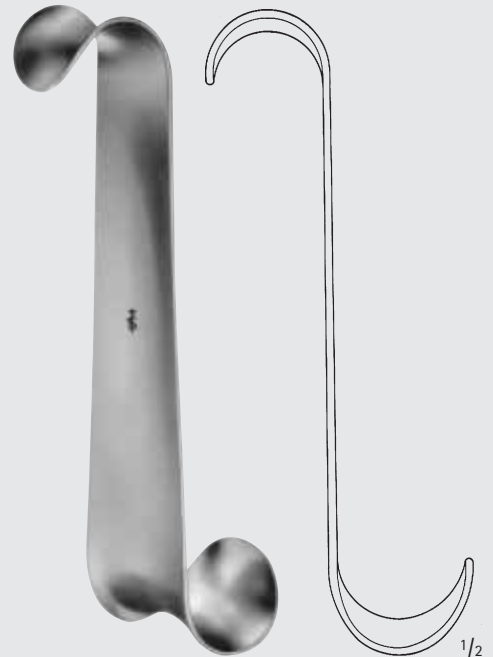
30 x 38 mm

ROUX

BT035R

160 mm, 6 1/4"

28 x 29 mm



33 x 44 mm

ROUX

BT036R

170 mm, 6 3/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

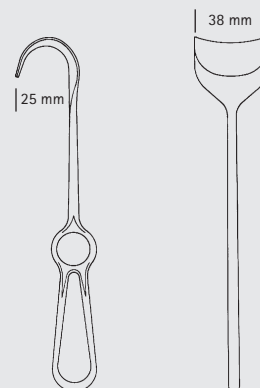
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



30 x 13 mm



35 x 19 mm

LANE

BT037R

230 mm, 9"

30 x 25 mm



35 x 32 mm

LANE

BT038R

230 mm, 9"

38 x 22 mm



38 x 22 mm

CZERNY

BT042R

175 mm, 7"

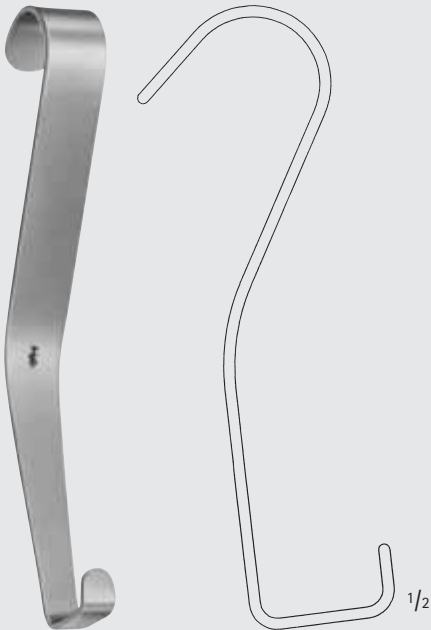


Wundhaken – Wound Retractors

Wundhaken
Retractors

BT

30 x 18 mm



25 x 10 mm

HAJEK

OL221R

165 mm, 6 1/2"

47 x 13 mm
41 x 13 mm



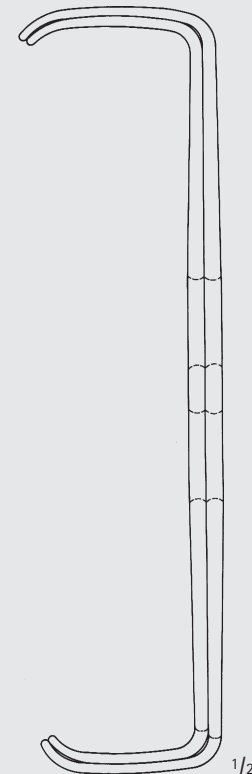
37 x 25 mm
45 x 25 mm

MATHIEU

BT040R

200 mm, 8"

38 x 22 mm



38 x 22 mm



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

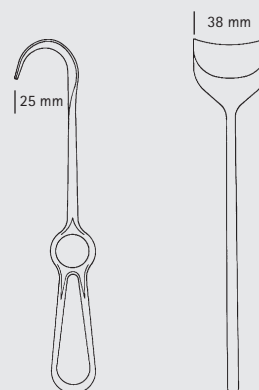
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

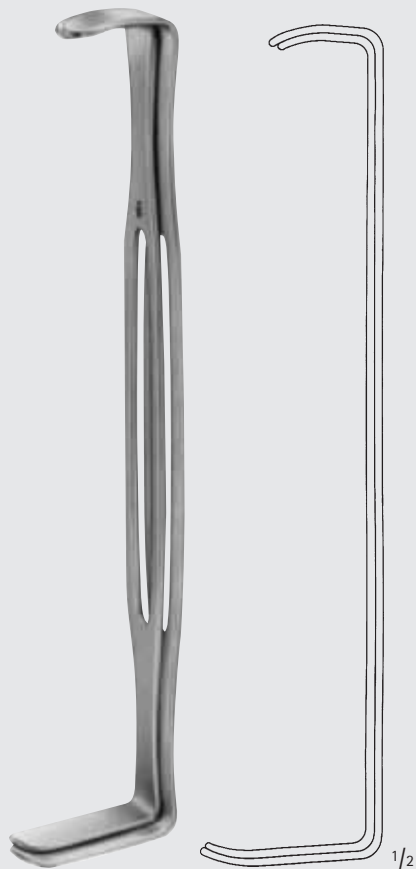
Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



26 x 15 mm
22 x 15 mm



39 x 15 mm
43 x 15 mm

US-ARMY

BT041R

220 mm, 8 3/4"



GOELET

MD497

190 mm, 7 1/2"



CANNY-RYALL

Blattbreite
Blade width

BT047R	190 mm, 7 1/2"	16 mm
BT048R	190 mm, 7 1/2"	20 mm
BT049R	200 mm, 8"	25 mm



Wundhaken – Wound Retractors

Knochen- und Wundhaken
Bone Retractors and Retractors

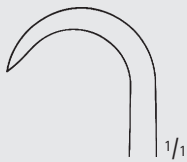
BT



KOCHER

BT234R

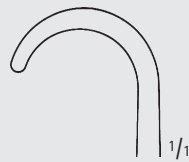
scharf
sharp
205 mm, 8"



KOCHER

BT238R

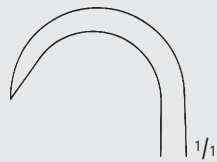
scharf
sharp
220 mm, 8 3/4"



KOCHER

BT239R

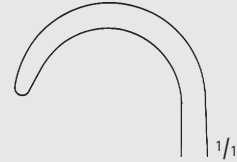
stumpf
blunt
220 mm, 8 3/4"



VOLKMANN

BT240R

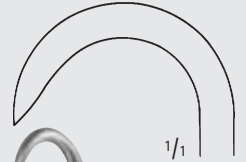
scharf
sharp
220 mm, 8 3/4"



VOLKMANN

BT241R

stumpf
blunt
220 mm, 8 3/4"



BT232R

scharf
sharp
245 mm, 9 3/4"



MILLIMETERS

Wundhaken – Wound Retractors

Knochen- und Wundhaken

Bone Retractors and Retractors

Maßangaben für Blattgrößen der Wundhaken

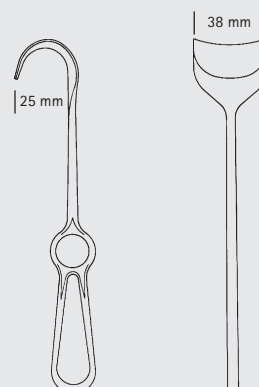
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



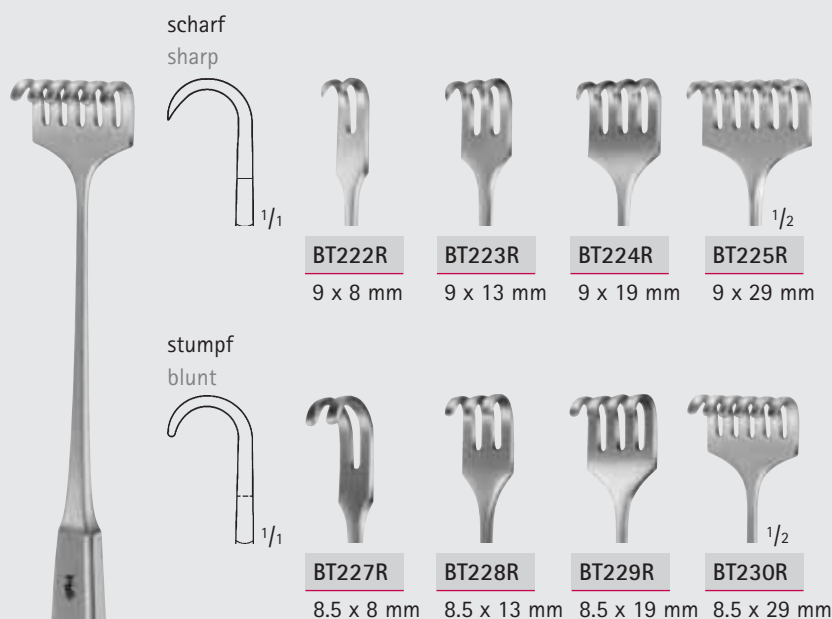
VOLKMANN

BT221R

scharf

sharp

220 mm, 8 3/4"



VOLKMANN

BT222R-BT230R

225 mm, 9"

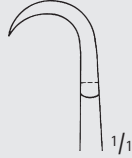


Wundhaken – Wound Retractors

Wundhaken
Retractors

BT

scharf
sharp



BT242R
9 x 8 mm



BT243R
9 x 13 mm



BT244R
9 x 19 mm



BT246R
9 x 29 mm



BT248R
9 x 40 mm

stumpf
blunt



BT252R
8 x 8 mm



BT253R
8 x 13 mm



BT254R
8 x 19 mm



BT256R
8 x 29 mm



BT258R
8 x 40 mm

halbscharf
semi-sharp



BT257R
8.5 x 8 mm



BT259R
8.5 x 13 mm



BT260R
8.5 x 19 mm



BT261R
8.5 x 29 mm



BT265R
8,5 x 40 mm



VOLKMANN

BT242R-BT265R

220 mm, 8 3/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

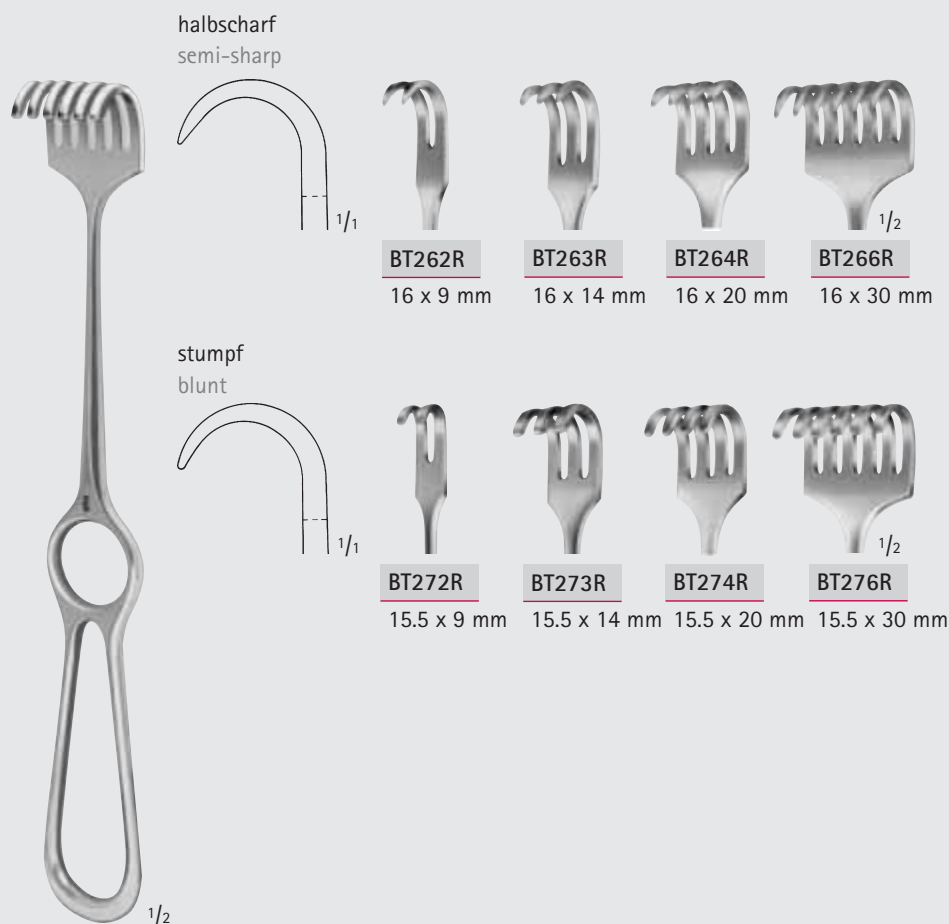
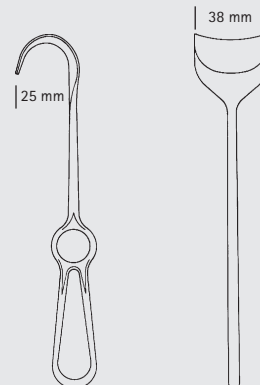
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



KOCHER

BT262R-BT276R

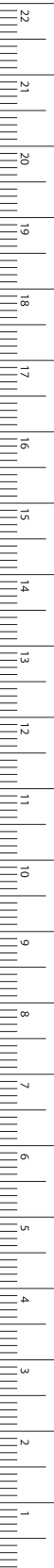
220 mm, 8 3/4"



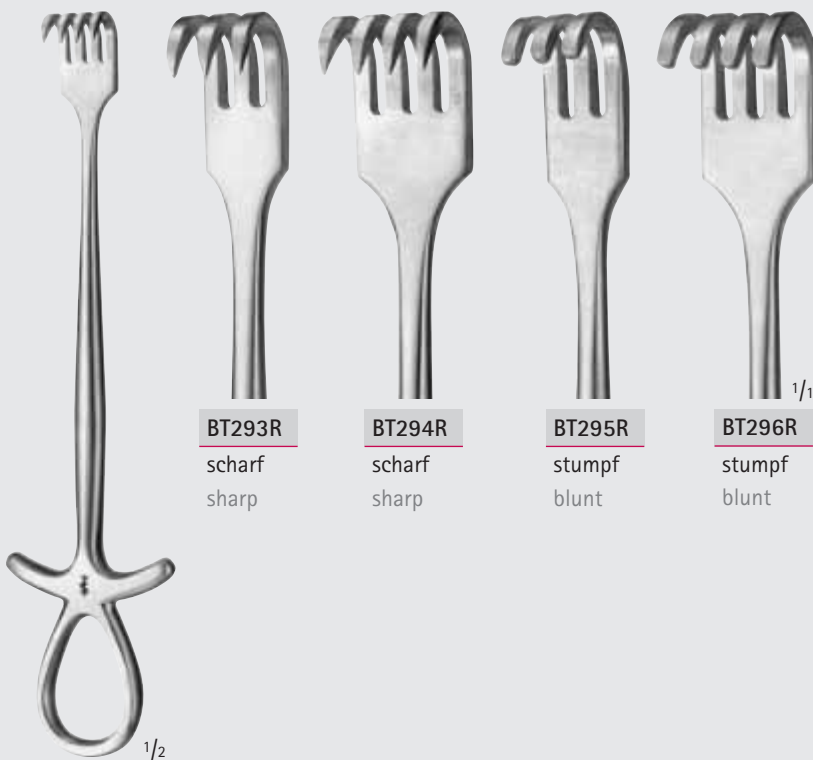
Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



MILLIMETERS



BT293R

scharf
sharp

BT294R

scharf
sharp

BT295R

stumpf
blunt

BT296R

stumpf
blunt

MURPHY

BT293R-BT296R

195 mm, 7 ³/₄"

Wundhaken – Wound Retractors

Wundhaken, tiefe Form

Retractors, Deep Form

Maßangaben für Blattgrößen der Wundhaken

1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



BT278R

8 Zähne, stumpf
8 prongs, blunt

BT279R

8 Zähne, halbscharf
8 prongs, semi-sharp

KÖRTE

BT278R-BT279R

Griff vertikal zum Blatt

Handle vertical to the blade

240 mm, 9 1/2"



KÖRTE

BT280R

4 Zähne, stumpf

Griff vertikal zum Blatt

4 prongs, blunt

handle vertical to the blade

230 mm, 9"



KÖRTE-WAGNER

BT290R

8 Zähne, halbscharf

8 prongs, semi-sharp

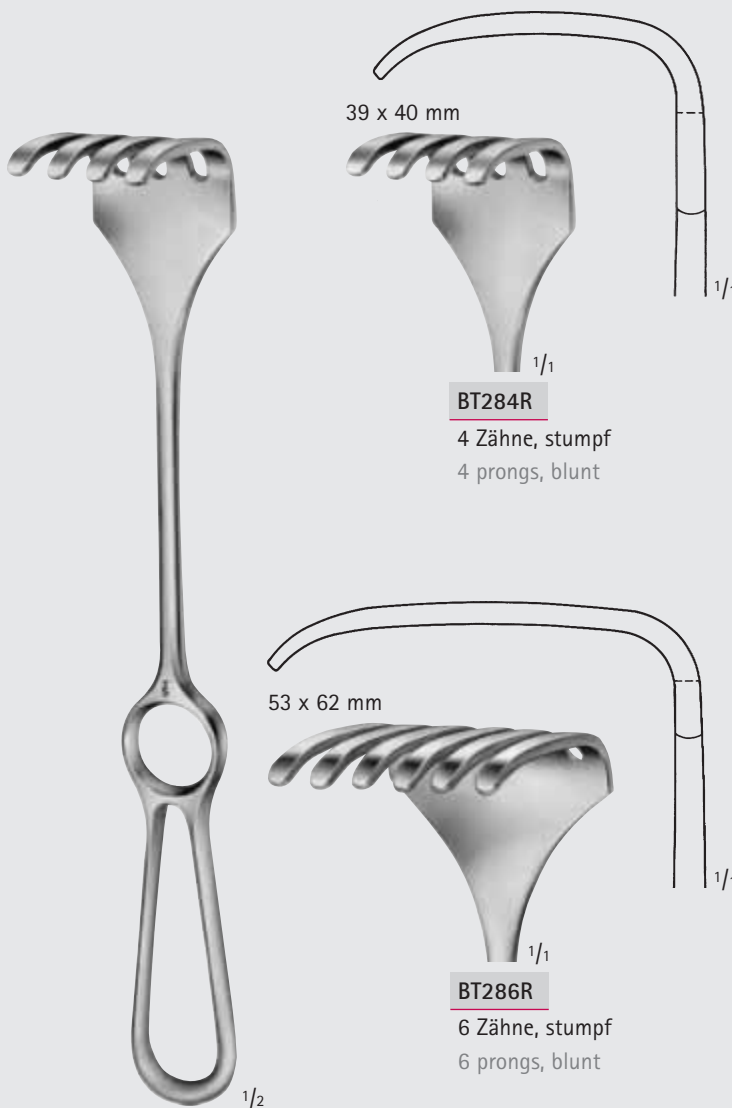
280 mm, 11"



Wundhaken – Wound Retractors

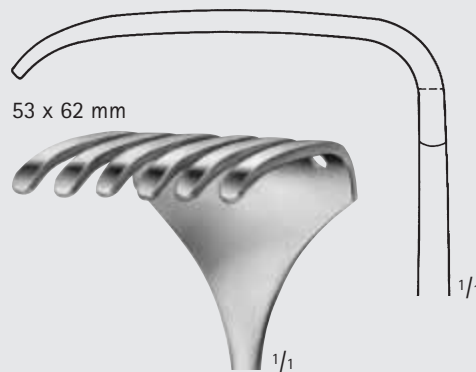
Wundhaken, tiefe Form
Retractors, Deep Form

BT



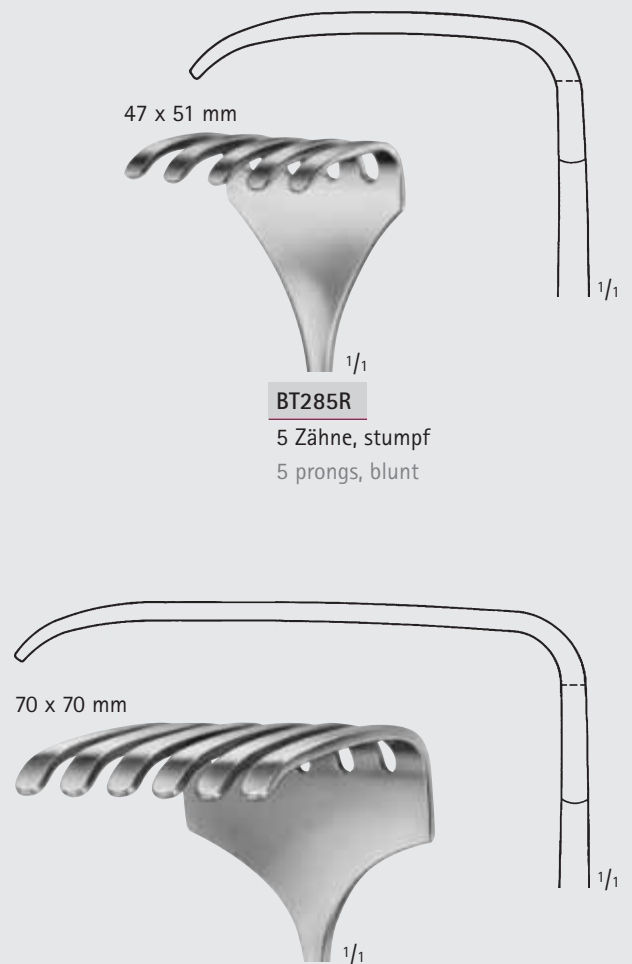
BT284R

4 Zähne, stumpf
4 prongs, blunt



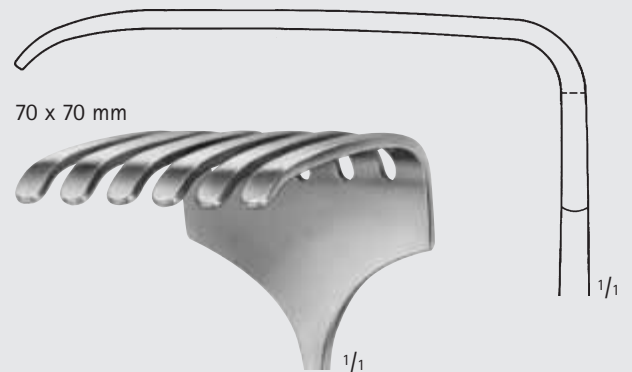
BT286R

6 Zähne, stumpf
6 prongs, blunt



BT285R

5 Zähne, stumpf
5 prongs, blunt



BT287R

6 Zähne, stumpf
6 prongs, blunt

ISRAEL

BT284R-BT287R

255 mm, 10"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

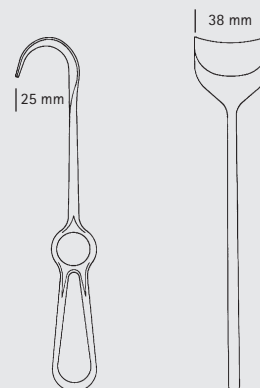
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



OLLIER

BT288R

4 Zähne, stumpf

4 prongs, blunt

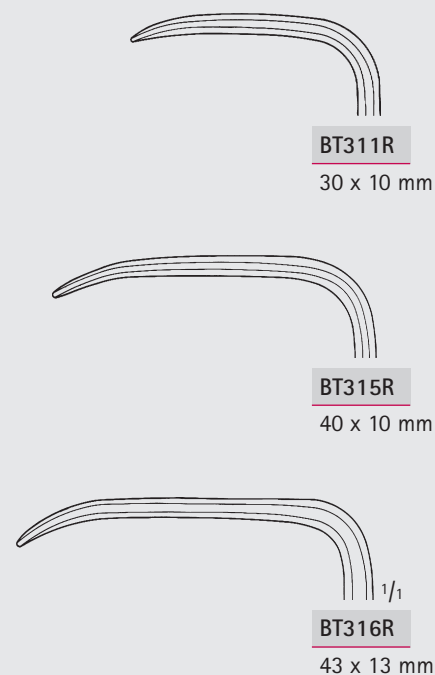
230 mm, 9"



LANGENBECK

BT311R-BT316R

230 mm, 9"



BT311R

30 x 10 mm

BT315R

40 x 10 mm

BT316R

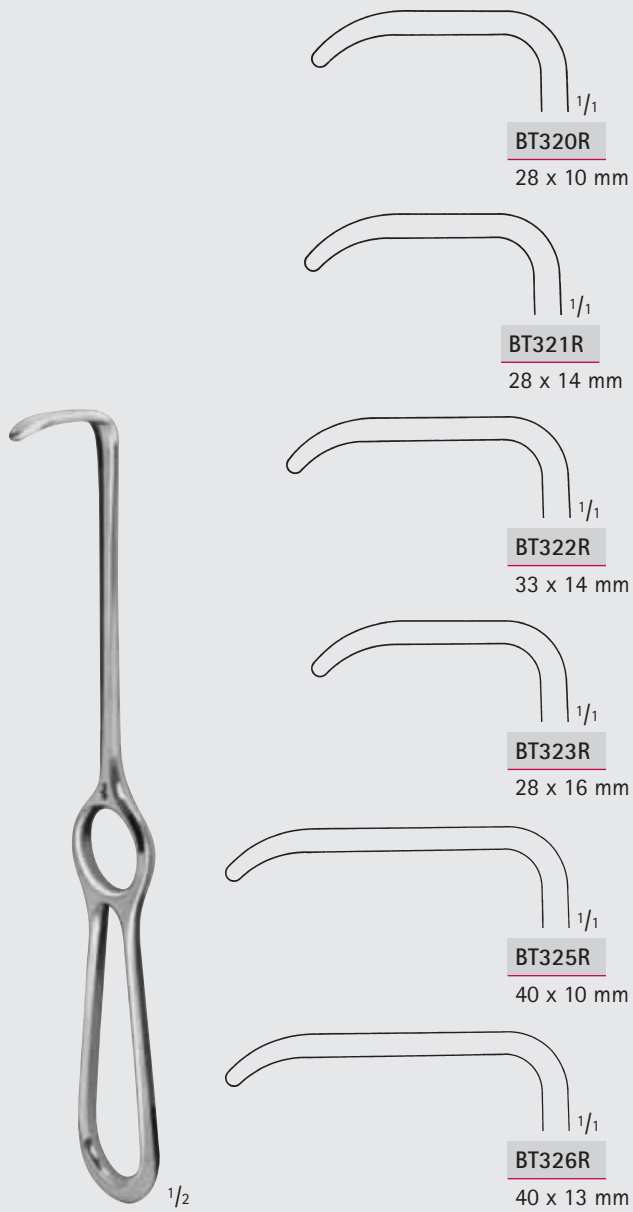
43 x 13 mm



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



LANGENBECK

BT320R-BT326R

210 mm, 8 1/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

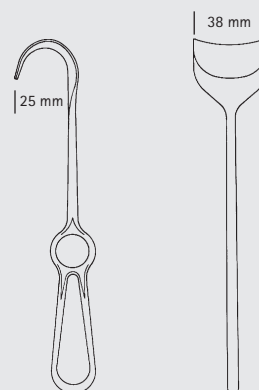
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

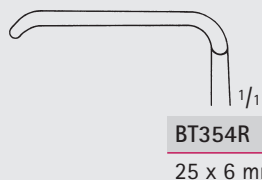
2nd number = width



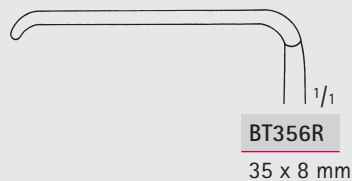
KOCHER-LANGENBECK

BT354R-BT365R

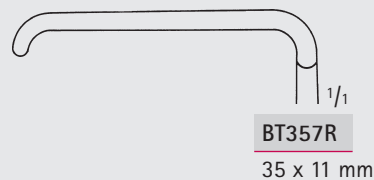
215 mm, 8 1/2"



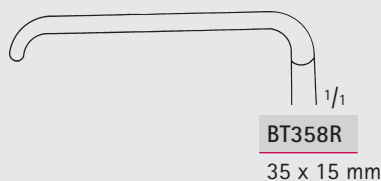
BT354R
25 x 6 mm



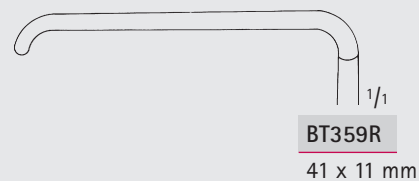
BT356R
35 x 8 mm



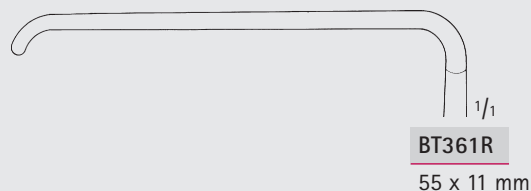
BT357R
35 x 11 mm



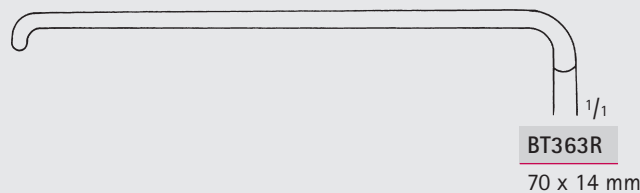
BT358R
35 x 15 mm



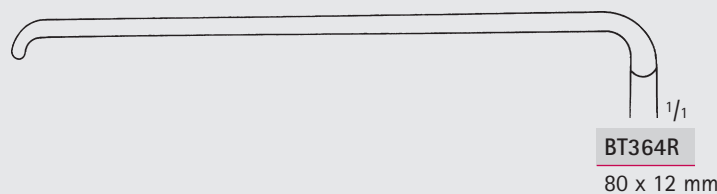
BT359R
41 x 11 mm



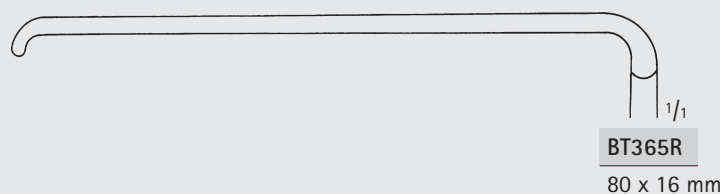
BT361R
55 x 11 mm



BT363R
70 x 14 mm



BT364R
80 x 12 mm



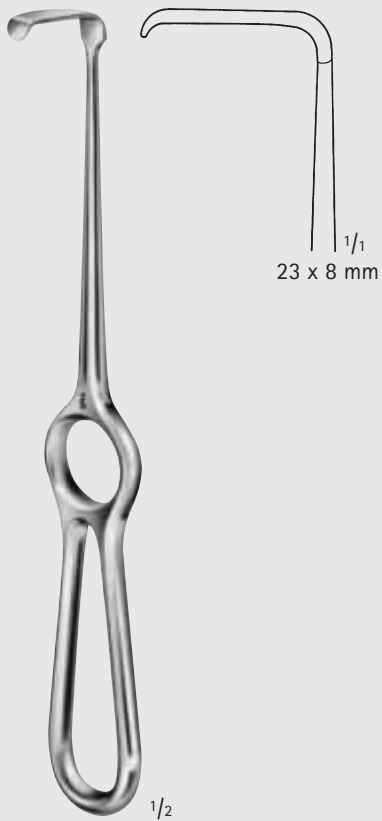
BT365R
80 x 16 mm



Wundhaken – Wound Retractors

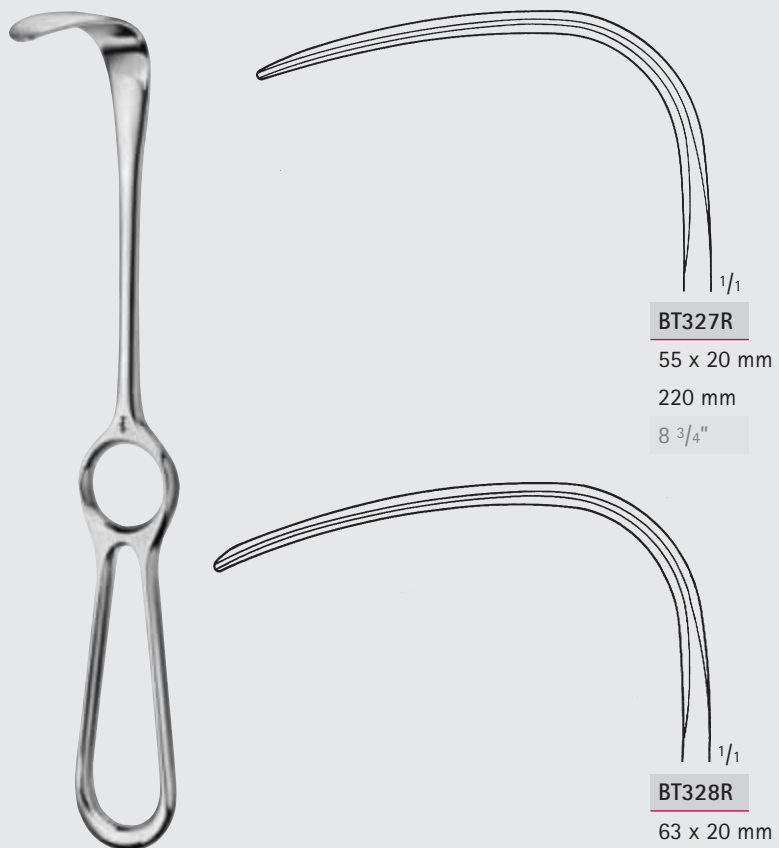
Wundhaken
Retractors

BT



BT340R

210 mm, 8 1/4"



BT327R

55 x 20 mm

220 mm

8 3/4"

BT328R

63 x 20 mm

210 mm

8 1/4"

BT327R-BT328R



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

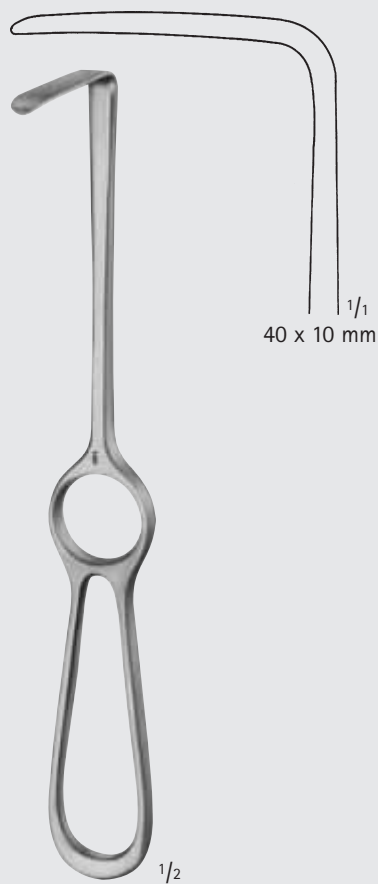
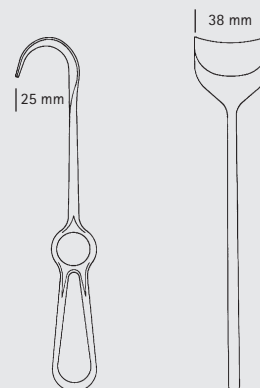
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



BT343R

215 mm, 8 1/2"



LANGENBECK

BT332R

Griff vertikal zum Blatt

Handle vertical to the blade

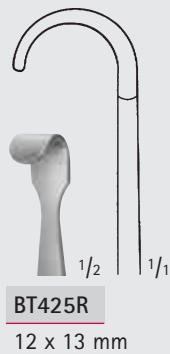
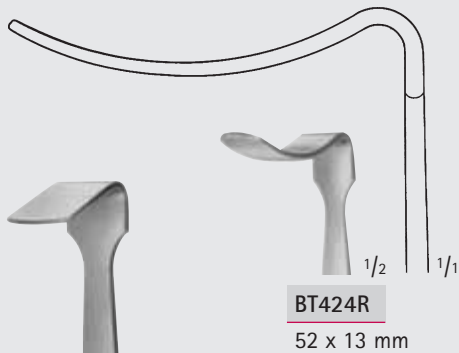
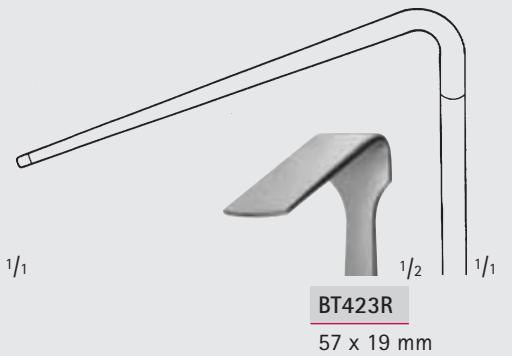
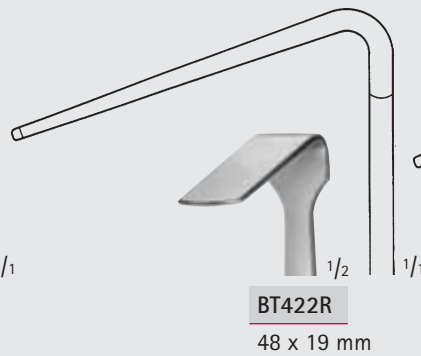
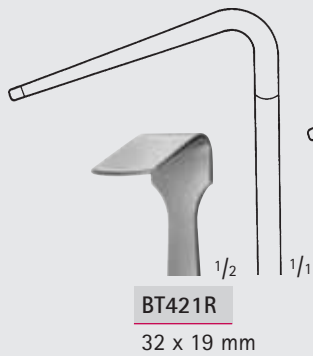
215 mm, 8 1/2"



Wundhaken – Wound Retractors

Wund- und Meniskushaken
Retractors and Knee Retractors

BT



SMILLIE

BT421R-BT425R
140 mm, 5 1/2"



MILLIMETERS

Wundhaken – Wound Retractors

Wund- und Meniskushaken

Retractors and Knee Retractors

Maßangaben für Blattgrößen der Wundhaken

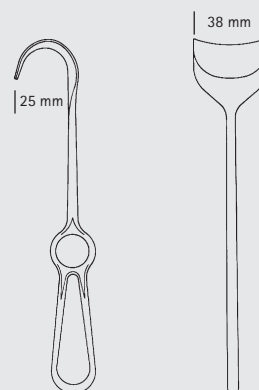
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

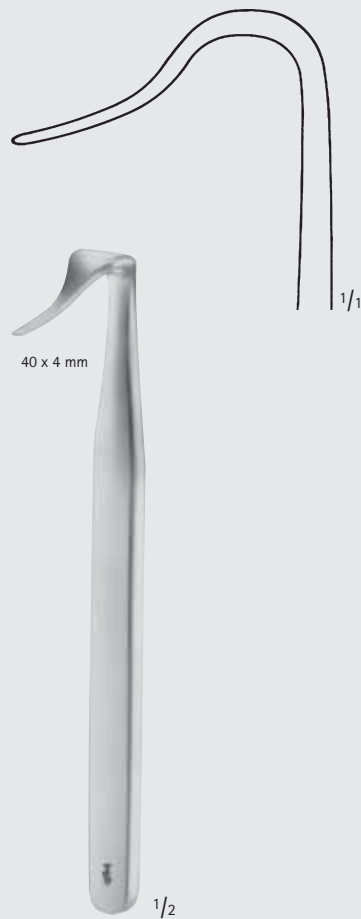
1st number = depth Example: 25 x 38 mm

2nd number = width



BT419R

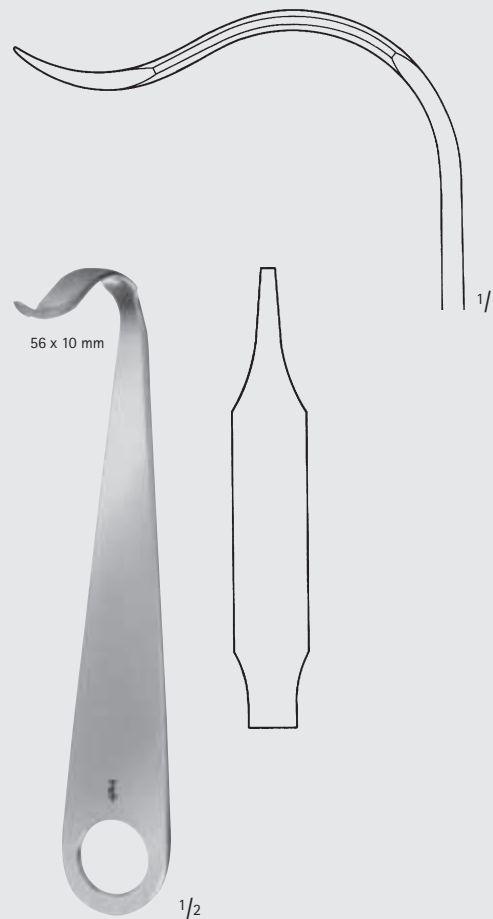
225 mm, 9"



BLOUNT

BT420R

175 mm, 7"



BT430R

170 mm, 6 3/4"

BT





Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



OBWEGESER

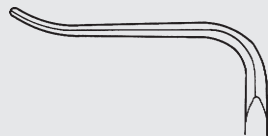
DO450R-DO455R

215 mm, 8 1/2"



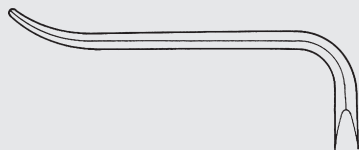
DO450R

25 x 7 mm



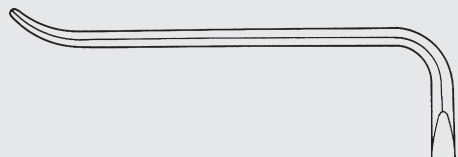
DO451R

31 x 10 mm



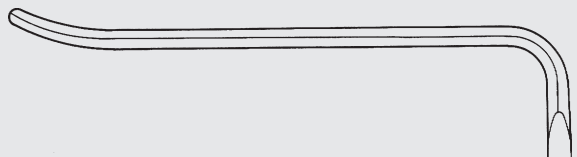
DO452R

42 x 11 mm



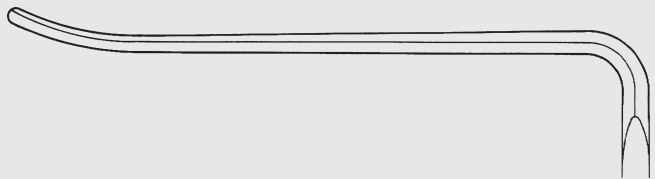
DO453R

55 x 12 mm



DO454R

70 x 14 mm



DO455R

80 x 16 mm



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



DO460R

25 x 7 mm

DO461R

31 x 10 mm

DO462R

42 x 11 mm

DO463R

55 x 12 mm

DO464R

70 x 14 mm

DO465R

80 x 16 mm



OBWEGESER

DO460R-DO465R

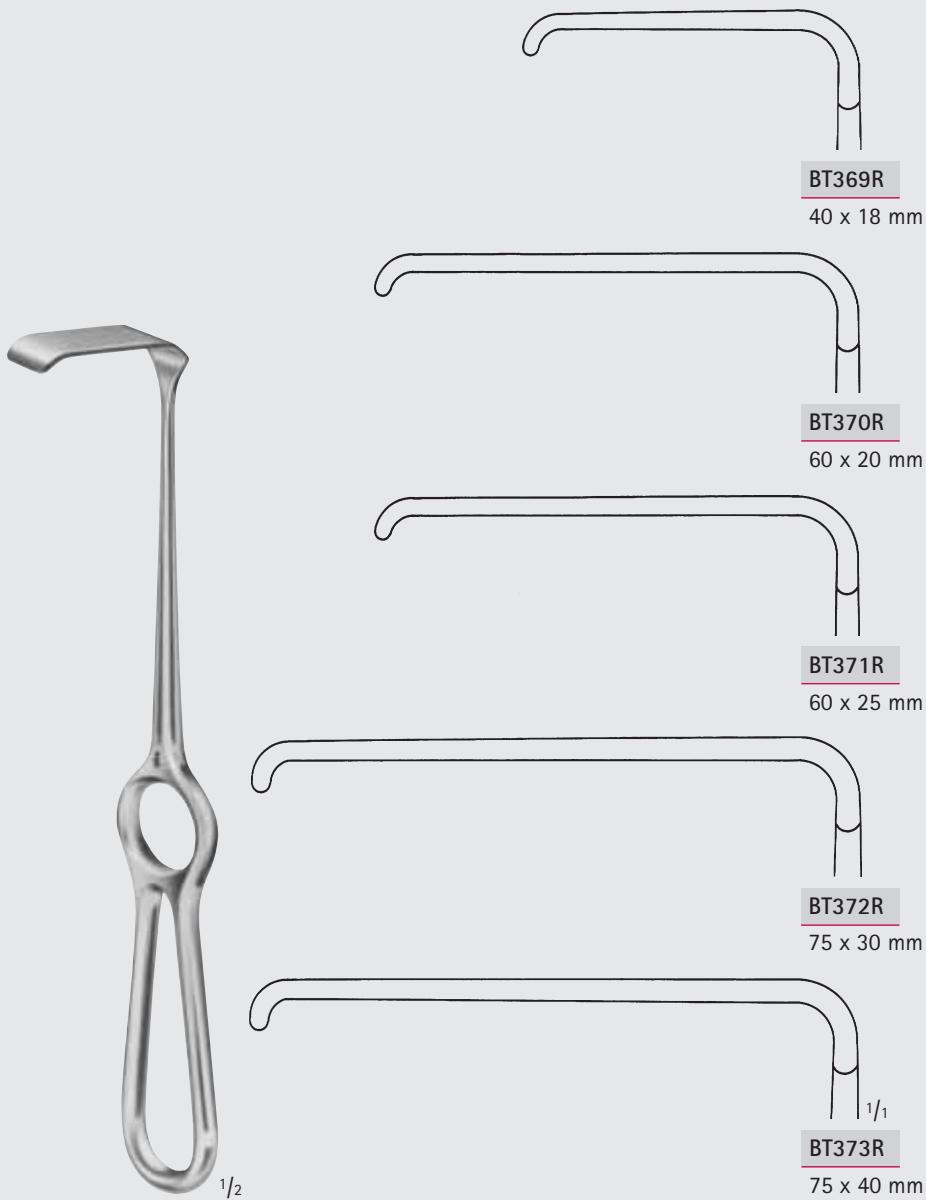
215 mm, 8 1/2"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

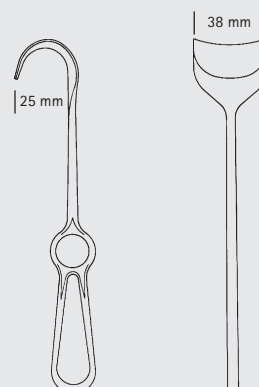
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

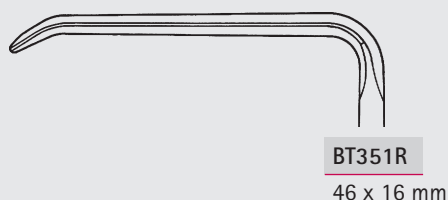
2nd number = width



SAUERBRUCH

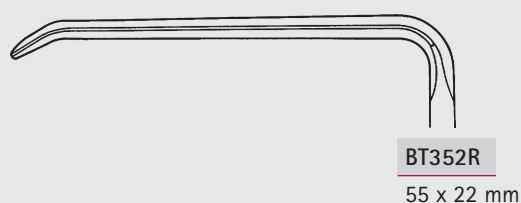
BT351R-BT353R

225 mm, 9"



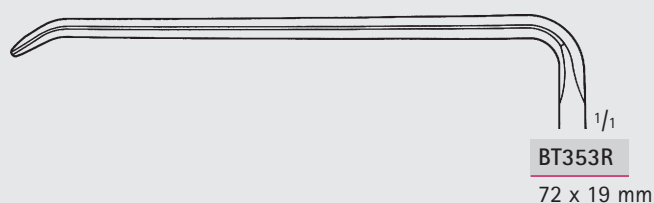
BT351R

46 x 16 mm



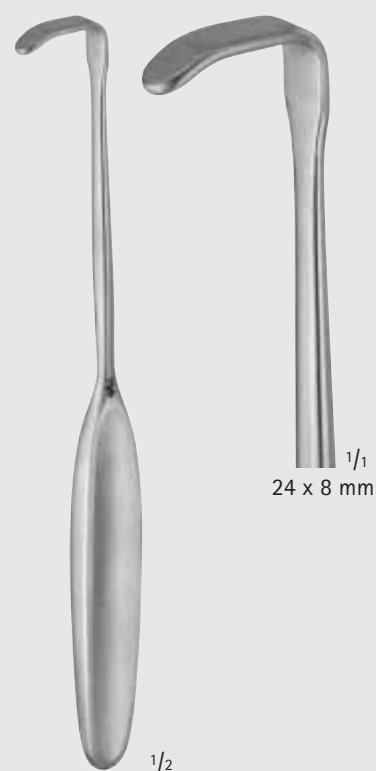
BT352R

55 x 22 mm



BT353R

72 x 19 mm



LAHEY

MB785R

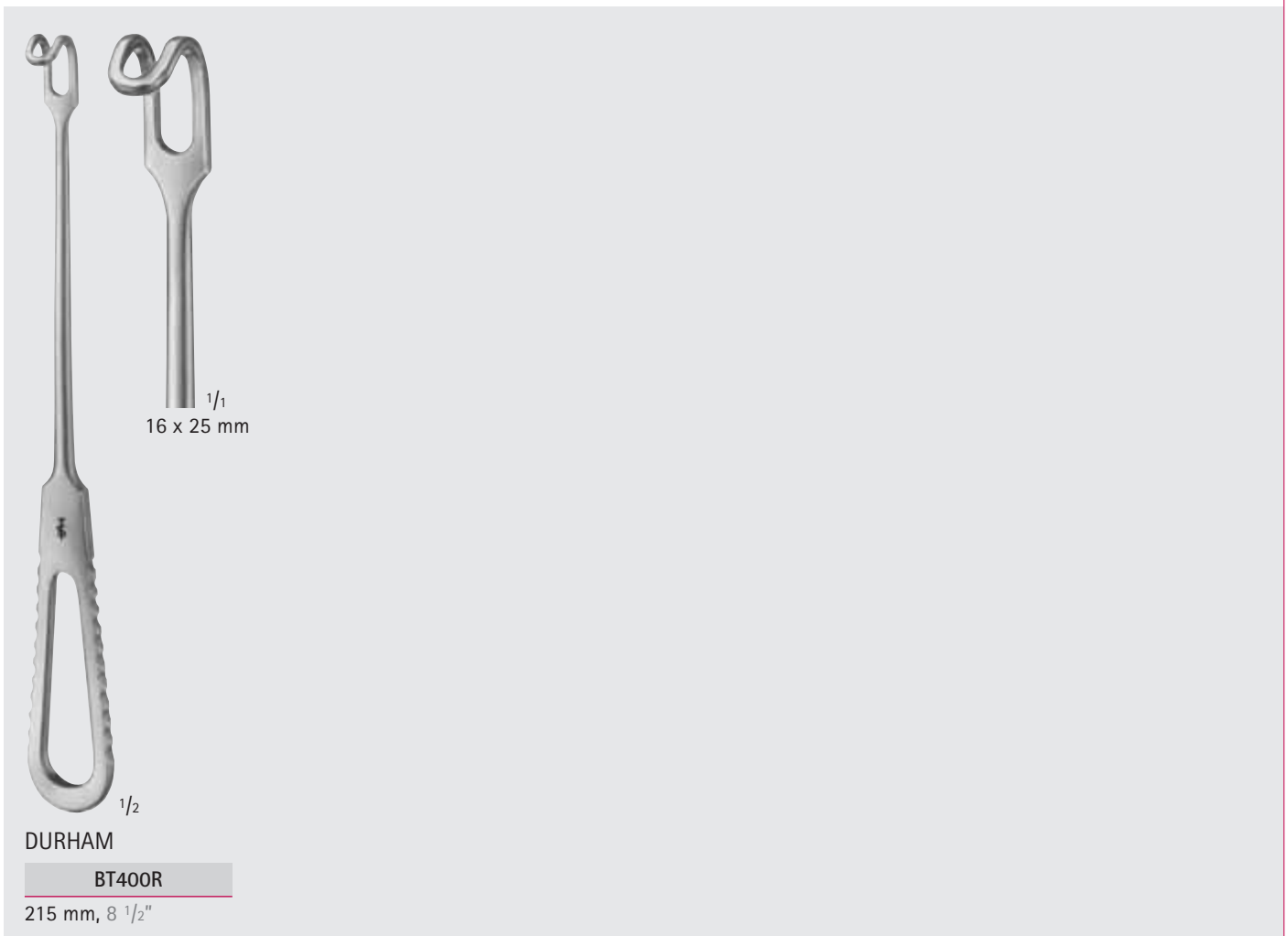
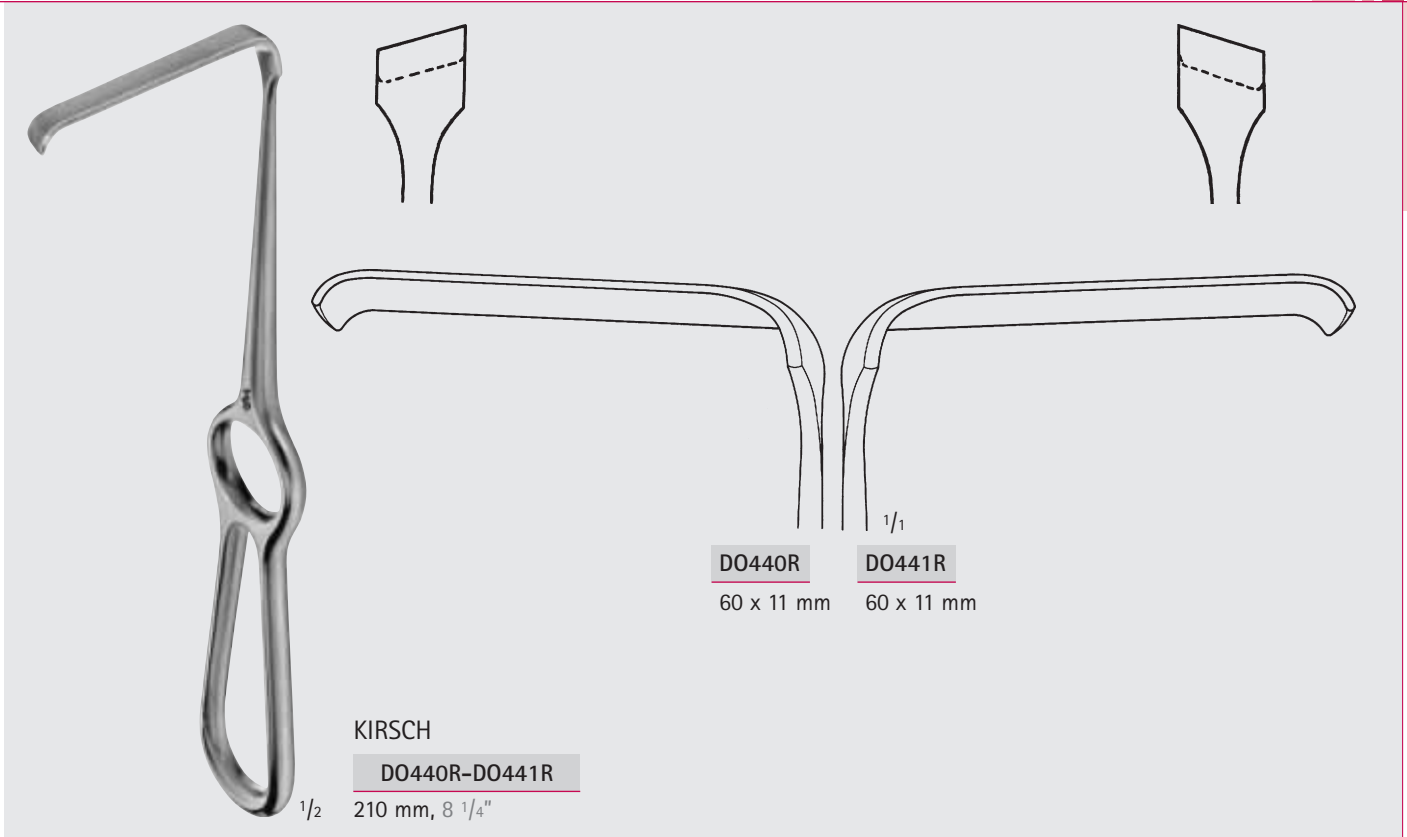
200 mm, 8"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

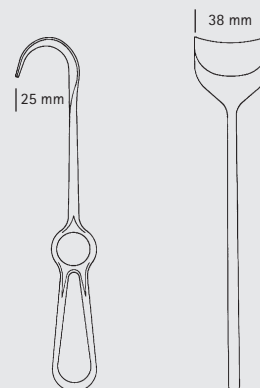
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



BT404R

15 x 15 mm

220 mm

8 3/4"

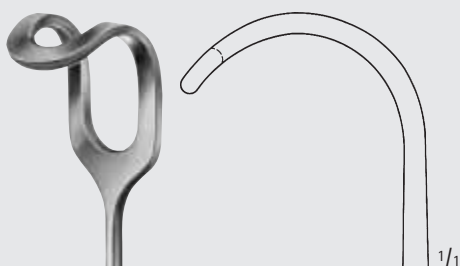


BT405R

20 x 22 mm

215 mm

8 1/2"



BT406R

28 x 28 mm

235 mm

9 1/4"

MIDDELDORPF

BT404R-BT406R



22 x 22 mm



GREENE

BT408R

225 mm, 9"



Wundhaken – Wound Retractors

Wundhaken
Retractors

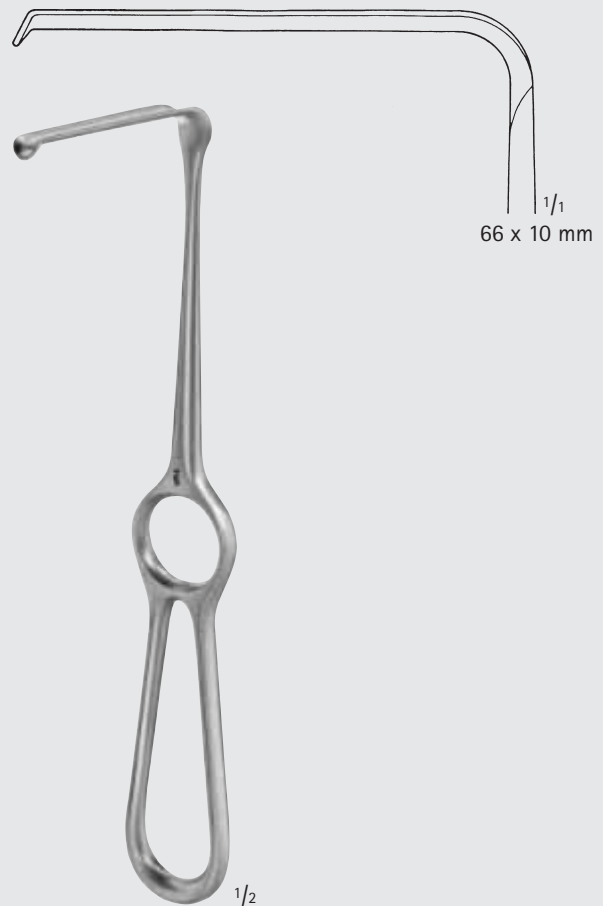
BT



BÜCHS

DO432R

205 mm, 8"



KRÄMER

BT464R

210 mm, 8 1/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

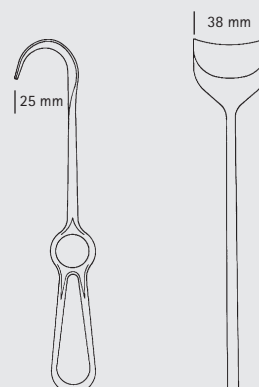
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

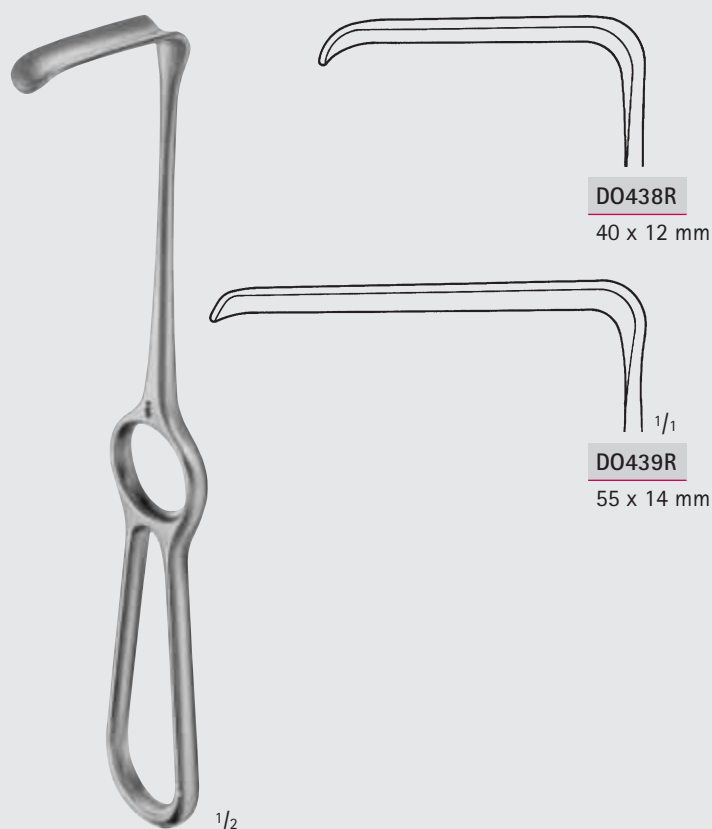
2nd number = width



CASPAR

BT465R

210 mm, 8 1/4"



DOCKHORN

D0438R-D0439R

210 mm, 8 1/4"

BT



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



KOCHER

BT459R

230 mm, 9"



BT460R

67 x 25 mm

BT461R

80 x 42 mm

BT462R

80 x 50 mm

BT463R

80 x 60 mm

KOCHER

BT460R-BT463R

250 mm, 10"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

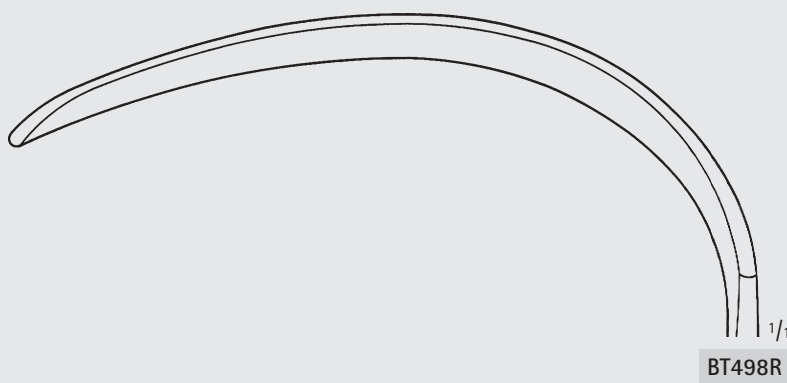
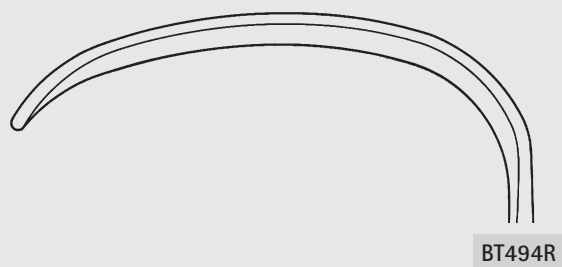
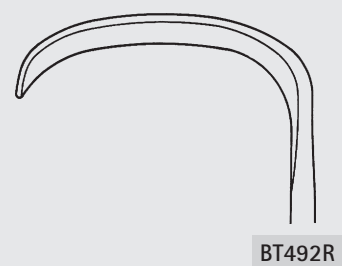
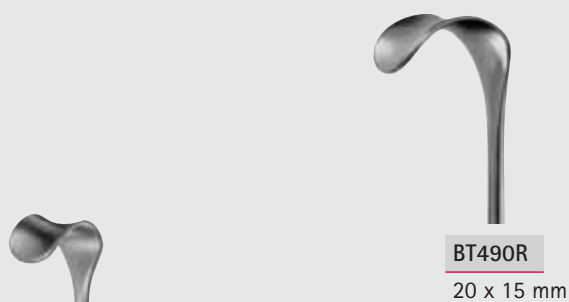
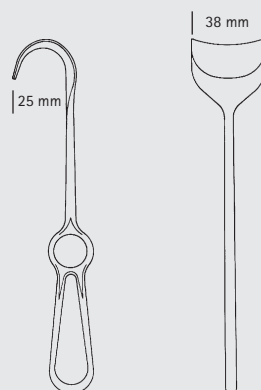
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



KOCHER-WAGNER

BT490R-BT498R

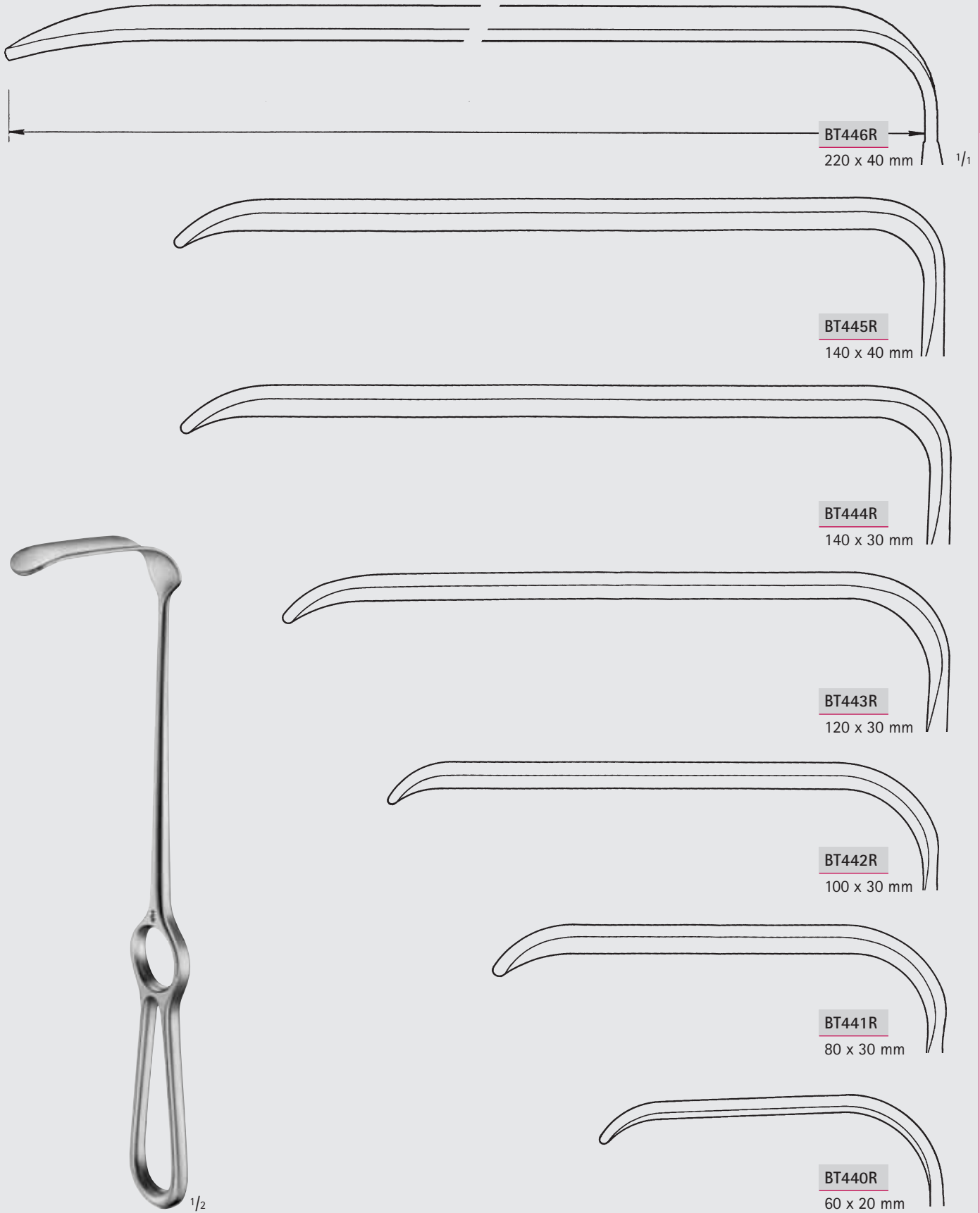
280 mm, 11"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



BT446R

220 x 40 mm

1/1

BT445R

140 x 40 mm

BT444R

140 x 30 mm

BT443R

120 x 30 mm

BT442R

100 x 30 mm

BT441R

80 x 30 mm

BT440R

60 x 20 mm

1/2

HÖSEL

BT440R-BT446R

250 mm, 10"

MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

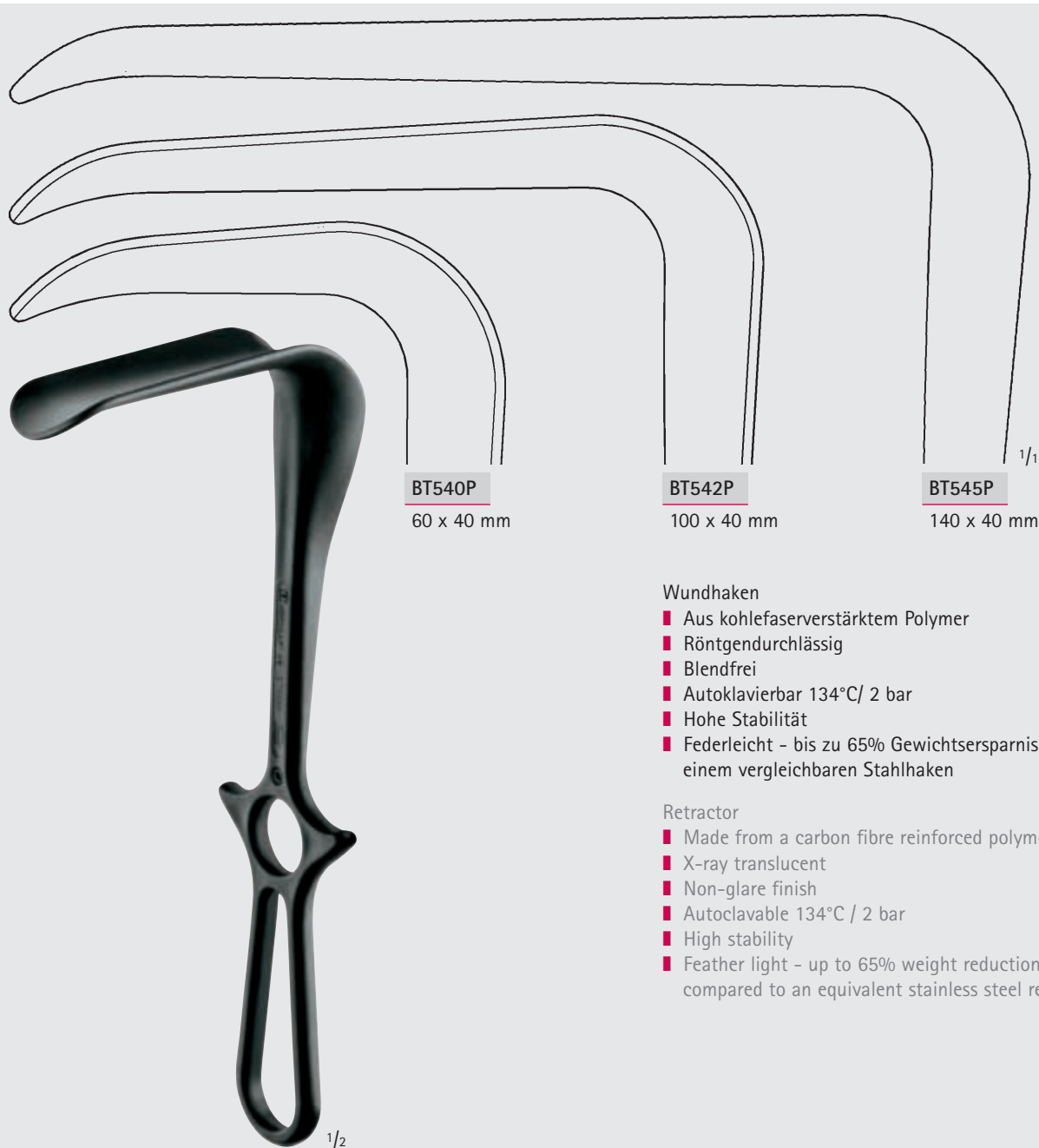
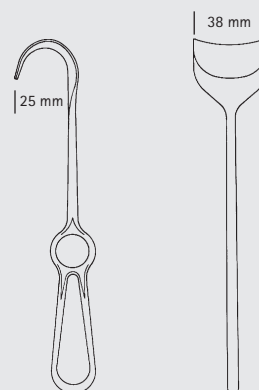
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



BT540P

60 x 40 mm

BT542P

100 x 40 mm

BT545P

140 x 40 mm

Wundhaken

- Aus kohlefaserverstärktem Polymer
- Röntgendurchlässig
- Blendfrei
- Autoklavierbar 134°C/ 2 bar
- Hohe Stabilität
- Federleicht - bis zu 65% Gewichtsersparnis zu einem vergleichbaren Stahlhaken

Retractor

- Made from a carbon fibre reinforced polymer
- X-ray translucent
- Non-glare finish
- Autoclavable 134°C / 2 bar
- High stability
- Feather light - up to 65% weight reduction compared to an equivalent stainless steel retractor

BT540P-BT545P

255 mm, 10"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



RICHARDSON-EASTMAN

BT470R

Satz komplett,
bestehend aus:

Set complete,
consisting of:

BT471R
BT472R



RICHARDSON

BT475R-BT477R

240 mm, 9 1/2"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

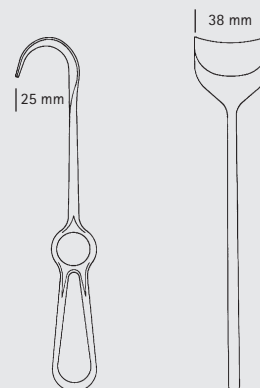
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



RICHARDSON

BT478R

240 mm, 9 1/2"



RICHARDSON

BT479R

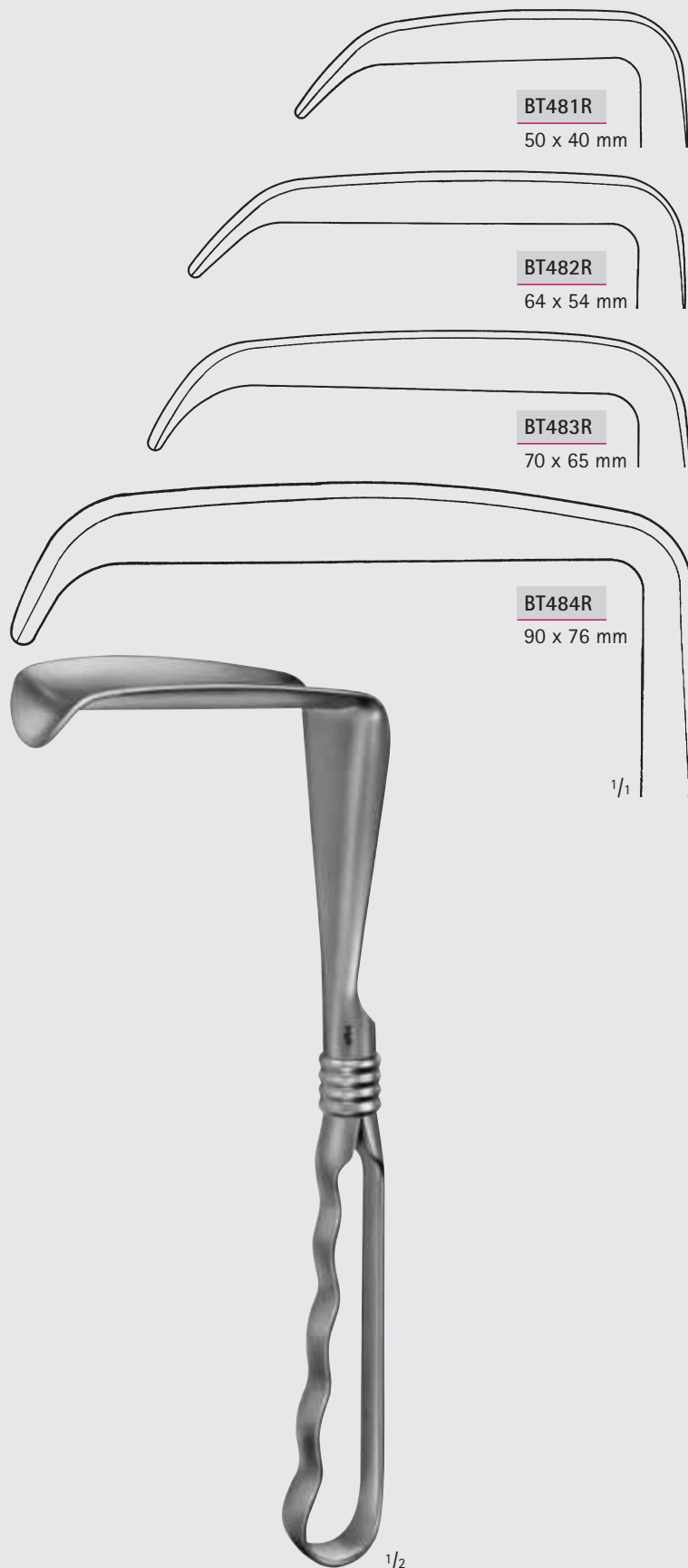
250 mm, 10"



Wundhaken – Wound Retractors

Wundhaken
Retractors

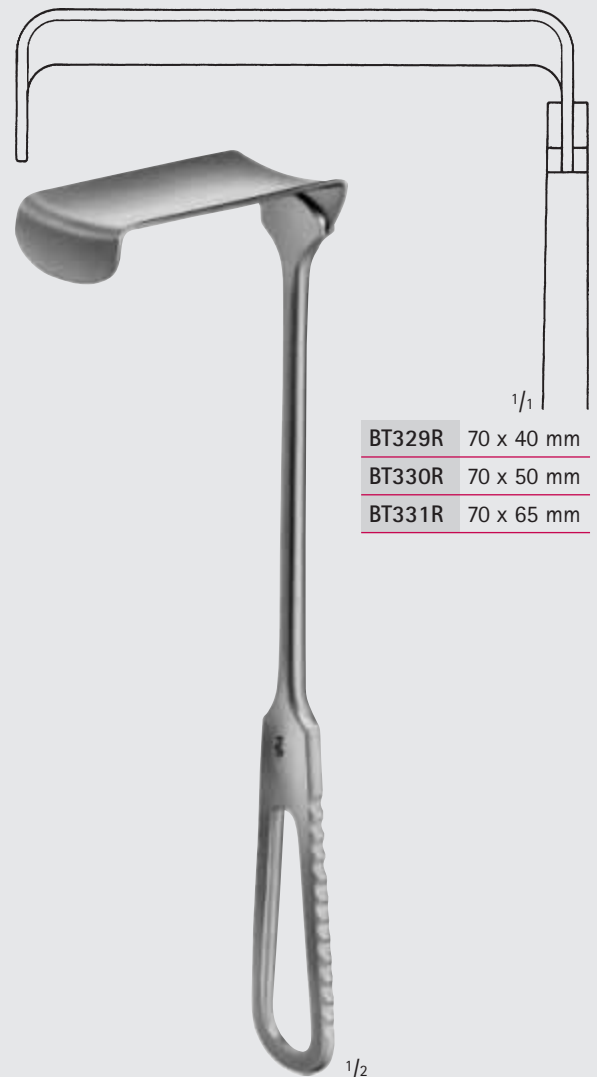
BT



KELLY

BT481R-BT484R

260 mm, 10 1/4"



MORRIS

BT329R-BT331R

245 mm, 9 3/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

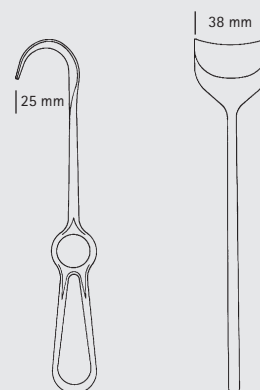
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



MEYERDING

BT485R-BT487R



BT485R

52 x 16 mm

230 mm

9"

BT486R

76 x 25 mm

230 mm

9"

BT487R

89 x 50 mm

255 mm

10"



Wundhaken – Wound Retractors

Wundhaken
Retractors



BT



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

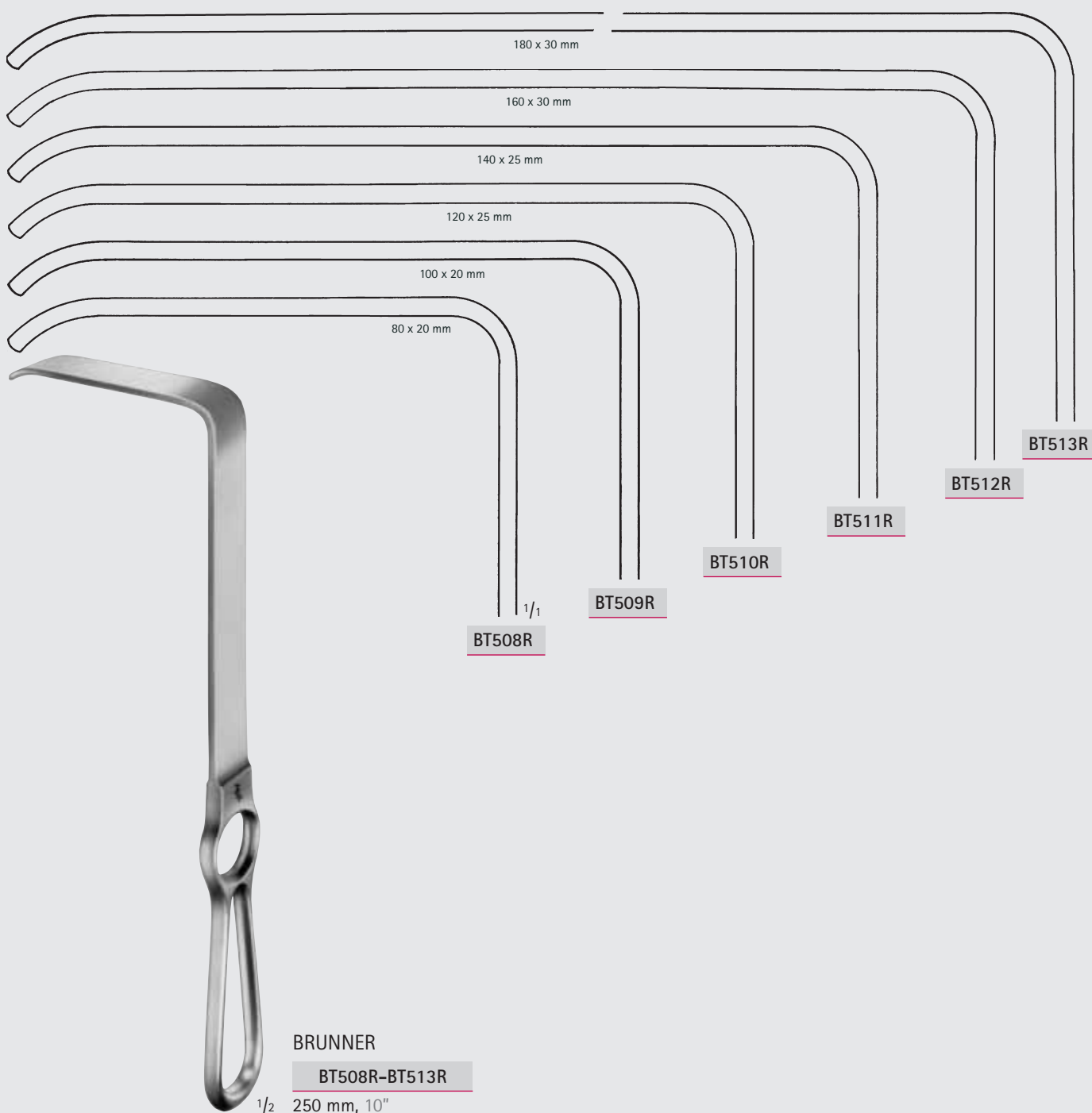
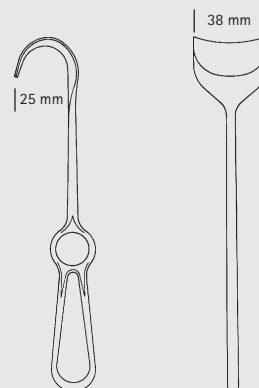
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width

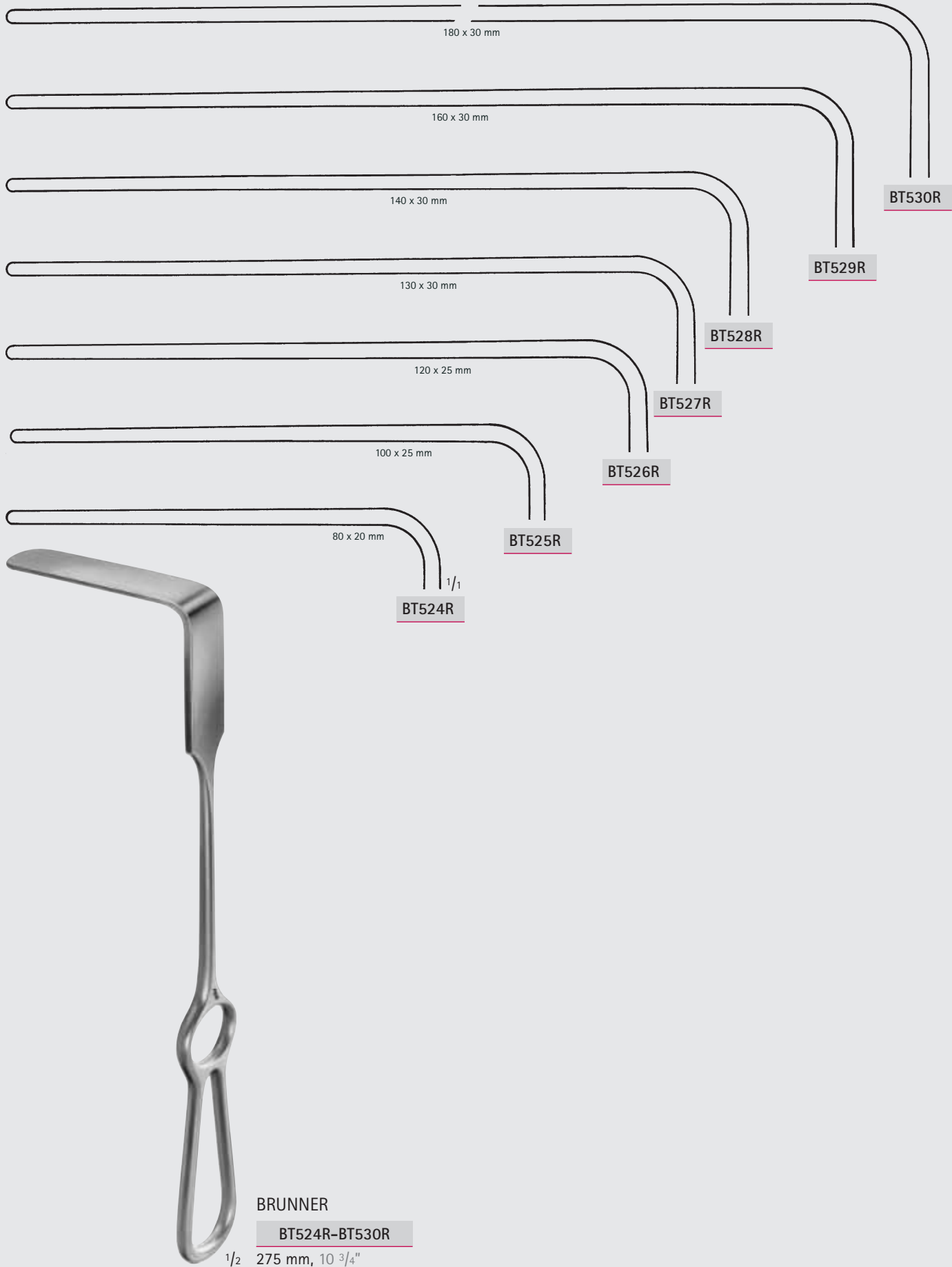




Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



Wundhaken – Wound Retractors

Varion-Wundhaken-System, DBP

Vario Retractor System, Germ. Fed. Patent

Maßangaben für Blattgrößen der Wundhaken

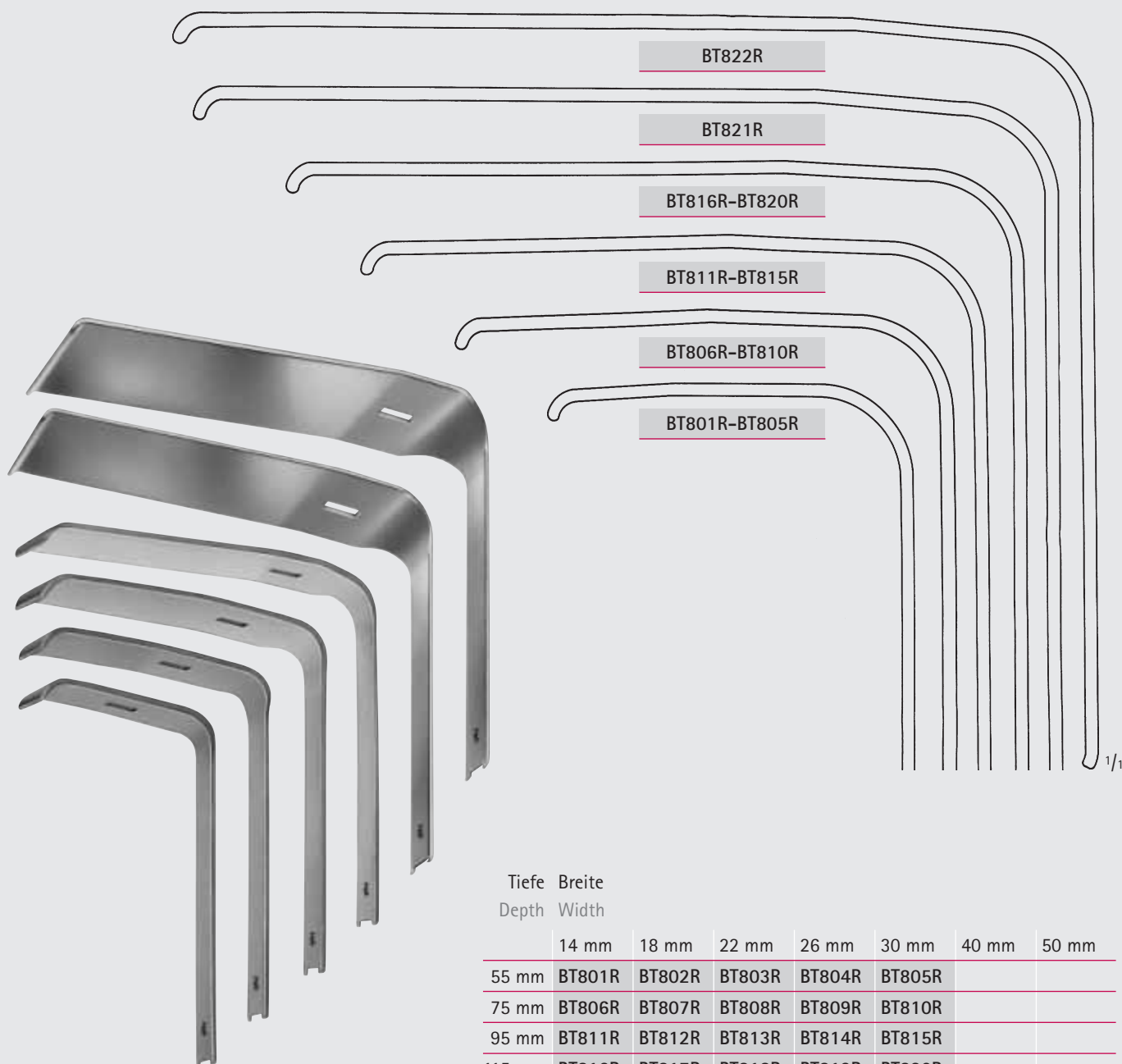
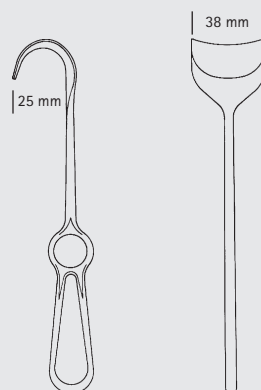
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



Wundhakenblätter
passend auf die Handgriffe
BT799R und BT800R.

Retractor blades
for handles
BT799R and BT800R.

Tiefe Depth	Breite Width						
	14 mm	18 mm	22 mm	26 mm	30 mm	40 mm	50 mm
55 mm	BT801R	BT802R	BT803R	BT804R	BT805R		
75 mm	BT806R	BT807R	BT808R	BT809R	BT810R		
95 mm	BT811R	BT812R	BT813R	BT814R	BT815R		
115 mm	BT816R	BT817R	BT818R	BT819R	BT820R		
135 mm						BT821R	
145 mm							BT822R



Wundhaken – Wound Retractors

Varion-Wundhaken-System, DBP
Vario Retractor System, Germ. Fed. Patent

Vario-Wundhaken-System mit integriertem Kaltlicht, zur zusätzlichen, intensiven Ausleuchtung des Operationsfeldes, speziell bei komplizierten, in die Tiefe gehenden Eingriffen.

Zu verwenden mit Aesculap Lichtquellen.

Vario retractor system with integrated cold light, for additional intensive illumination of deep and complicated operation fields.
To be used with Aesculap light sources.



BT800R

Handgriff mit Kaltlichtleiter,
zur Aufnahme von
Wundhakenblätter
Handle with cold light carrier
for retractor blades
280 mm, 11"

Griffstellung variabel
Handle arrangement variable



BT799R

Handgriff mit Kaltlichtleiter,
zur Aufnahme von
Wundhakenblättern
Handle with cold light carrier
for retractor blades
180 mm, 7"

BT



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken, Lungenspatel

Retractors, Lung Spatulas

Maßangaben für Blattgrößen der Wundhaken

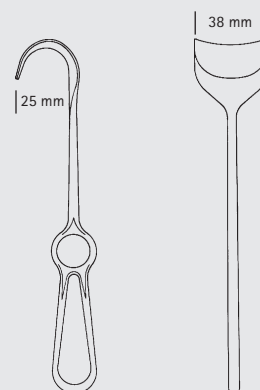
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

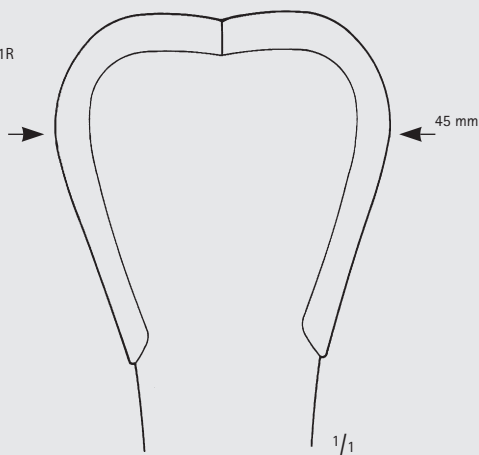
Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

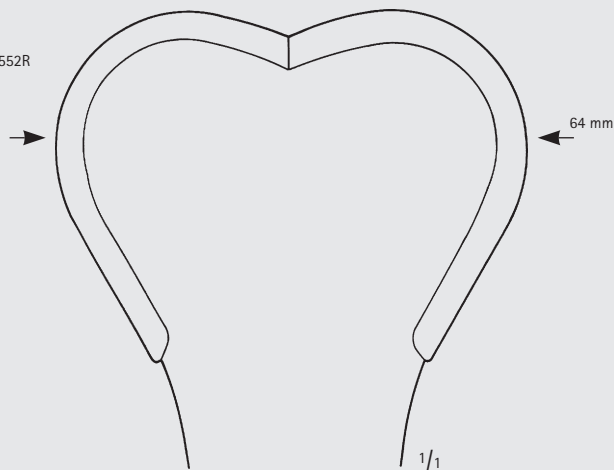
2nd number = width



BT551R



BT552R



HARRINGTON

BT551R 123 x 45 mm

BT552R 123 x 64 mm

federnd

flexible

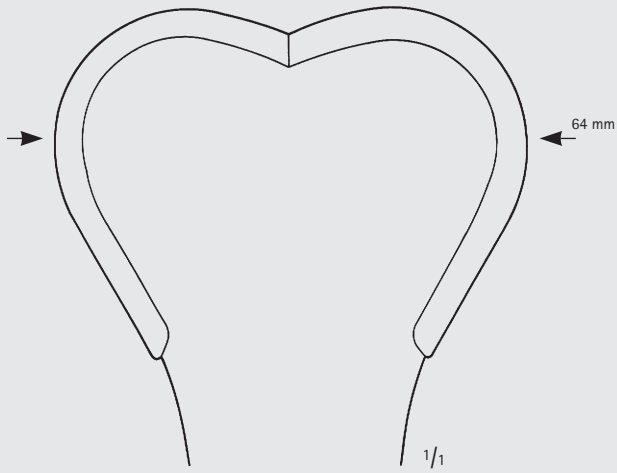
295 mm, 11 3/4"



Wundhaken – Wound Retractors

Wundhaken, Lungenspatel
Retractors, Lung Spatulas

BT



HARRINGTON-PEMBERTON

BT553R

175 x 64 mm

federnd

flexible



MILLIMETERS

Wundhaken – Wound Retractors

Lungenspatel

Lung Spatulas

Maßangaben für Blattgrößen der Wundhaken

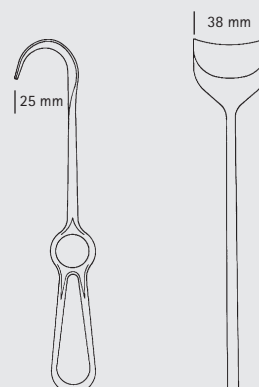
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

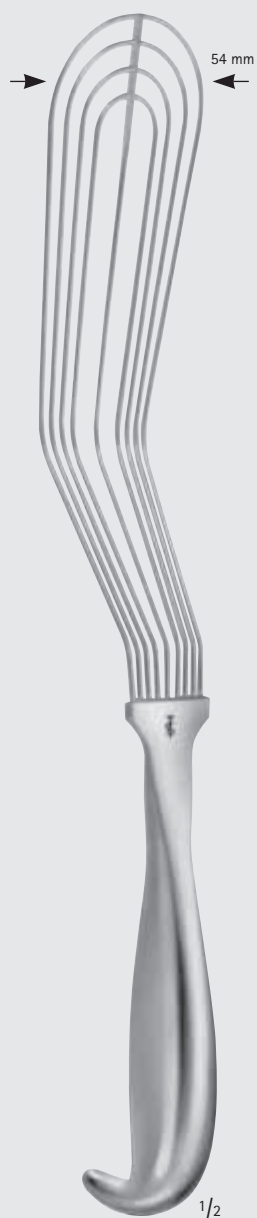
2nd number = width



ALLISON

BT559R

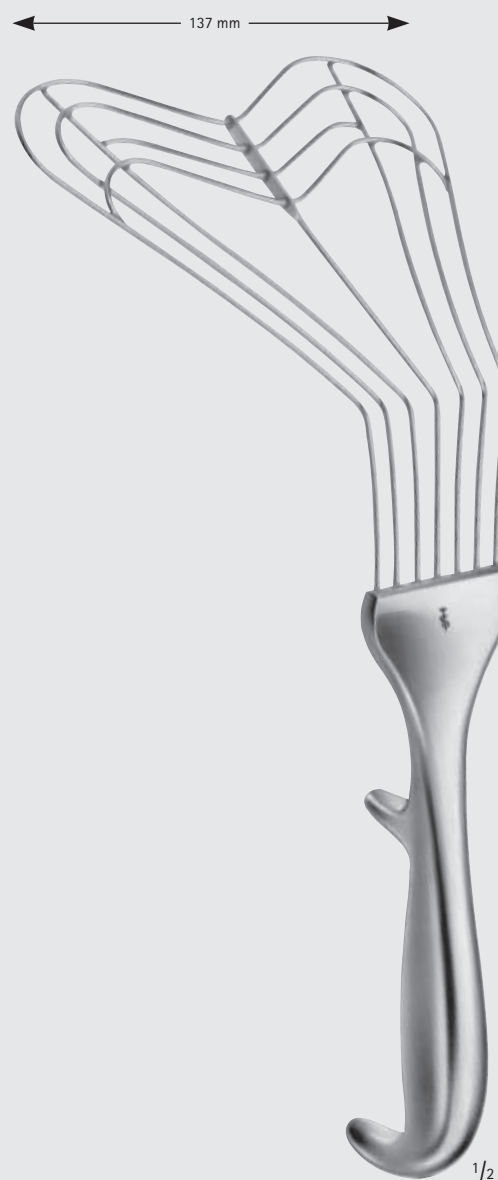
255 mm, 10"



ALLISON

BT560R

320 mm, 12 3/4"



ALLISON

BT561R

300 mm, 12"

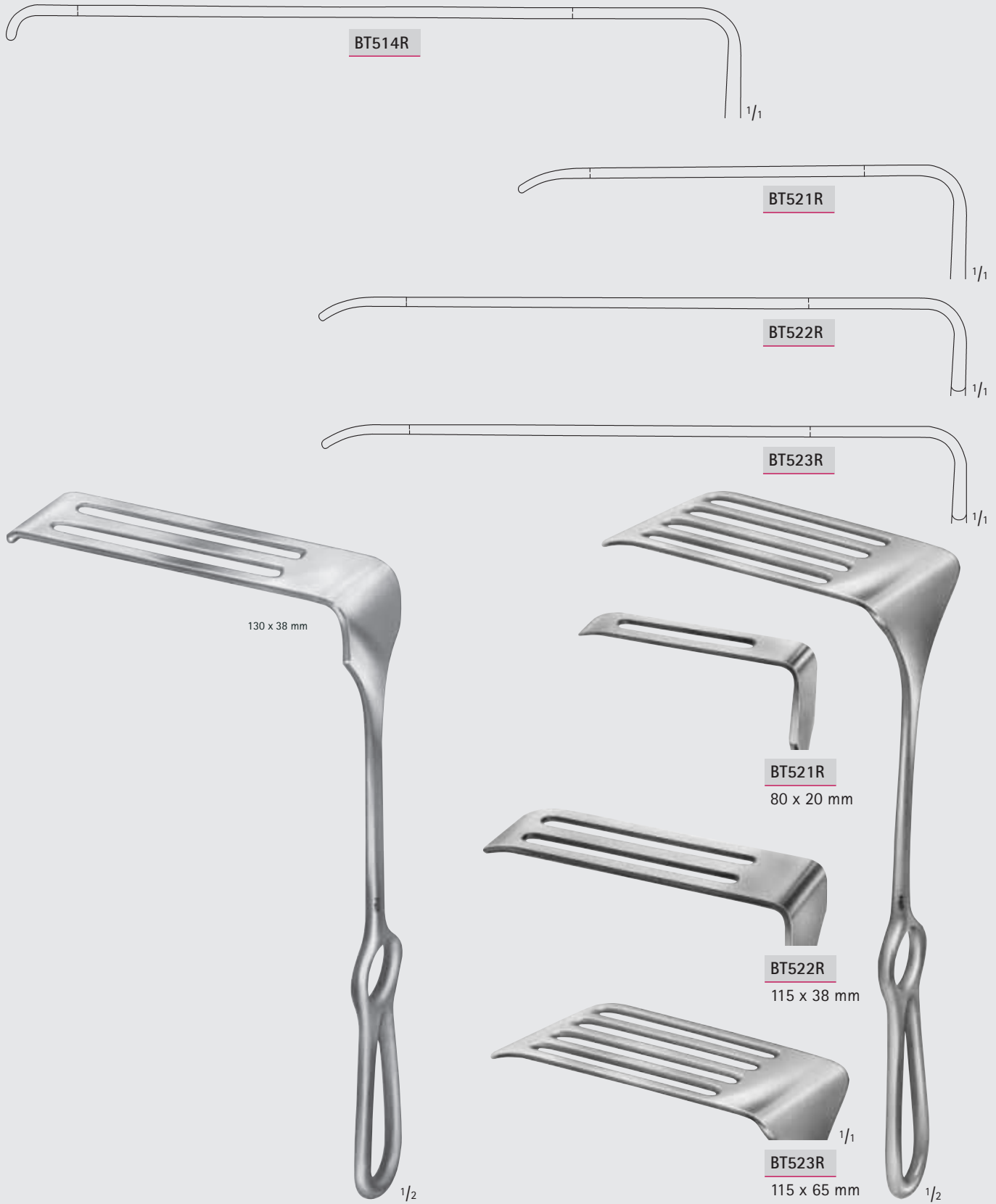
BT



Wundhaken – Wound Retractors

Wundhaken, Lungenspatel
Retractors, Lung Spatulas

BT



SAUERBRUCH

BT514R

260 mm, 10 1/4"

CORYLLOS

BT521R-BT523R

255 mm, 10"



MILLIMETERS

Wundhaken – Wound Retractors

Scapula Haken

Scapula Retractor

Maßangaben für Blattgrößen der Wundhaken

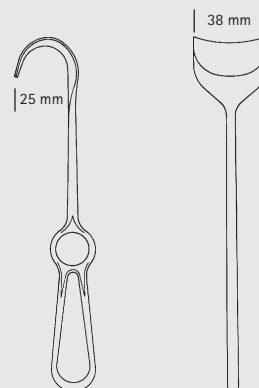
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



DAVIDSON

BT531R

195 mm, 7 3/4\"/>



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

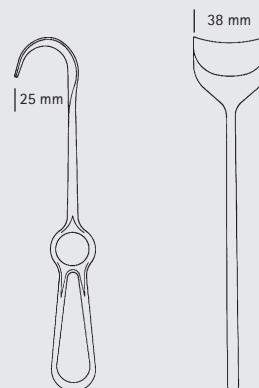
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



HASSON

MD076-MD077

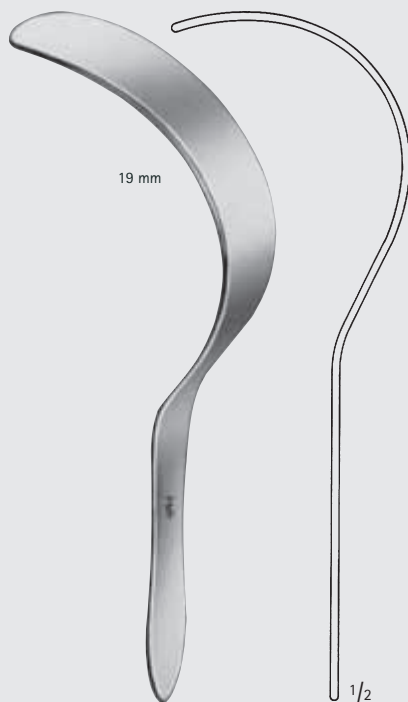
BT



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



DEAVER

BT600R

180 mm, 7"
Fig. 000



DEAVER

BT601R

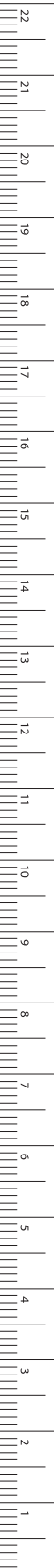
215 mm, 8 1/2"
Fig. 00



DEAVER

BT606R

235 mm, 9 1/4"
Fig. 0



Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

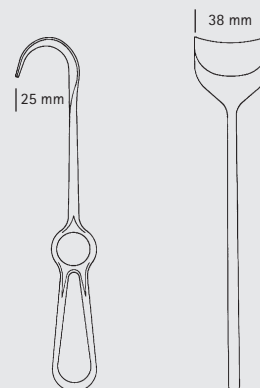
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



DEAYER

BT602R

Fig. 1
300 mm, 12"



DEAYER

BT603R

Fig. 2
315 mm, 12 1/2"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



DEAVER

BT607R

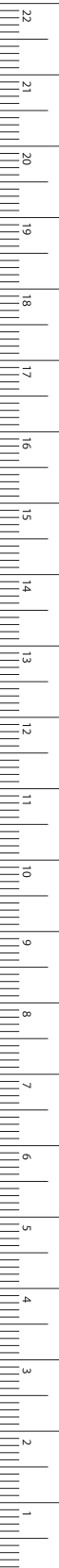
Fig. 2 1/2
365 mm, 14 1/2"



DEAVER

BT604R

Fig. 3
300 mm, 12"



Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

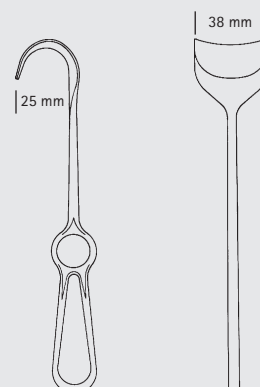
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width

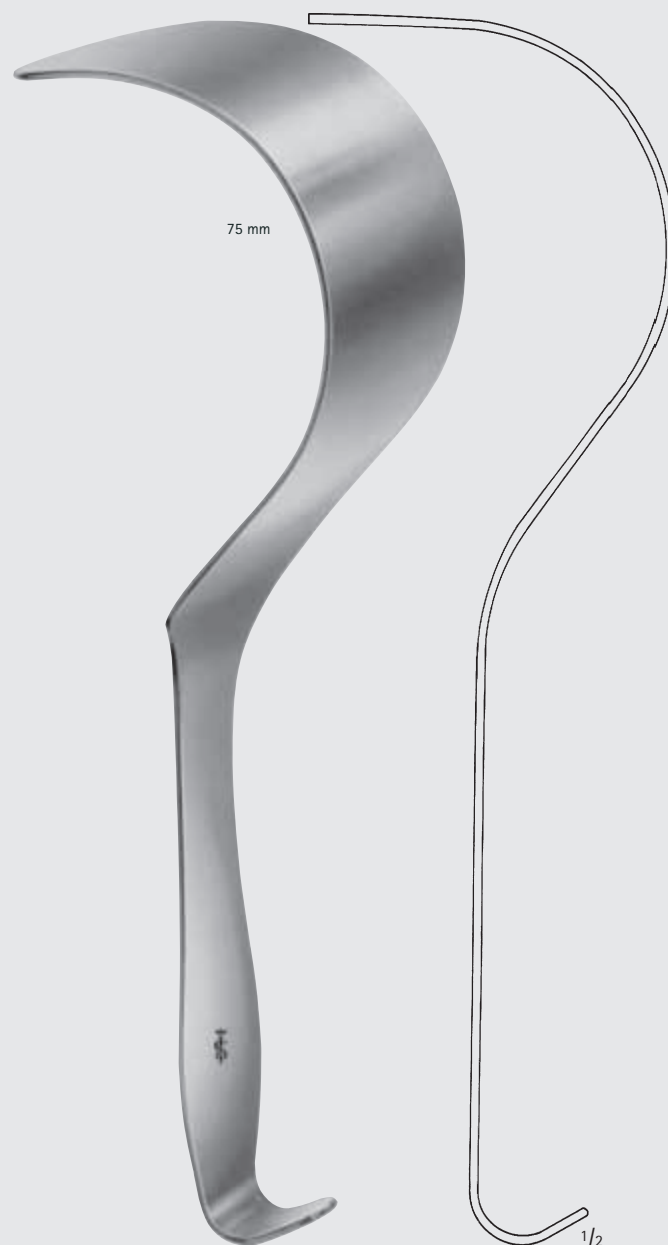


DEAVER

BT605R

Fig. 4

310 mm, 12 1/4"



DEAVER

BT608R

Fig. 5

320 mm, 12 3/4"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



DEAVER

BT611R

Fig. 1
310 mm, 12 1/4"



DEAVER

BT613R

Fig. 3
310 mm, 12 1/4"



Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

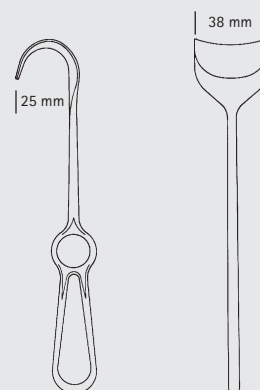
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



DEAVER

BT614R

Fig. 4

305 mm, 12"



DEAVER

BT615R

Fig. 5

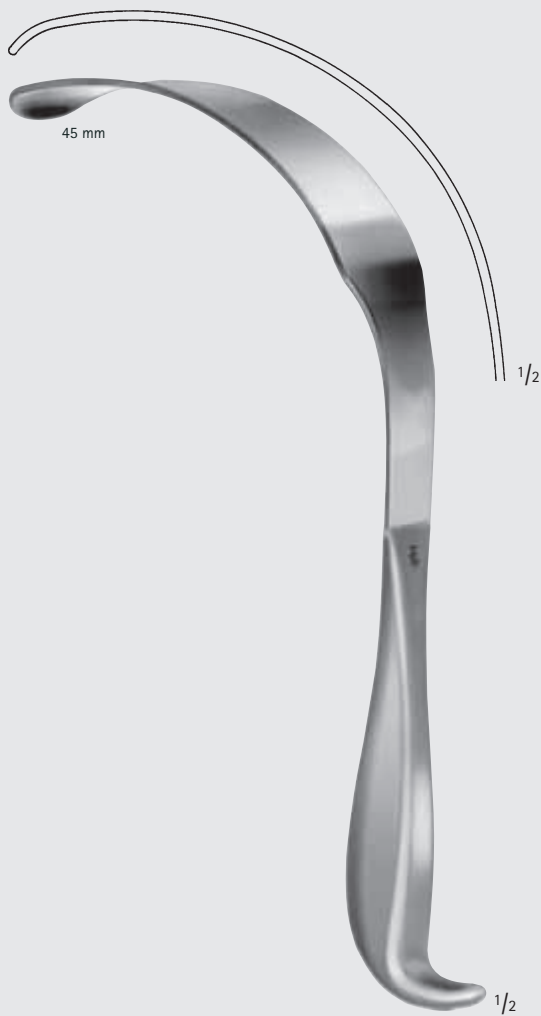
310 mm, 12 1/4"



Wundhaken – Wound Retractors

Wundhaken
Retractors

BT



LERICHE

BT730R

255 mm, 10"



LERICHE

BT732R

275 mm, 10 3/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken

Retractors

Maßangaben für Blattgrößen der Wundhaken

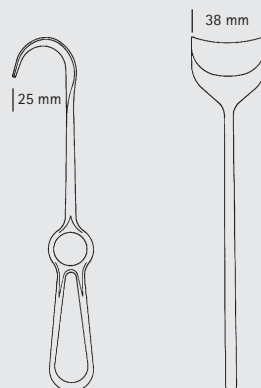
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



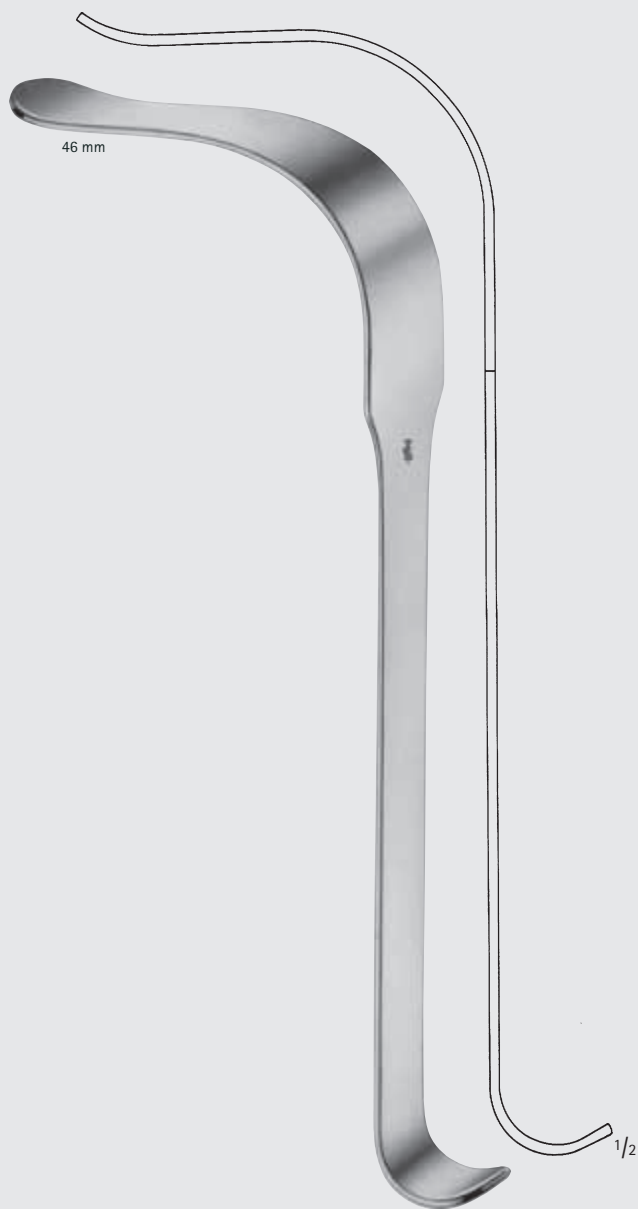
KÜMMEL

BT740R

biegsam

malleable

285 mm, 11 1/4"



KÖRTE

BT742R

300 mm, 12"

BT



Wundhaken – Wound Retractors

Wundhaken für Eingriffe in der Tiefe (Bauchdeckenhaken)

Retractors for Deep Surgery (Abdominal Retractors)

BT



MIKULICZ

BT618R

255 mm, 10"

MIKULICZ

BT621R

240 mm, 9 1/2"

MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken für Eingriffe in der Tiefe (Bauchdeckenhaken)

Retractors for Deep Surgery (Abdominal Retractors)

Maßangaben für Blattgrößen der Wundhaken

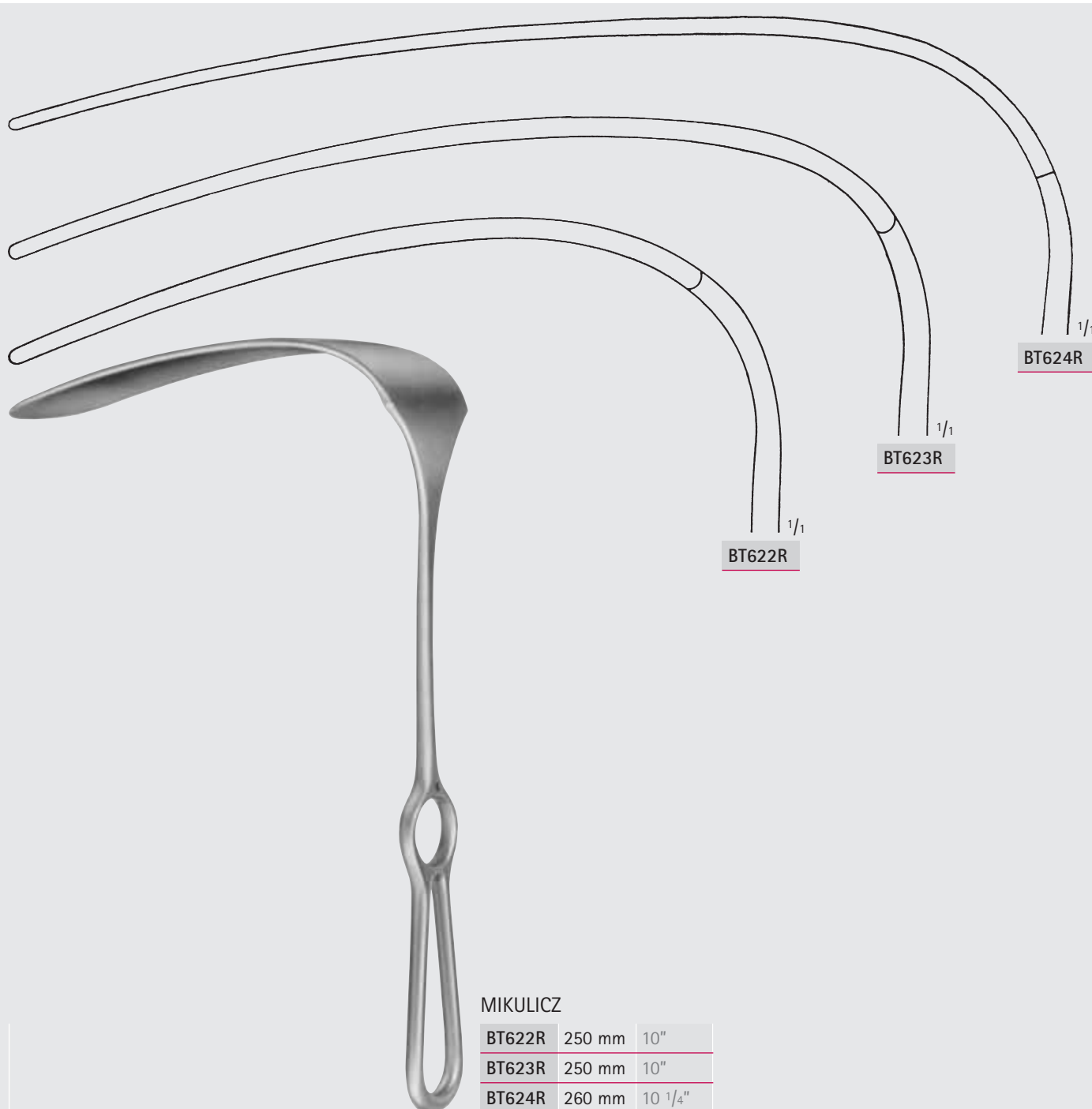
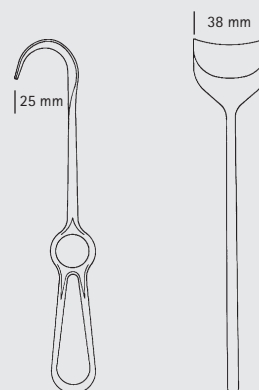
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



MIKULICZ

BT622R	250 mm	10"
BT623R	250 mm	10"
BT624R	260 mm	10 1/4"

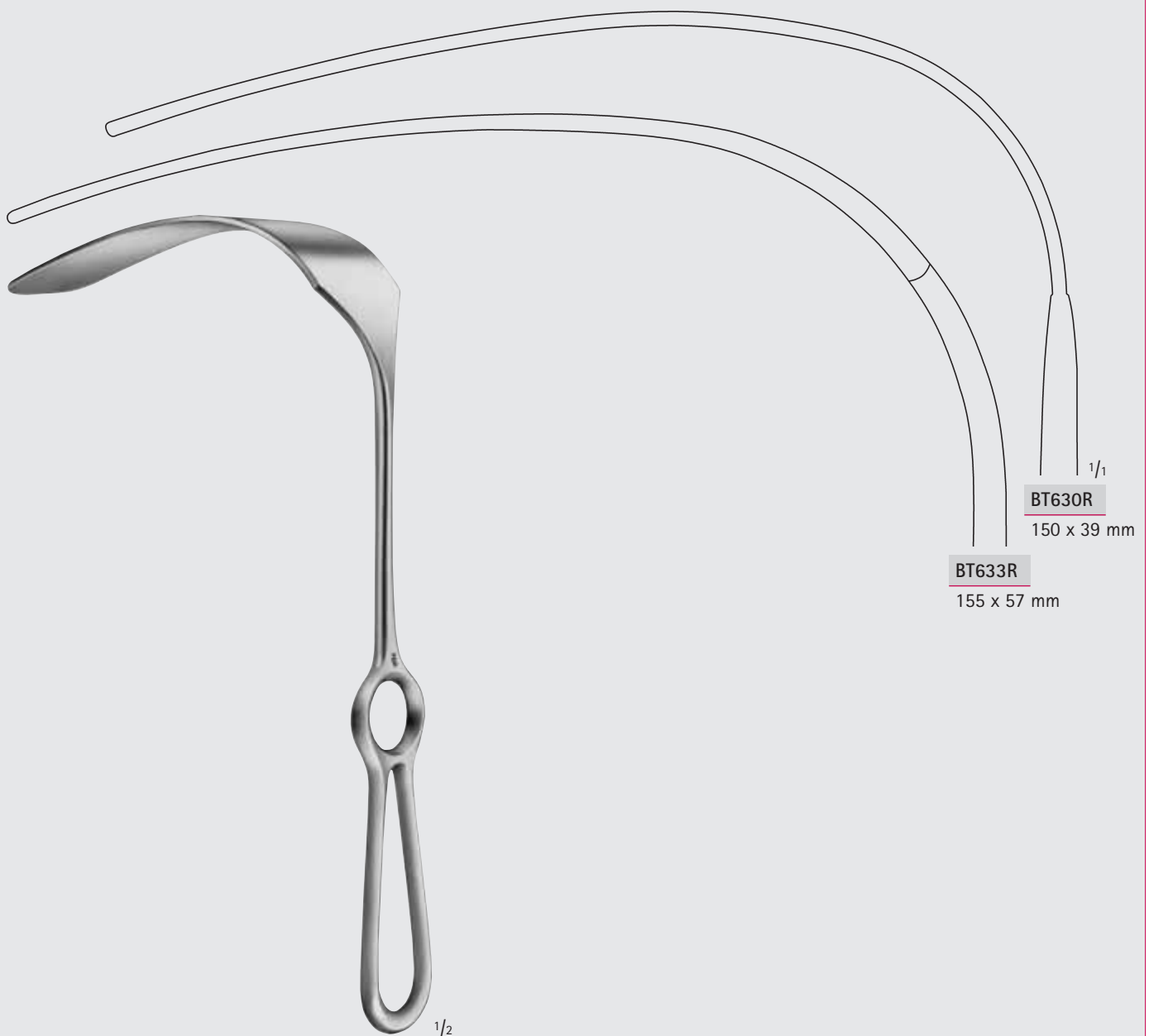


Wundhaken – Wound Retractors

Wundhaken für Eingriffe in der Tiefe (Bauchdeckenhaken)

Retractors for Deep Surgery (Abdominal Retractors)

BT



KELLY

BT630R-BT633R

260 mm, 10 1/4"

MILLIMETERS

Wundhaken – Wound Retractors

Pelvishaken

Pelvis Retractors

Maßangaben für Blattgrößen der Wundhaken

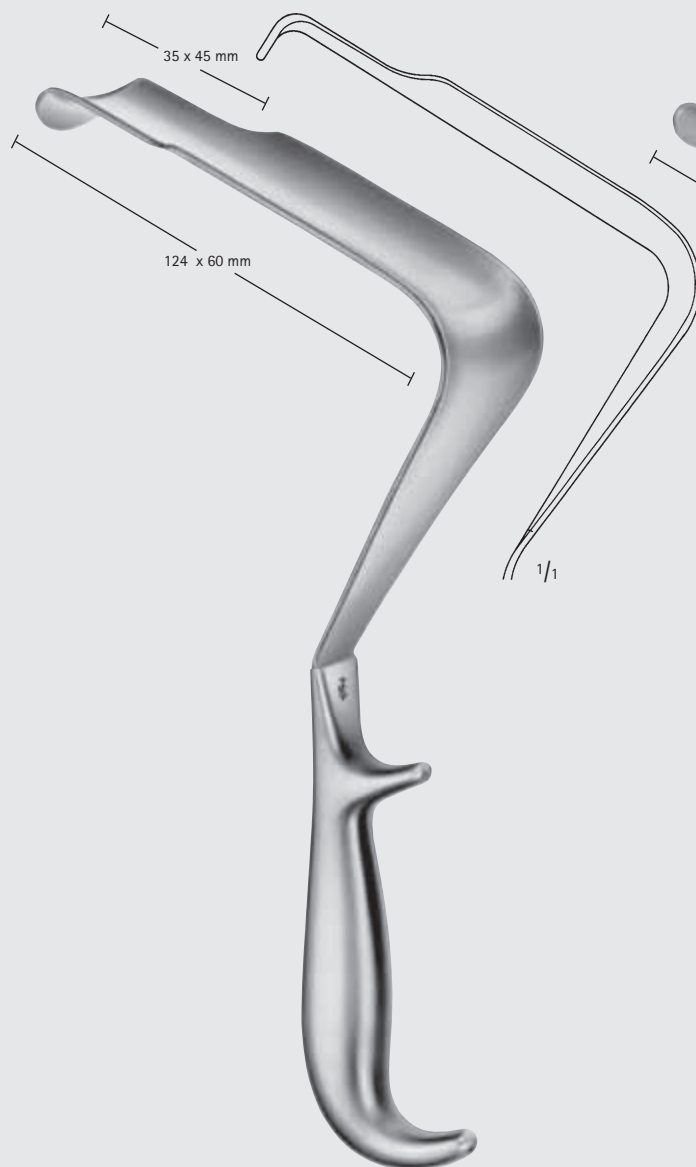
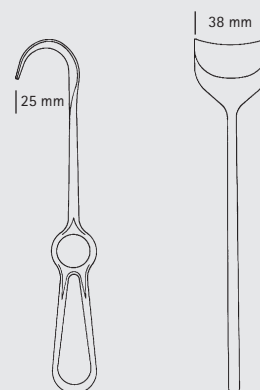
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

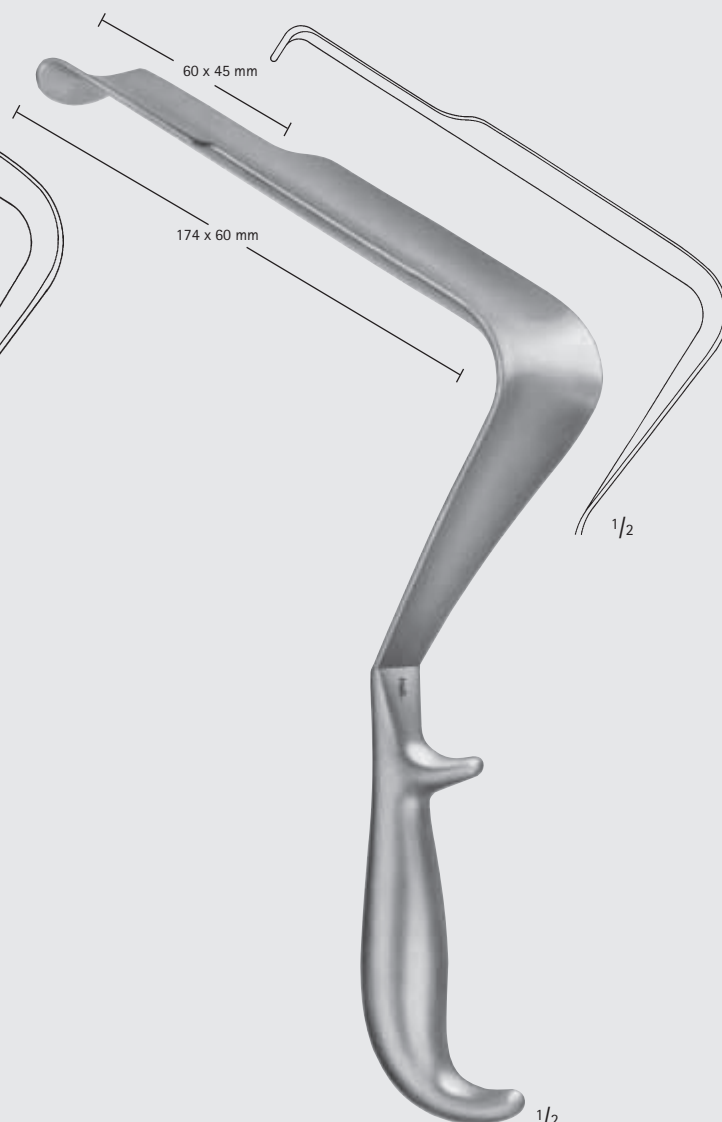
2nd number = width



ST. MARKS

BT670R

290 mm, 11 1/2"



ST. MARKS

BT672R

330 mm, 13 1/8"

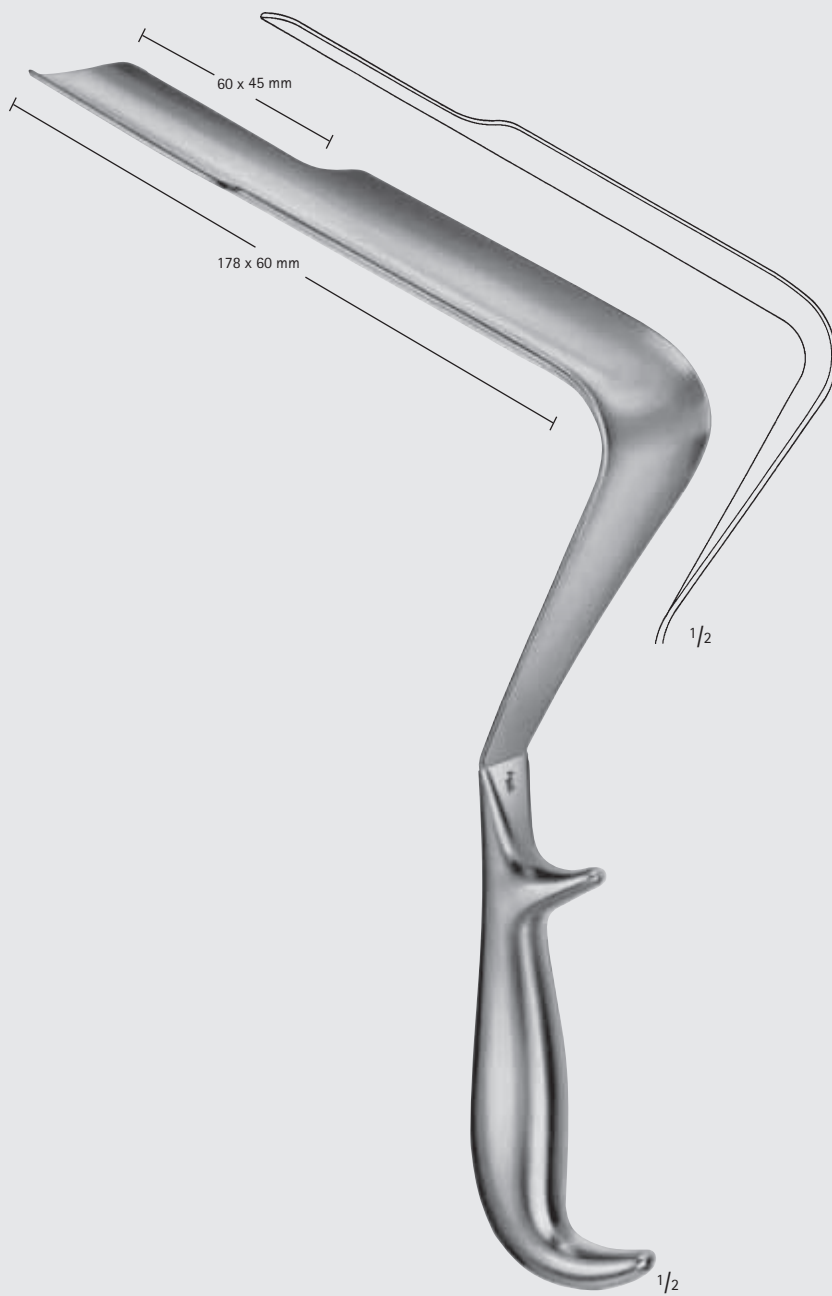
BT





Wundhaken – Wound Retractors
Pelvishaken
Pelvis Retractors

BT



ST. MARKS

BT674R

330 mm, 13 1/8"



Wundhaken – Wound Retractors

Wundhaken
Retractors

Maßangaben für Blattgrößen der Wundhaken

1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



MÜLLER

BT626R

270 mm, 10 ³/₄"

BT

INCHES



Wundhaken – Wound Retractors

Wundhaken, Bauchdeckenhaken
Retractors, Abdominal Retractors

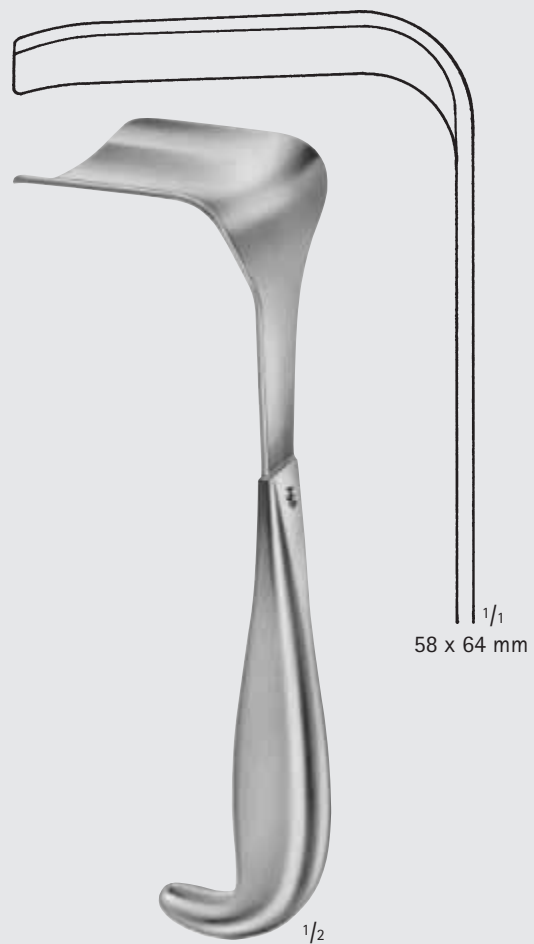
BT



TUDOR-EDWARDS

BT500R

205 mm, 8"



TUFFIER

BT617R

215 mm, 8 1/2"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken, Bauchdeckenhaken

Retractors, Abdominal Retractors

Maßangaben für Blattgrößen der Wundhaken

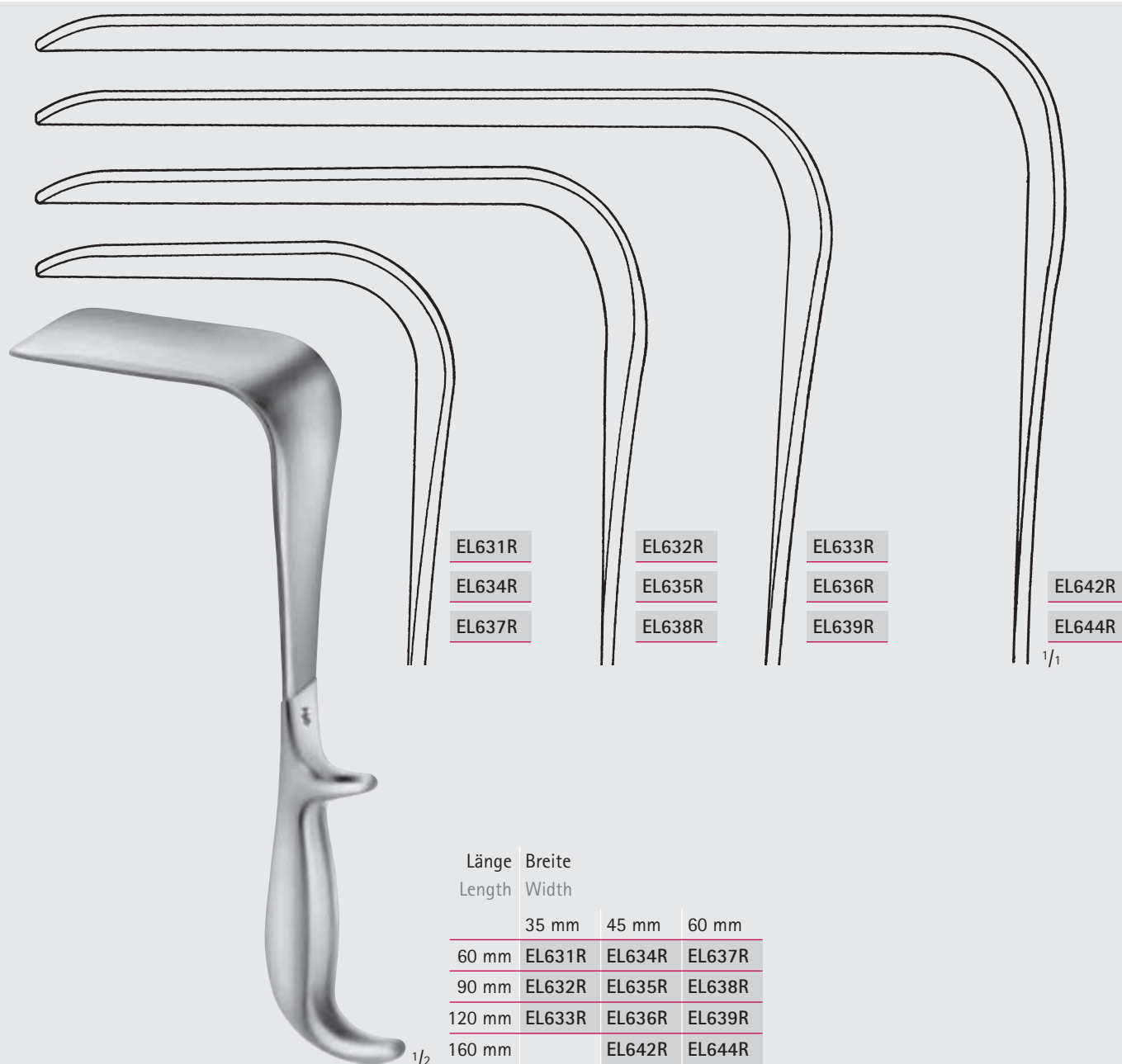
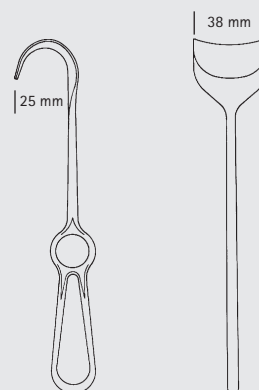
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

2nd number = width



Länge Length	Breite Width		
	35 mm	45 mm	60 mm
60 mm	EL631R	EL634R	EL637R
90 mm	EL632R	EL635R	EL638R
120 mm	EL633R	EL636R	EL639R
160 mm		EL642R	EL644R

DOYEN

EL631R-EL644R

240 mm, 9 1/2"

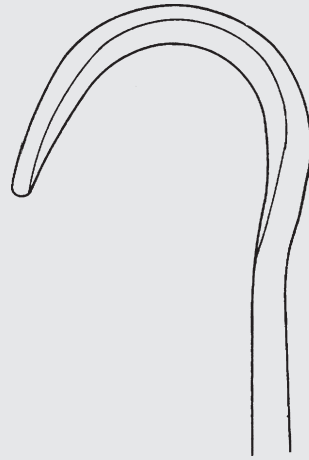
BT



Wundhaken – Wound Retractors

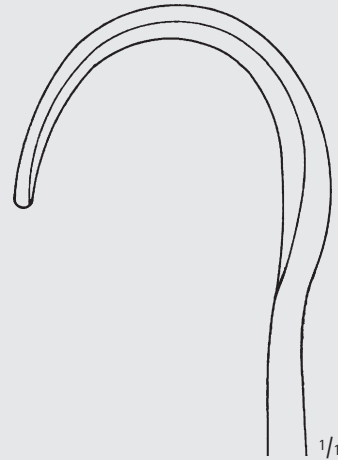
Wundhaken, Bauchdeckenhaken
Retractors, Abdominal Retractors

BT



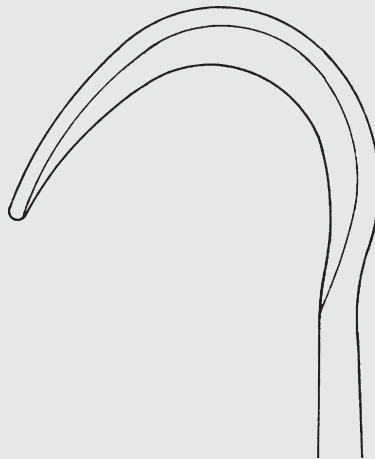
BT655R

Fig. 1
32 x 40 mm



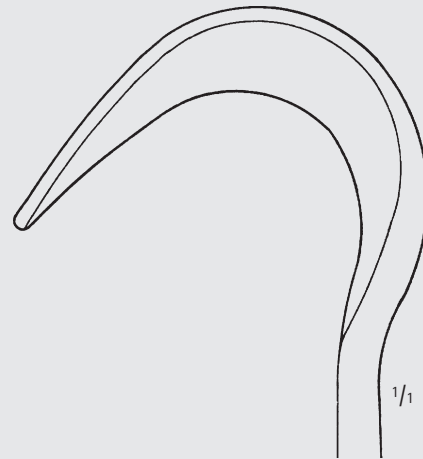
BT656R

Fig. 2
34 x 50 mm



BT657R

Fig. 3
41 x 60 mm



BT658R

Fig. 4
46 x 75 mm



BT659R

Fig. 5
64 x 85 mm

FRITSCH

BT655R-BT659R

235 mm, 9 1/4"



MILLIMETERS

Wundhaken – Wound Retractors

Wundhaken, Bauchdeckenhaken

Retractors, Abdominal Retractors

Maßangaben für Blattgrößen der Wundhaken

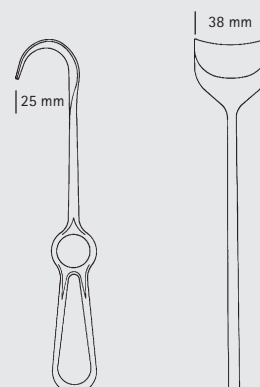
1. Zahl = Tiefe Beispiel: 25 x 38 mm

2. Zahl = Breite

Dimensions for blade size of retractors

1st number = depth Example: 25 x 38 mm

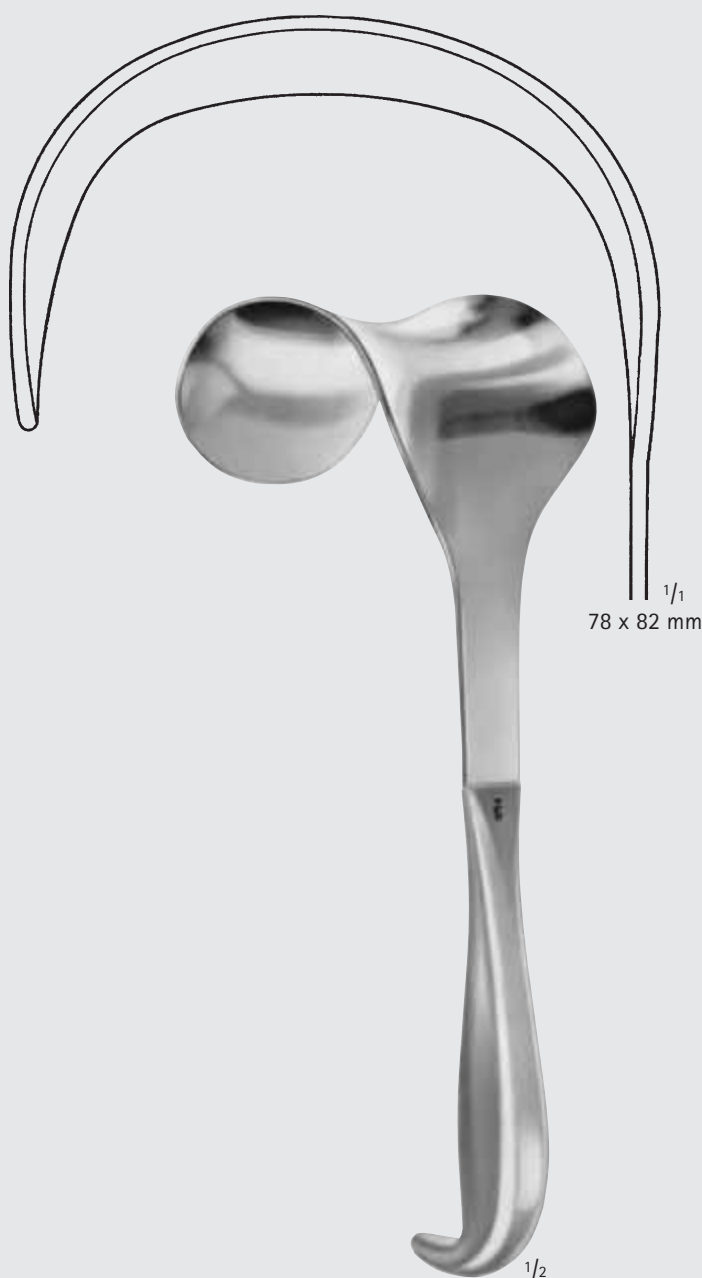
2nd number = width



DOYEN

BT667R

250 mm, 10"



DOYEN

BT669R

260 mm, 10 1/4"



Wundhaken – Wound Retractors

Bauchdeckenhaken
Abdominal Retractors

BT



$\frac{1}{3}$

DOYEN

BT721R	48 x 90 mm
BT723R	48 x 105 mm
BT724R	48 x 120 mm
BT725R	48 x 135 mm

280 mm, 11"



BT703R

Kette (BT704R) mit Gewicht (EL747R/645 g)
Chain (BT704R) with weight (EL747R/645 g)
790 mm, 31"

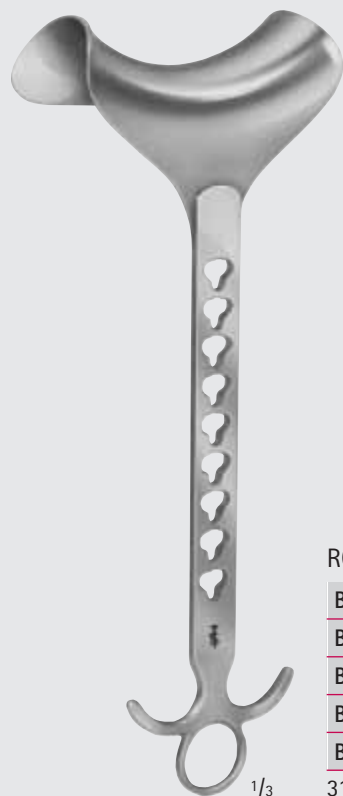


MILLIMETERS

Wundhaken – Wound Retractors

Bauchdeckenhaken

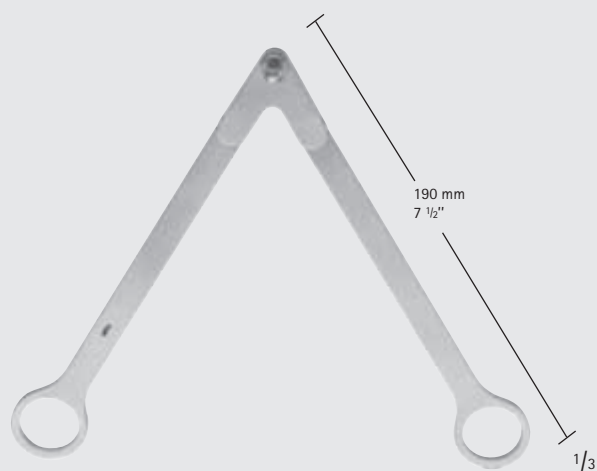
Abdominal Retractors



ROCHARD

BT711R	48 x 90 mm
BT712R	48 x 105 mm
BT713R	48 x 120 mm
BT714R	48 x 135 mm
BT715R	48 x 155 mm

310 mm, 12 1/4"



ROCHARD

BT710R

Fixiervorrichtung für
BT711R - BT715R

Fixation device for
BT711R - BT715R

190 mm, 8"



ROCHARD

BT710R-BT711R



Wundhaken – Wound Retractors

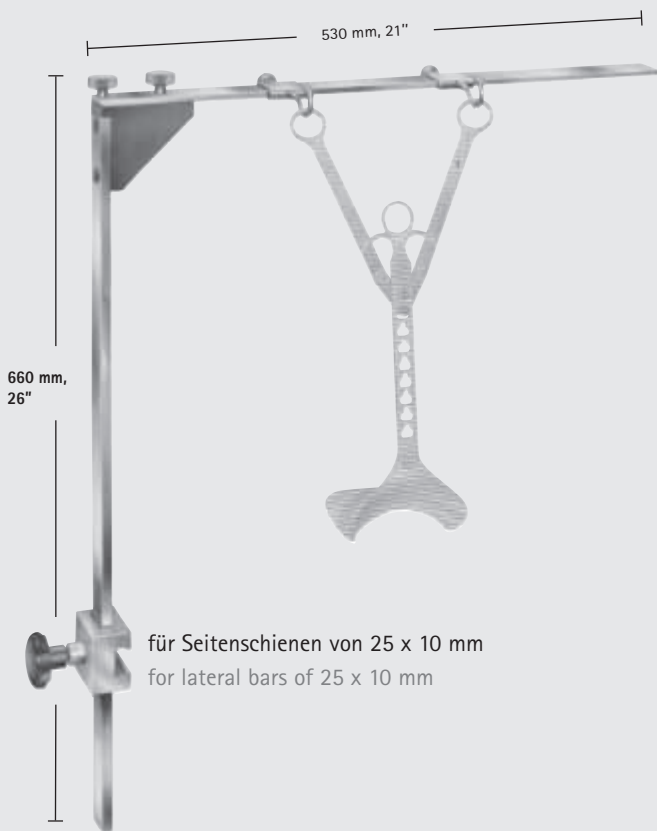
Bauchdeckenhaken

Abdominal Retractors

BT

Befestigungsgestelle zu verwenden mit:
BT710R Fixiervorrichtung und
BT711R – BT715R ROCHARD Bauchdeckenhalter

Mounting frames to be used with:
BT710R Fixation device and
BT711R – BT715R ROCHARD abdominal retractors

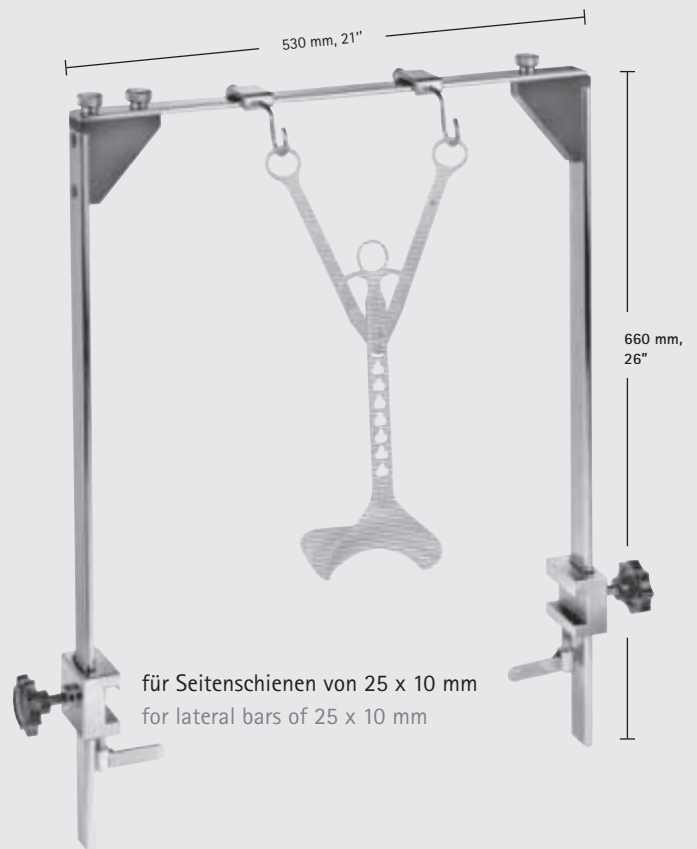


ROCHARD

BT709R

Befestigungsgestell zur Fixierung an den Seitenschienen der OP-Tische, zerlegbar zur Aufbereitung und Sterilisation.

Mounting frame for fastening to the lateral bars of the operating tables, can be dismantled for decontamination and sterilization.



ROCHARD

BT708R

Befestigungsgestell mit beidseitiger Fixierung an den Seitenschienen der OP-Tische, dadurch mehr Stabilität, zur Aufbereitung und Sterilisation zerlegbar.

Mounting frame for fastening to both sides of the is given, can be dismantled for decontamination and sterilization.



Wundhaken – Wound Retractors

Bauch- und Darmspatel

Abdominal and Intestinal Spatulas

BT

REVERDIN

BT749R

285 mm, 11 1/4"

HABERER

BT758R

biegsam
malleable

305 mm, 12"

RIBBON

BT756R	25 mm
BT761R	30 mm
BT762R	40 mm
BT763R	50 mm

biegsam
malleable

330 mm, 13 1/8"

TUFFIER

BT750R

biegsam
malleable

200 mm, 8"

BT751R	12 mm	200 mm	8"
BT752R	17 mm	200 mm	8"
BT755R	25 mm	250 mm	10"

biegsam
malleable

Wundhaken – Wound Retractors

Prostata- und Urethra-Reraktoren

Prostate- and Urethral Retractors

BT



BT680R

Prostata-Retractor

Prostate retractor

360 mm, 14 $\frac{3}{8}$ "



BT681R

Urethra-Retractor

Urethral retractor

390 mm, 15 $\frac{1}{2}$ "



Wundhaken – Wound Retractors

Kropflöffel, Blutschöpfer
Depressor, Blood Scoops

BT



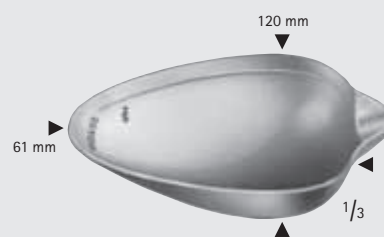
KOCHER

BT795R

Kropflöffel

Depressor, spoon shaped

220 mm, 8 $\frac{3}{4}$ "



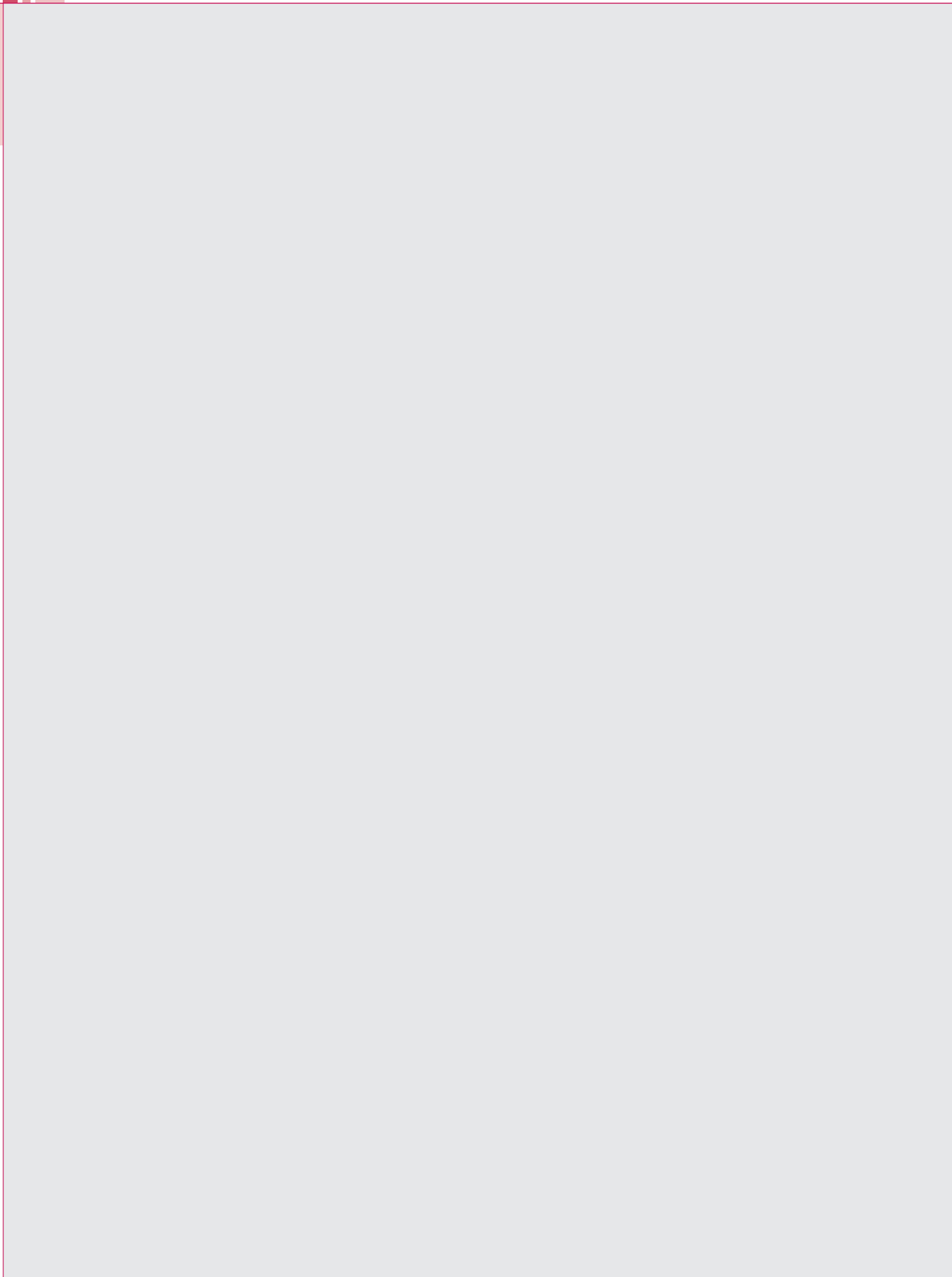
BT780R

Blutschöpfer, 50 ccm

Blood scoop, 3 cu. inches



MILLIMETERS





BV



Wundspreizer, Bauchdeckenhalter
Self-Retaining Retractors,
Abdominal Retractors

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

BV



BOSE

FA001R

60 mm, 2 3/8"



FINSEN

BV001R

50 mm, 2"



FINSEN

BV002R

70 mm, 2 3/4"



FINSEN MODIF.

BV003R

75 mm, 3"



FINSEN

BV005R

70 mm, 2 3/4"



BV006R

45 mm, 1 3/4"



BV007R

55 mm, 2 1/8"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

BV



PARSONNET

BV014R

50 mm, 2"



BV008R

stumpf
blunt

100 mm, 4"



BV015R

scharf
sharp

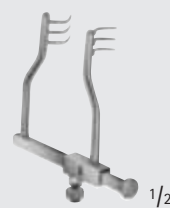
100 mm, 4"



ALM

BV010R-BV011R

BV010R	BV011R
70 mm	100 mm
2 3/4"	4"



LOGAN
MODIF. REILL

BV013R

50 mm, 2"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer, Lidsperrer

Self-Retaining Retractors, Lid Retractors

BV



ALLPORT

BV028R

95 mm, 3 3/4"



JANSEN

BV030R

100 mm, 4"



JANSEN

BV032R

100 mm, 4"



JANSEN

BV033R

100 mm, 4"



BARRAQUER

OA200R

45 mm, 1 3/4"



SAUER

OA218R

35 mm, 1 3/8"



LANCASTER

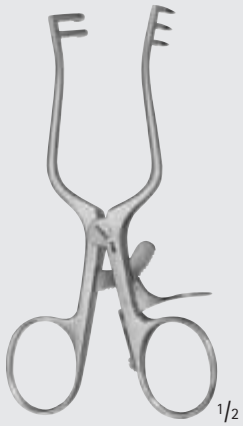
OA225R

80 mm, 3 1/8"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

BV



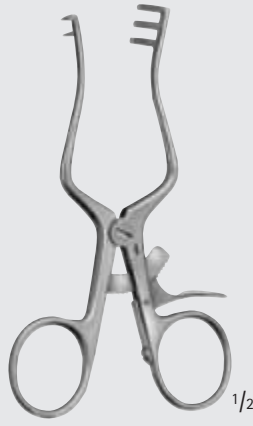
WEITLANER

BV070R

scharf

sharp

110 mm, 4 3/8"



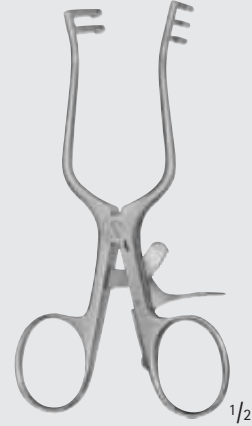
WEITLANER

BV066R

halbscharf

semi-sharp

110 mm, 4 3/8"



WEITLANER

BV073R

stumpf

blunt

110 mm, 4 3/8"



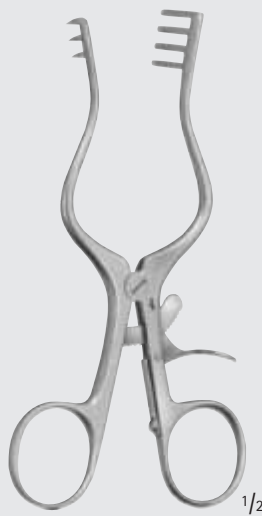
WEITLANER

BV071R

scharf

sharp

130 mm, 5 1/8"



WEITLANER

BV067R

halbscharf

semi-sharp

130 mm, 5 1/8"



WEITLANER

BV074R

stumpf

blunt

130 mm, 5 1/8"



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

BV



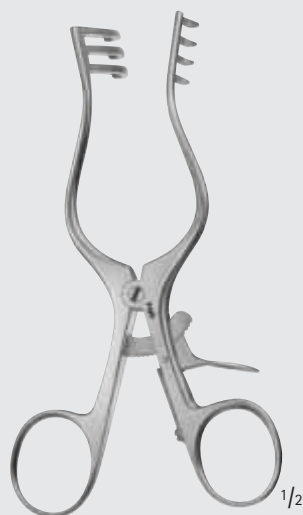
WEITLANER

BV101R

scharf

sharp

130 mm, 5 1/8"



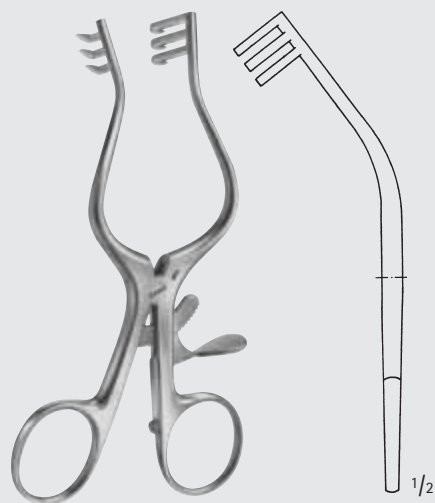
WEITLANER

BV104R

stumpf

blunt

130 mm, 5 1/8"



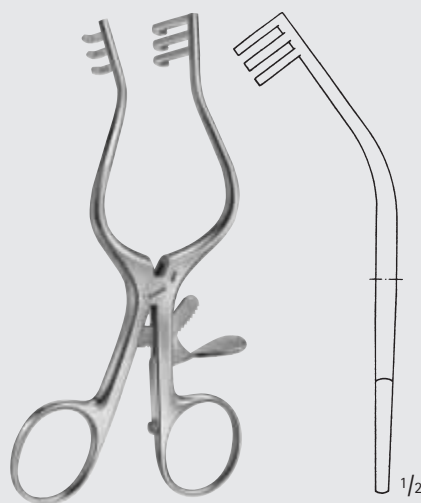
WULLSTEIN

BV076R

scharf

sharp

130 mm, 5 1/8"



WULLSTEIN

BV077R

stumpf

blunt

130 mm, 5 1/8"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

BV



WEITLANER

BV072R

scharf

sharp

165 mm, 6 1/2"



WEITLANER

BV068R

halbscharf

semi-sharp

165 mm, 6 1/2"



WEITLANER

BV075R

stumpf

blunt

165 mm, 6 1/2"

20 x 12 mm



ALLENBERG

BV097R

Carotis-Sperrer komplett,
bestehend aus:

BV098R Sperrer allein, stumpf

BV099R Mittelblatt allein,
120 mm, 4 3/4"

Carotid retractor complete,
consisting of:

BV098R Retractor only, blunt

BV099R Center blade only,
120 mm, 4 3/4"

170 mm, 6 3/4"

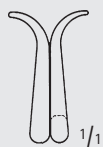


Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

BV



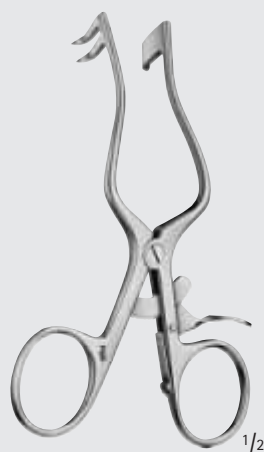
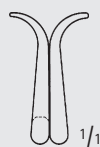
PLESTER

BV090R

stumpf

blunt

110 mm, 4 3/8"



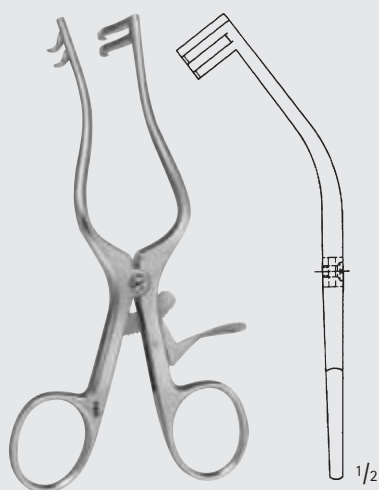
PLESTER

BV091R

stumpf

blunt

110 mm, 4 3/8"



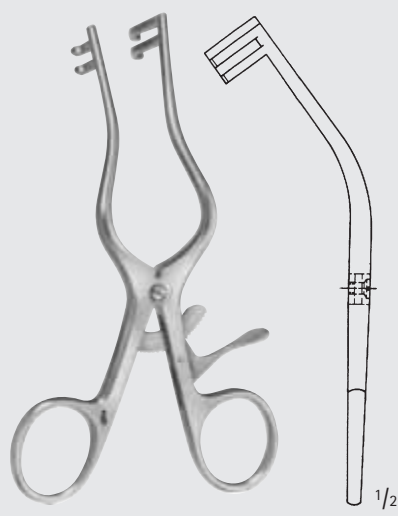
PLESTER

BV078R

scharf

sharp

130 mm, 5 1/8"



PLESTER

BV079R

stumpf

blunt

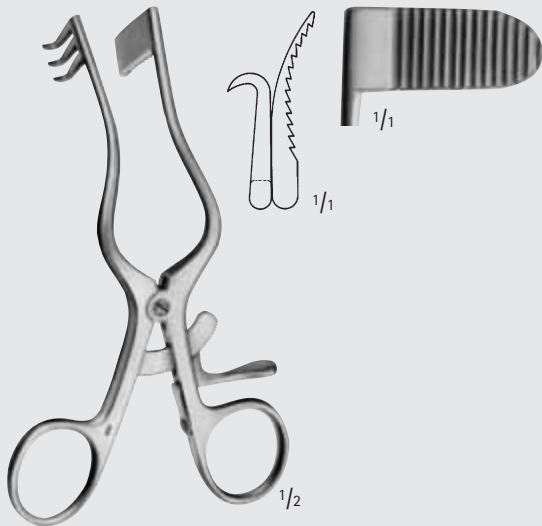
130 mm, 5 1/8"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

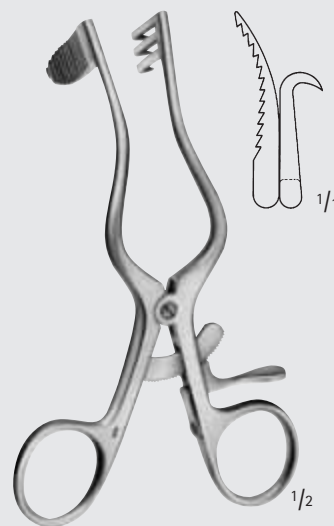
BV



PERKINS

OK794R

130 mm, 5 1/8"



PERKINS

OK795R

130 mm, 5 1/8"



RNTNE HOSPITAL

BV084R

scharf

sharp

165 mm, 6 1/2"



ADSON-BABY

BV085R 140 mm 5 1/2"

BV094R 165 mm 6 1/2"

halbscharf

semi-sharp



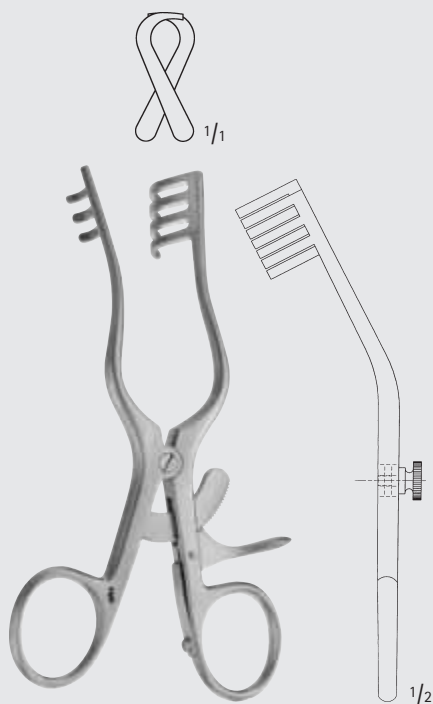
MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

BV



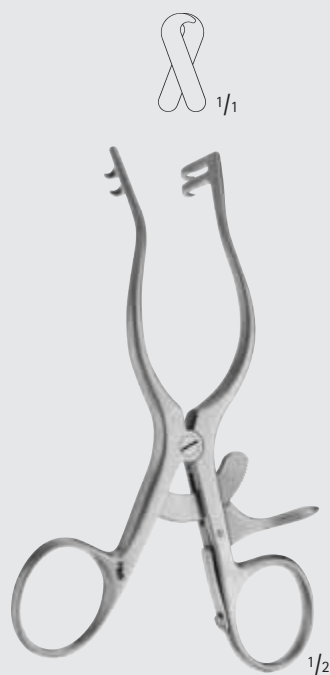
JEFFERSON

BV092R

gebogen, stumpf

curved, blunt

140 mm, 5 1/2"



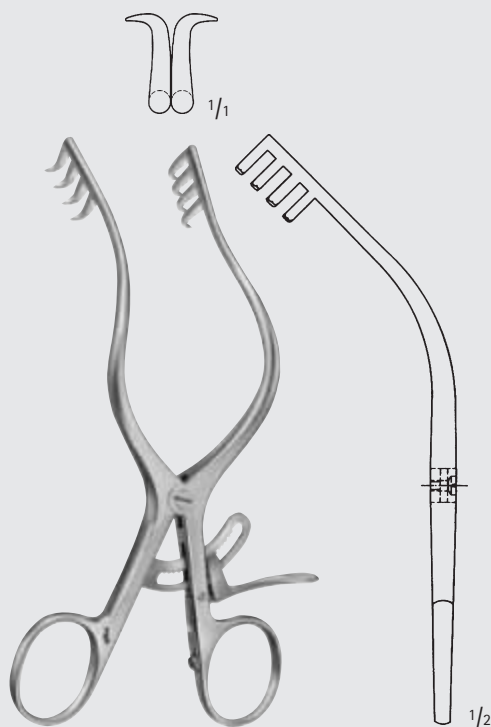
MOLLISON

BV093R

scharf

sharp

140 mm, 5 1/2"



MOLLISON

BV088R

scharf

sharp

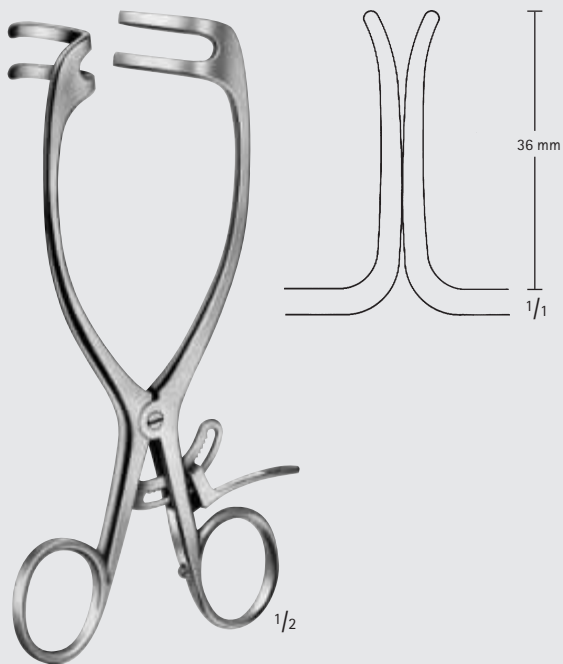
155 mm, 6"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

BV



MAYO-ADAMS

BV112R

165 mm, 6 1/2"



HENDERSON

BV113R

scharf

sharp

180 mm, 7"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

BV



WEITLANER

BV199R-BV209R



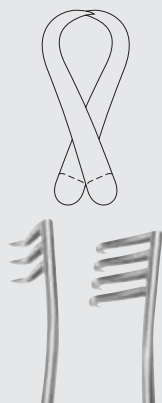
BV200R

scharf

sharp

195 mm

7 3/4"



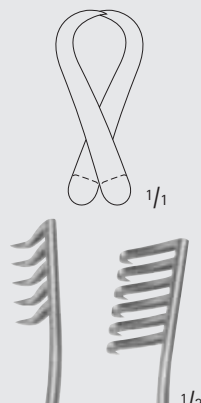
BV206R

scharf

sharp

240 mm

9 1/2"



BV208R

scharf

sharp

255 mm

10"



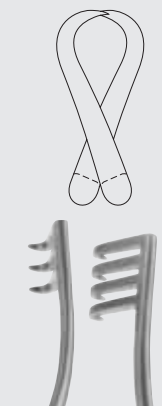
BV199R

halbscharf

semi-sharp

195 mm

7 3/4"



BV203R

halbscharf

semi-sharp

240 mm

9 1/2"



BV205R

halbscharf

semi-sharp

255 mm

10"



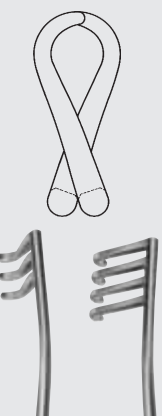
BV201R

stumpf

blunt

195 mm

7 3/4"



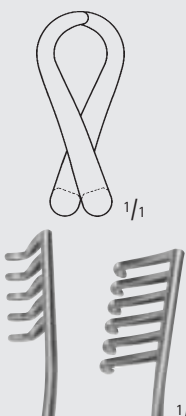
BV207R

stumpf

blunt

240 mm

9 1/2"



BV209R

stumpf

blunt

255 mm

10"

INCHES



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer
Self-Retaining Retractors

BV



1/1



1/2

IRWIN

BV247R

scharf

sharp

175 mm, 7"



1/1



1/2

TRAVERS

BV249R

stumpf

blunt

215 mm, 8"



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer

Self-Retaining Laminectomy Retractors

BV



ANDERSON-ADSON

BV250R

scharf

sharp

190 mm, 7 1/2"



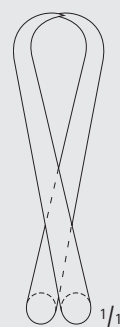
NORFOLK AND NORWICH

BV248R

stumpf

blunt

220 mm, 8 3/4"



ADSON

BV252R

scharf

sharp

265 mm, 10 1/2"

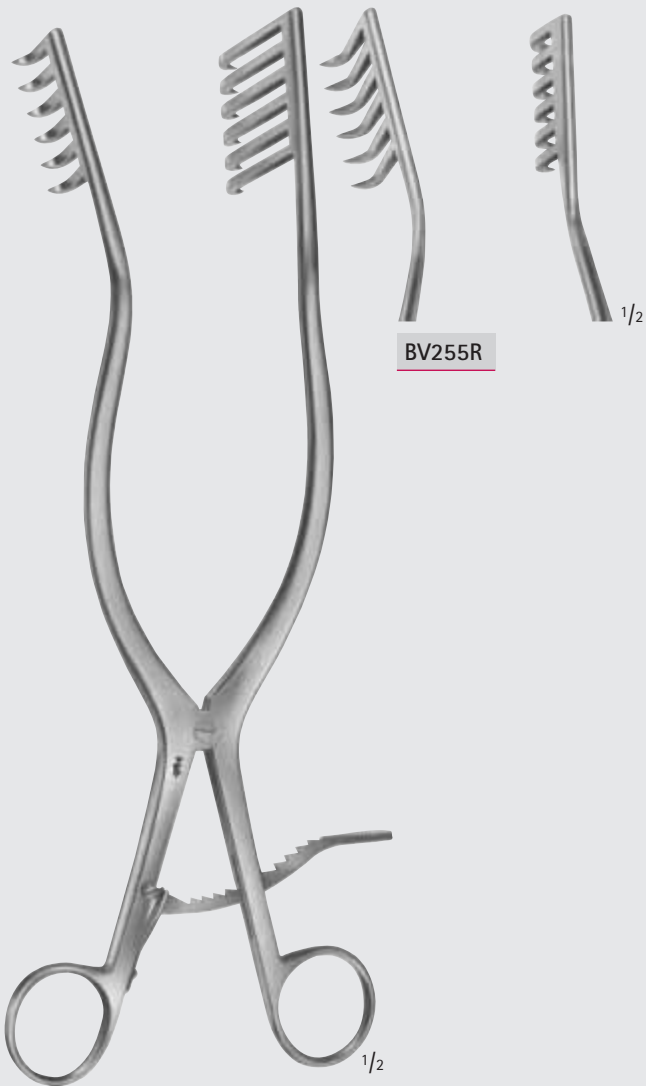
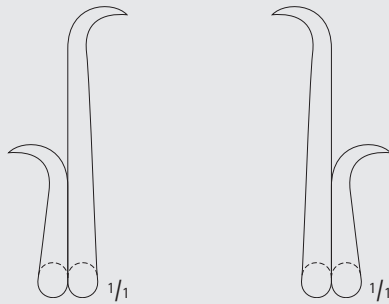


Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer

Self-Retaining Laminectomy Retractors

BV



BV255R

BV254R-BV255R

Hemilaminektomiespreizer
scharf
Hemi-laminectomy retractor
sharp
280 mm, 11"



CONE

BV260R

scharf
sharp
265 mm, 10 1/2"



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer

Self-Retaining Laminectomy Retractors



BECKMANN-ADSON

BV271R

halbscharf
semi-sharp
310 mm, 12"

BECKMANN-ADSON

BV272R

scharf
sharp
310 mm, 12"



HARVEY-JACKSON

BV258R

scharf
sharp
280 mm, 11"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer

Self-Retaining Laminectomy Retractors



1/1



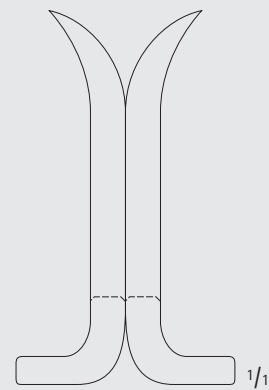
ADSON

BV273R

halbscharf

semi-sharp

320 mm, 12 3/4"



1/1



BECKMANN-EATON

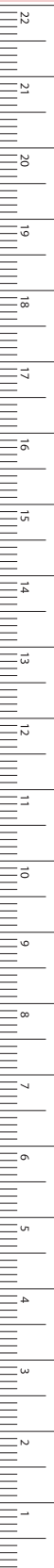
BV276R

scharf

sharp

320 mm, 12 3/4"

BV



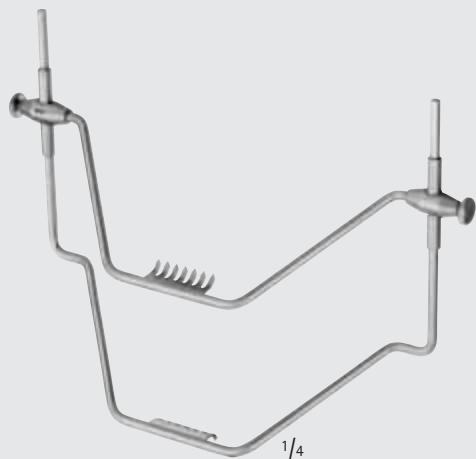
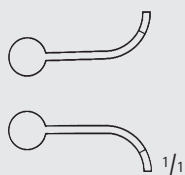
MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Spezialwundspreizer

Special Retractors

BV



BV086R

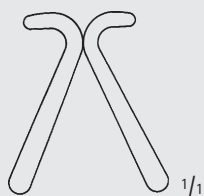
Strumaspreizer
Thyroid retractor



JOLL (FRIEDMANN)

BV087R

Thyreoid- und Vulva-Spreizer
Thyroid- and vaginal retractor
155 mm, 6"



JACKSON-BURROWS

BV993R

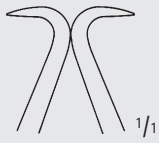
Wundspreizer, stumpf
Retractor, blunt
185 mm, 7 1/4"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Spezialwundspreizer
Special Retractors

BV



1/1



1/2

GELPI

BV996R

Vulva-Spreizer

Vaginal retractor

135 mm, 5 1/4"



1/2

GELPI

BV997R

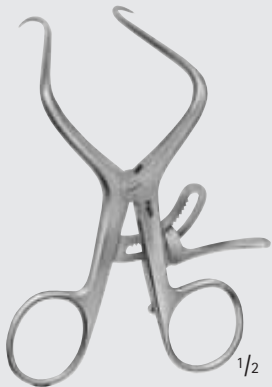
Haut- und Vulva-Spreizer

Skin- and vaginal retractor

175 mm, 7"



1/1



1/2

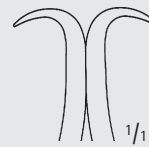
DE BAKEY

BV998R

Femur-Wundspreizer für Kinder

Femur retractor for children

100 mm, 4"



1/1



1/2

DE BAKEY

BV999R

Femur-Wundspreizer

Femur retractor

145 mm, 5 3/4"



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Trachealdilatatoren

Tracheal Dilators

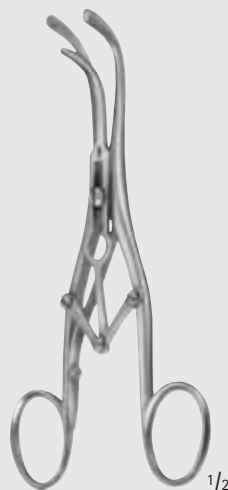
BV



TROUSSEAU

FA005R

120 mm, 4 $\frac{3}{4}$ "



LABORDE

FA006R

125 mm, 5"



LABORDE

FA007R

kräftiges Modell

strong pattern

135 mm, 5 $\frac{1}{4}$ "

INCHES



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Iliaca-Sperrer
Iliaca Retractor

BV



BV712T
30 x 30 mm



BV713T
90 x 60 mm

ALLENBERG

BV710R

Iliaca-Sperrer komplett,
bestehend aus:

- BV711R Sperrer allein
- BV712T Retraktorblatt lateral
- BV713T Retraktorblatt medial

Iliac retractor complete,
consisting of:

- BV711R Retractor only
- BV712T Retractor blade lateral
- BV713T Retractor blade medial

Sperrersystem zur idealen Darstellung der Arteria iliaca communis. Die Retraktorblätter sind aus Titan gefertigt und sind dadurch röntgentransparent. Das große mediale Retraktorblatt kann intraoperativ stufenweise verstellt werden. Das Sperrersystem kann aufgrund der einfachen Auswechselbarkeit der Valven links- sowie rechtseitig eingesetzt werden.

Retractor system for optimal approach to the arteria iliaca communis. The retractor blades are made out of titanium and therefore they are radiotransparent. The big medial retractor blade can be gradually adjusted during the operation. Because of the blades which are easy to exchange the retractor system can be used for the left and the right side.



BV709R

Pinzette zum
Valvenwechsel
Forceps for changing
the blades
130 mm, 5 1/8



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für Laminektomie und andere Applikationen

Self-Retaining Retractors for Laminectomy and Other Applications

BV



SCOVILLE

BV403R

55 mm



SCOVILLE

BV405R

63 x 25 mm

BV406R

63 x 51 mm



TAYLOR

BV409R

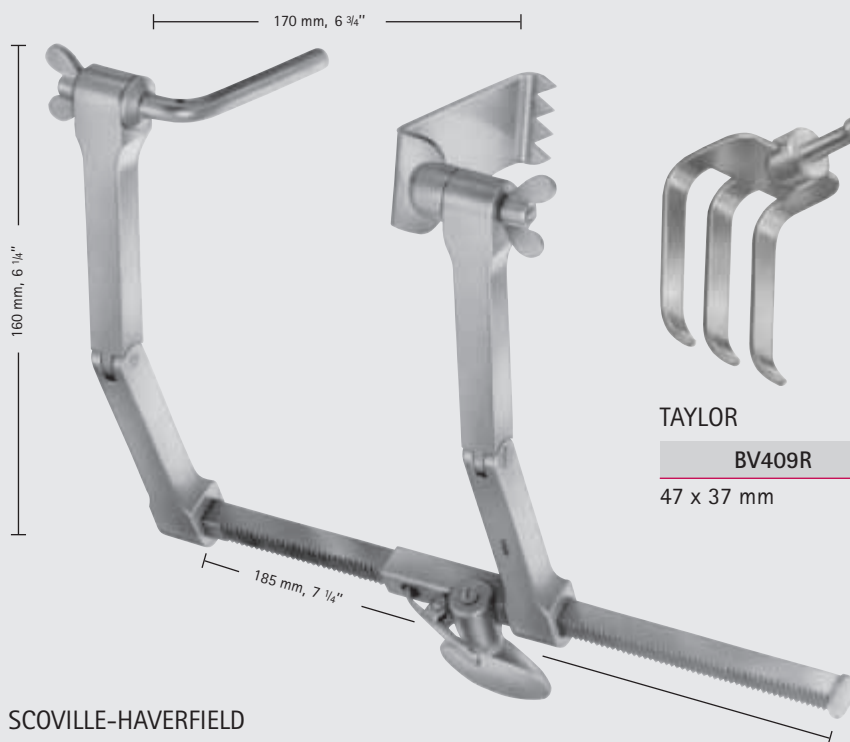
47 x 37 mm



TAYLOR

BV411R

62 x 52 mm



SCOVILLE-HAVERFIELD

BV400R

Sperrer komplett,
bestehend aus:

BV401R Rahmen allein

BV403R Haken

BV405R Blatt

Retractor complete,
consisting of:

BV401R Frame only

BV403R Hook

BV405R Blade



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für Laminektomie und andere Applikationen
Self-Retaining Retractors for Laminectomy and Other Applications



Aesculap Kugelschnellverschluss an Sperrern und Blättern

Vorteile:

- Sicheres Arretieren der Blätter ohne zusätzliche Verriegelung.
 - Verhindert Herausfallen der Blätter aus den Sperrerräumen, auch beim Anreichen.
 - Glatte Oberfläche, dadurch können Ligaturfäden nicht hängenbleiben.
- Schnelles, problemloses Auswechseln der Blätter, auch intraoperativ.
- Universelle Kombinationsmöglichkeiten der verschiedenen Sperrerrmodelle untereinander.
 - Dadurch optimale Auswahl der Blattgrößen entsprechend den jeweiligen operativen Erfordernissen.

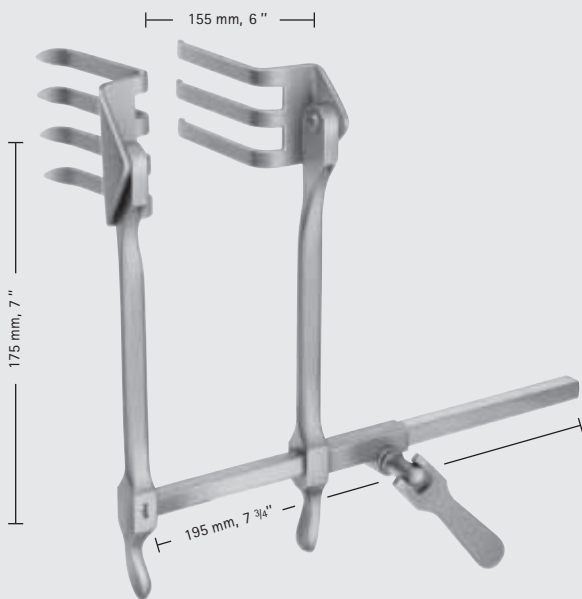
Aesculap ball snap system on spreaders and blades

Advantages:

- Without additional fixation blades are safely locked
 - and can therefore not fall off the retractor shanks even the instrument is passed on to the surgeon
 - no risk of catching suture due to smooth surface
- Without any trouble blades can be quickly exchanged also during the operation
- Different retractors patterns can be universally combined and exchanged at random, which allows
 - optimum selection of the blade size according to surgical needs.



KUGELSCHNELLVERSCHLUSS BALL SNAP CLOSURE



SCOVILLE-RICHTER

BV510R

Sperrer komplett,
umlegbares Modell
bestehend aus:

BV509R Sperrer allein
BV516R Blätter (Paar)

Kann in angelegtem Zustand zum Tücherwechsel
usw. auf die andere Seite umgelegt werden.

Retractor complete,
reversible type
consisting of:

BV509R Retractor only
BV516R Blades (pair)

The retractor bar and shanks may be easily rotated
180° when blades are in situ.



BV516R

62 x 52 mm
PAA = Paar

62 x 37 mm



BV517R

47 x 51 mm



BV518R

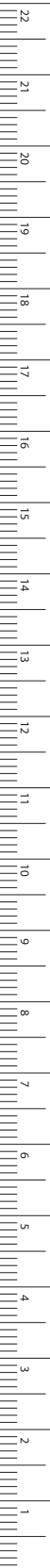
30 x 40 mm



BV519R

37 x 62 mm

BV

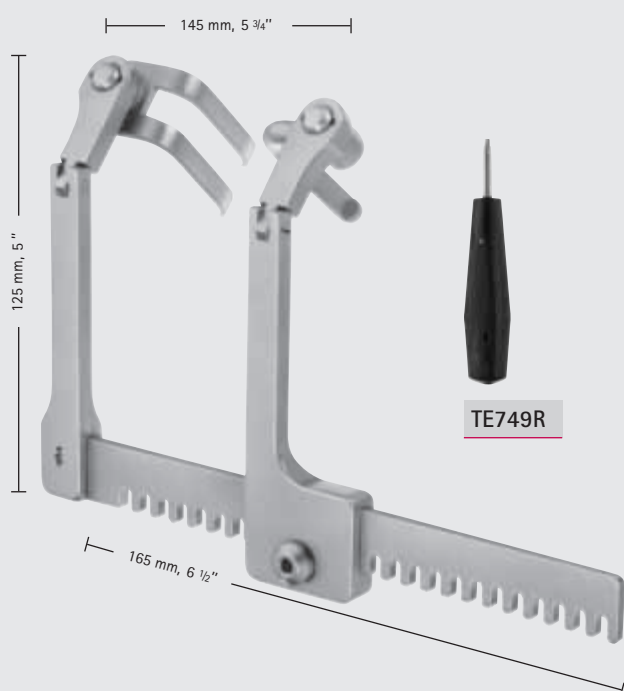


Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für die Wirbelsäule
Self-Retaining Retractors for Spine



KUGELSCHNELLVERSCHLUSS MIT VERDREHSICHERUNG
BALL SNAP CLOSURE WITH TORRSION LOCK



TE749R



BV435R

Haken
Hook
38 mm



BV437R

Haken
Hook
58 mm



Blätter
Blades

BV441R	32 x 22 mm
BV442R	37 x 22 mm
BV443R	42 x 22 mm
BV444R	47 x 22 mm
BV445R	52 x 22 mm
BV446R	57 x 22 mm
BV447R	62 x 22 mm
BV448R	67 x 22 mm

CASPAR

BV450R

Sperrer komplett,
für Laminektomie und Hemi-Laminektomie,
lumbal, thoracal und cervical einzusetzen
bestehend aus:

- BV449R Sperrer allein, mit Drehschlüssel TE749R
- BV435R Haken
- BV442R Blatt
- BV443R Blatt
- BV444R Blatt
- BV445R Blatt
- BV446R Blatt

Retractor complete,
for laminectomy and hemi-laminectomy,
lumbar, thoracal and cervical available
consisting of:

- BV449R Retractor only, with key TE749R
- BV435R Hook
- BV442R Blade
- BV443R Blade
- BV444R Blade
- BV445R Blade
- BV446R Blade



Blätter
Blades

BV451R	32 x 37 mm
BV452R	37 x 37 mm
BV453R	42 x 37 mm
BV454R	47 x 37 mm
BV455R	52 x 37 mm
BV456R	57 x 37 mm
BV457R	62 x 37 mm
BV458R	67 x 37 mm



Blätter
Blades

BV461R	32 x 52 mm
BV462R	37 x 52 mm
BV463R	42 x 52 mm
BV464R	47 x 52 mm
BV465R	52 x 52 mm
BV466R	57 x 52 mm
BV467R	62 x 52 mm
BV468R	67 x 52 mm



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

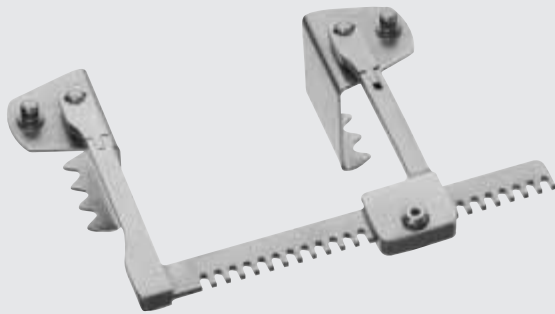
Universal-Wirbelsäulensperrer Universal Retractor System

Universal-Wirbelsäulensperrer

Der selbsthaltende CASPAR-Universal-Wirbelsäulensperrer ermöglicht eine sichere Retraktion und spart durch seine abnehmbaren Griffe Platz im OP-Feld.

Universal Spinal Retractor System

The self-retaining CASPAR universal spinal retractor permits safe retraction and saves space in the operation area due to the removable handles.

BV

CASPAR

BV449R**Sperrer ohne Blätter**

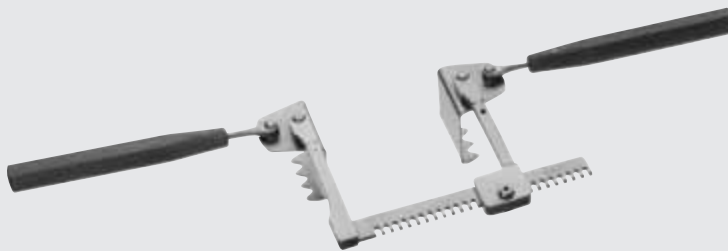
Retractor without blades

**BV413R****Handgriff**

Handle

Blätter
Blades

BV414R	50 x 44 mm
BV415R	50 x 54 mm
BV416R	50 x 74 mm
BV417R	50 x 89 mm

**TE749R****Drehschlüssel**

Key for socket-head screw



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für cervicale Wirbelsäule

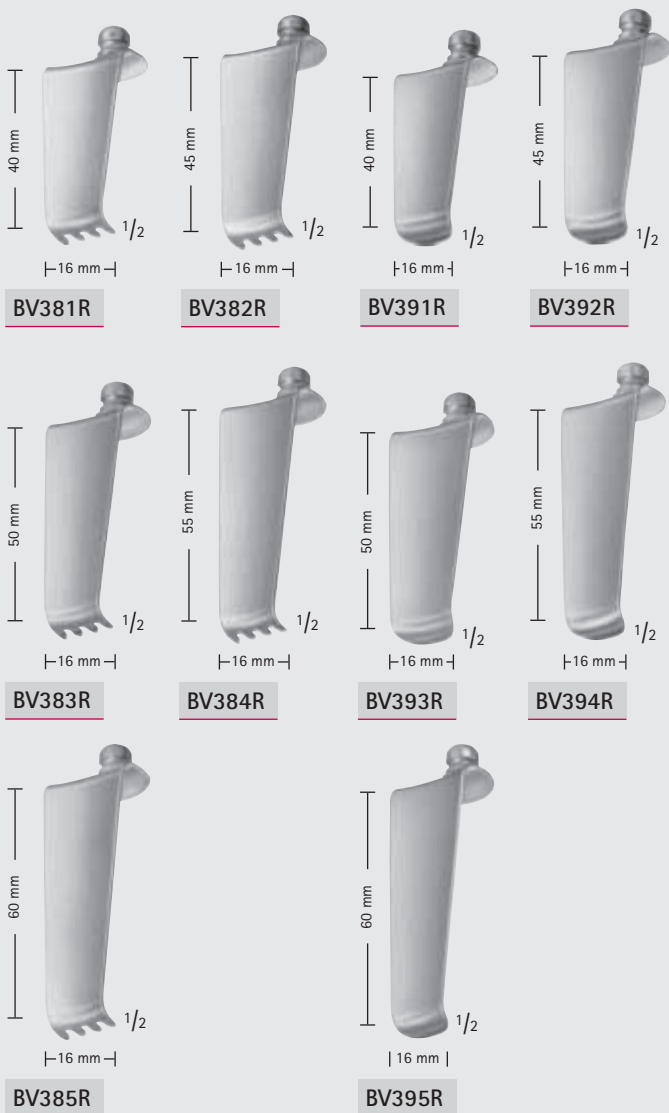
Retractors for Cervical Spine



KUGELSCHNELLVERSCHLUSS MIT VERDREHSICHERUNG
BALL SNAP CLOSURE WITH TORRSION LOCK



110 mm, 4 3/8"



CLOWARD MODIF.

BV380R

Sperrer komplett,
bestehend aus:

- BV379R Sperrer allein
- BV381R Blatt
- BV382R Blatt
- BV383R Blatt
- BV384R Blatt
- BV385R Blatt

Retractor complete,
consisting of:

- BV379R Spreader only
- BV381R Blade
- BV382R Blade
- BV383R Blade
- BV384R Blade
- BV385R Blade

10 mm, 250 "

BV381R-BV395R

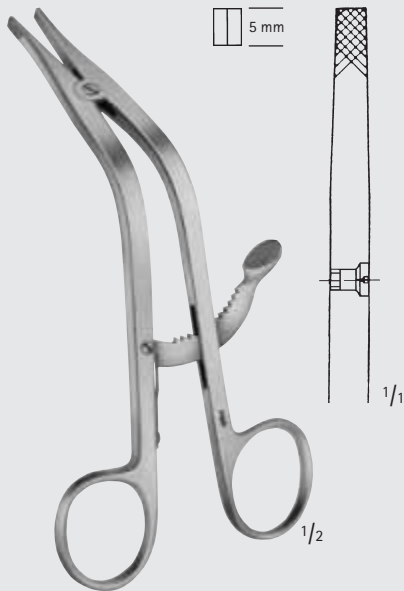
Blätter allein zu BV379R
Blades only for BV379R

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wirbelkörperspreizer

Lamina Spreaders

BV



CLOWARD

BV296R

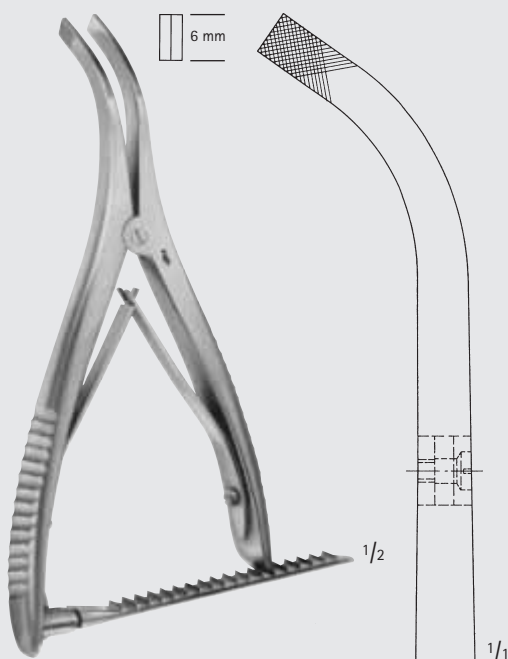
155 mm, 6"



CLOWARD

BV299R

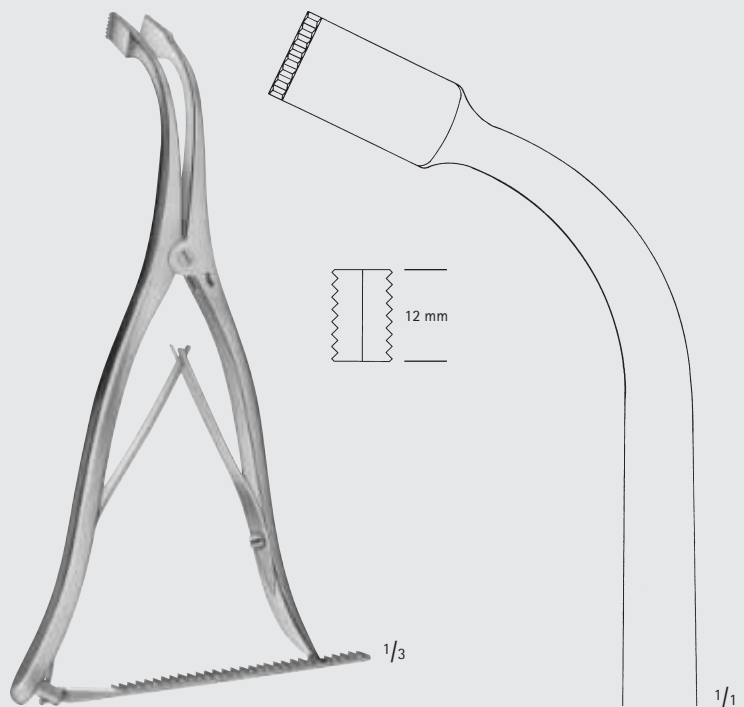
135 mm, 5 1/4"



INGE

BV297R

170 mm, 6 3/4"



INGE

BV298R

275 mm, 10 3/4"



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

Abdominal Retractors

KUGELSCHNELLVERSCHLUSS

BALL SNAP CLOSURE



BV



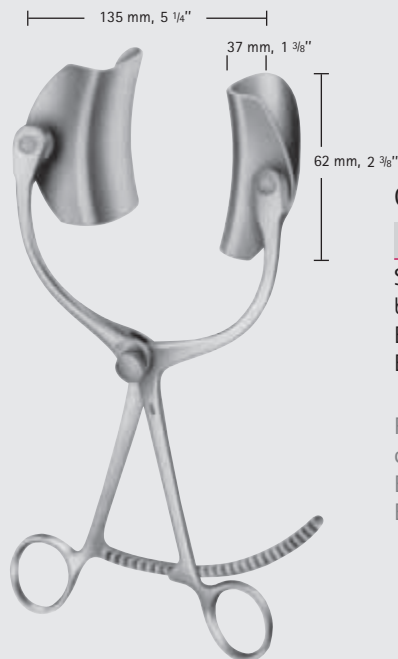
BABY-COLLIN

BV329R

Sperrer komplett,
bestehend aus:

BV327R Sperrer allein
BV326R Blätter (Paar)
18 x 42 mm
BV328R Blätter (Paar)
28 x 42 mm

Retractor complete,
consisting of:
BV327R Spreader only
BV326R Blades (pair)
18 x 42 mm
BV328R Blades (pair)
28 x 42 mm



COLLIN

BV530R

Sperrer komplett,
bestehend aus:

BV520R Sperrer allein
BV551R Blätter (Paar)

Retractor complete,
consisting of:
BV520R Spreader only
BV551R Blades (pair)



COLLIN

BV531R-BV533R

komplett complete	BV531R	BV532R	BV533R
Sperrer allein	BV522R	BV523R	BV523R
Spreader only			
Seitl. Blätter (Paar)	BV551R	BV552R	BV553R
Lateral blades (pair)	37 x 62 mm	37 x 80 mm	37 x 98 mm
Mittelblatt	BV361R	BV362R	BV363R
Center blade	54 x 55 mm	54 x 67 mm	52 x 76 mm



COLLIN

BV535R-BV536R

komplett complete	BV535R	BV536R
Sperrer allein	BV524R	BV524R
Spreader only		
Seitl. Blätter (Paar)	BV555R	BV554R
Lateral blades (pair)	48 x 59 mm	61 x 80 mm
Mittelblatt	BV338R	BV338R
Center blade	63 x 74 mm	63 x 74 mm



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors



KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

Bauchdeckenhalter
Abdominal Retractors

BV

320 mm, 12 1/2"



RICARD

BV542R-BV543R

komplett		
complete	BV542R	BV543R
Sperrer allein	BV527R	BV527R
Spreader only		
Seitl. Blätter (Paar)	BV556R	BV557R
Lateral blades (pair)	58 x 80 mm	72 x 84 mm
Mittelblatt	BV366R	BV367R
Center blade	54 x 70 mm	72 x 90 mm

275 mm, 10 3/4"



HOLZBACH

BV545R

komplett		
complete		
Seitl. Blätter (Paar)	BV558R	
Lateral blades (pair)	59 x 80 mm	
Mittelblatt		BV369R
Center blade		74 x 82 mm



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenvalven

Abdominal Blades



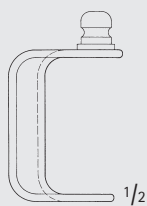
KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

Bestelleinheit der Blätter: PAA = Paar

Sales unit of blades: PAA = pair

Seitliche Blätter allein

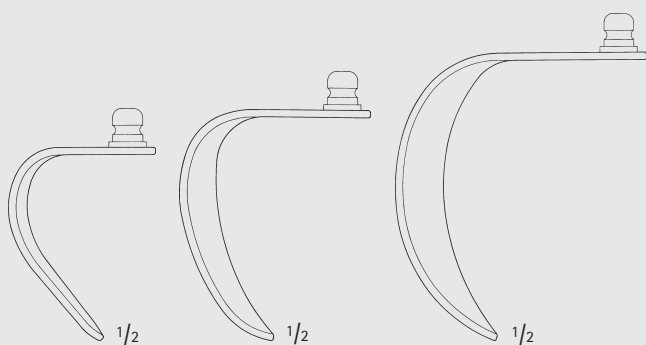
Lateral blades only



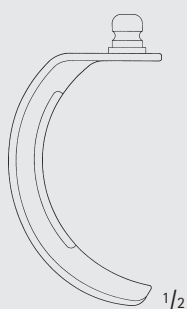
BV551R-BV553R



BV554R



BV555R-BV557R



BV558R



BV551R 37 x 62 mm

BV552R 37 x 80 mm

BV553R 37 x 98 mm



BV554R 61 x 80 mm



BV555R 48 x 59 mm

BV556R 58 x 80 mm

BV557R 72 x 84 mm



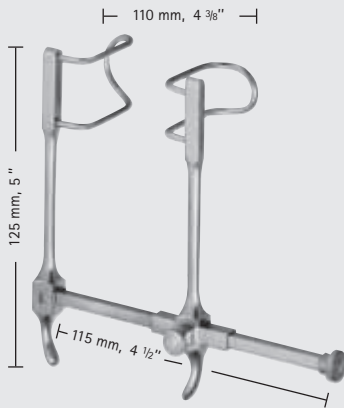
BV558R 59 x 80 mm



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

BV

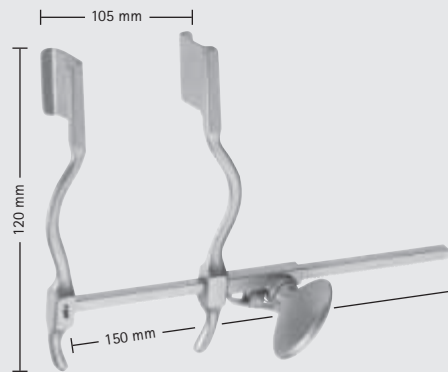


GOSSET

BV500R

Blätter: 38 mm tief

Blades: 38 mm deep

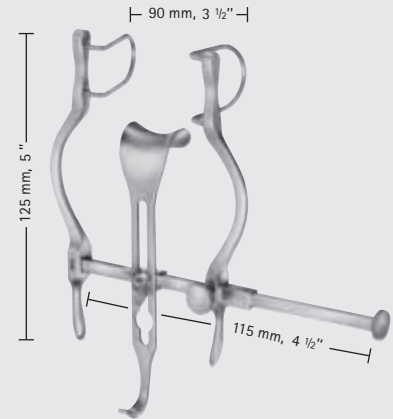


HERTZLER

BV512R

Blätter 20 x 25 mm

Blades 20 x 25 mm



BALFOUR-BABY

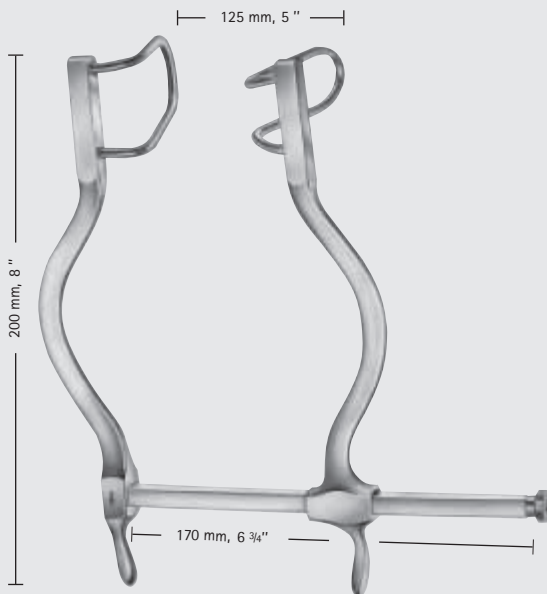
BV601R

Seitl. Blätter 27 mm tief

Mittelblatt BV602R 21 x 24 mm

Lateral blades 27 mm deep

Center blade BV602R 21 x 24 mm

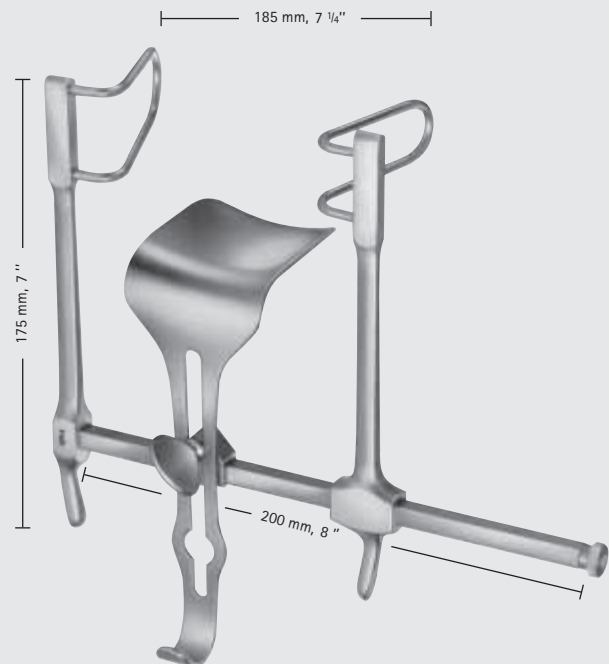


GOSSET

BV502R

Blätter: 55 mm tief

Blades: 55 mm deep



GOSSET

BV505R

Seitl. Blätter 58 mm tief

Mittelblatt BV506R 59 x 57 mm

Lateral blades 58 mm deep

Center blade BV506R 59 x 57 mm

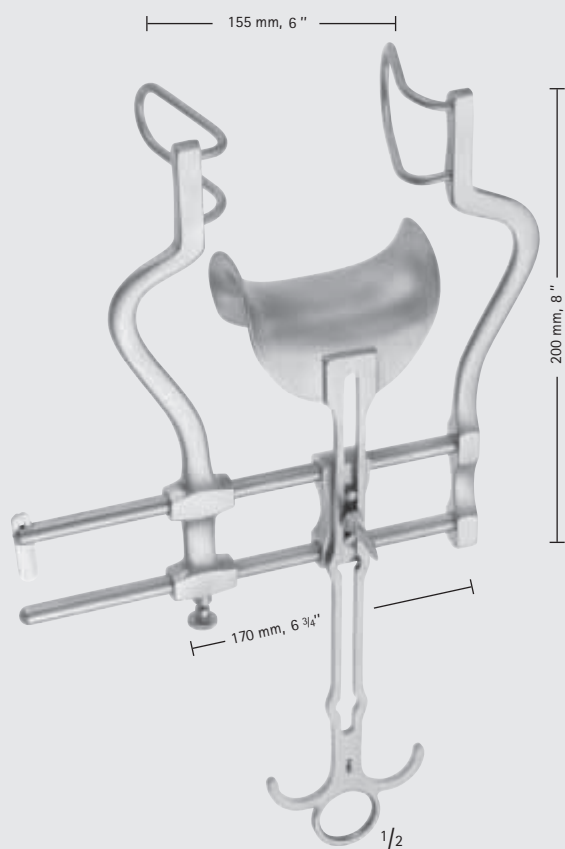


MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

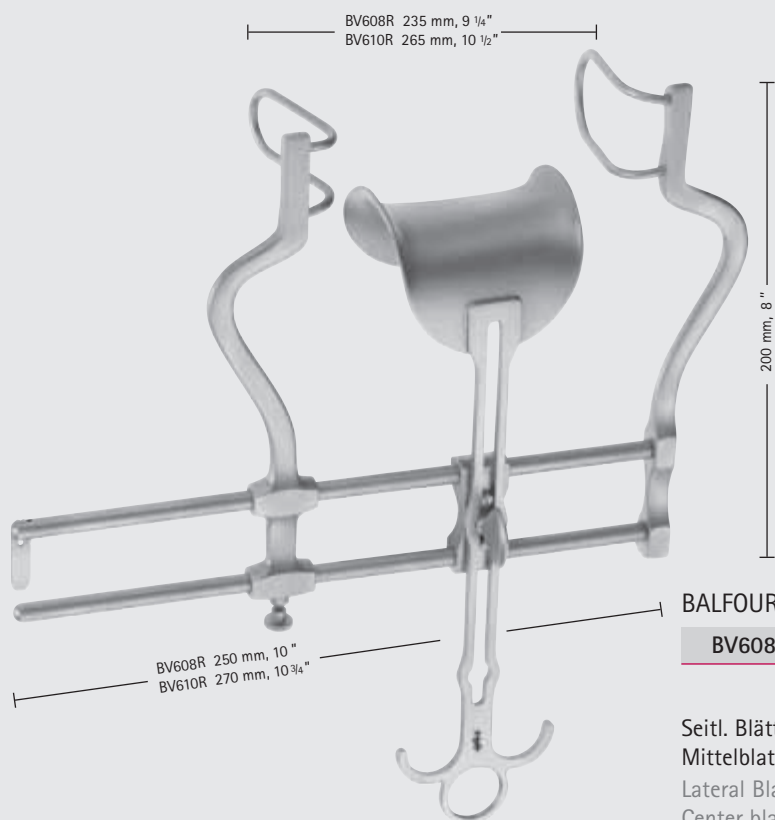
Abdominal Retractors



BALFOUR

BV605R

Seitl. Blätter	60 mm tief
Mittelblatt	BV606R 47 x 80 mm
Lateral blade	60 mm deep
Center blade	BV606R 47 x 80 mm



BALFOUR

BV608R-BV610R

	BV608R	BV610R
Seitl. Blätter	60 mm tief	90 mm tief
Mittelblatt	BV609R 62 x 76 mm	BV611R 80 x 80 mm
Lateral Blades	60 mm deep	90 mm deep
Center blade	BV609R 62 x 76 mm	BV611R 80 x 80 mm

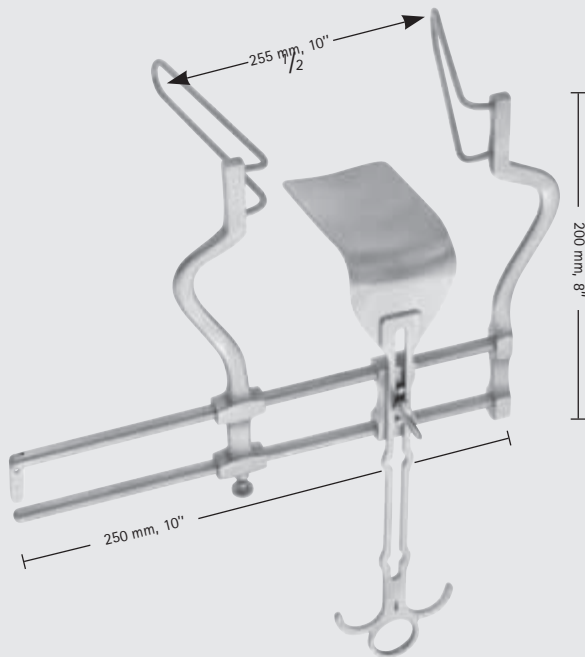
BV



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

BV



BALFOUR

BV615R

Seitl. Blätter 105 mm tief
Mittelblatt BV616R 107 x 59 mm
Lateral blades 105 mm deep
Center blade BV616R 107 x 59 mm



BALFOUR

BV617R

Mittelblatt allein
Center blade only
54 x 80 mm



BV618R

Mittelblatt, geschlitzt
zur retropubischen Prostatektomie
Center blade, slotted
for retropubic prostatectomy
75 x 80 mm



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

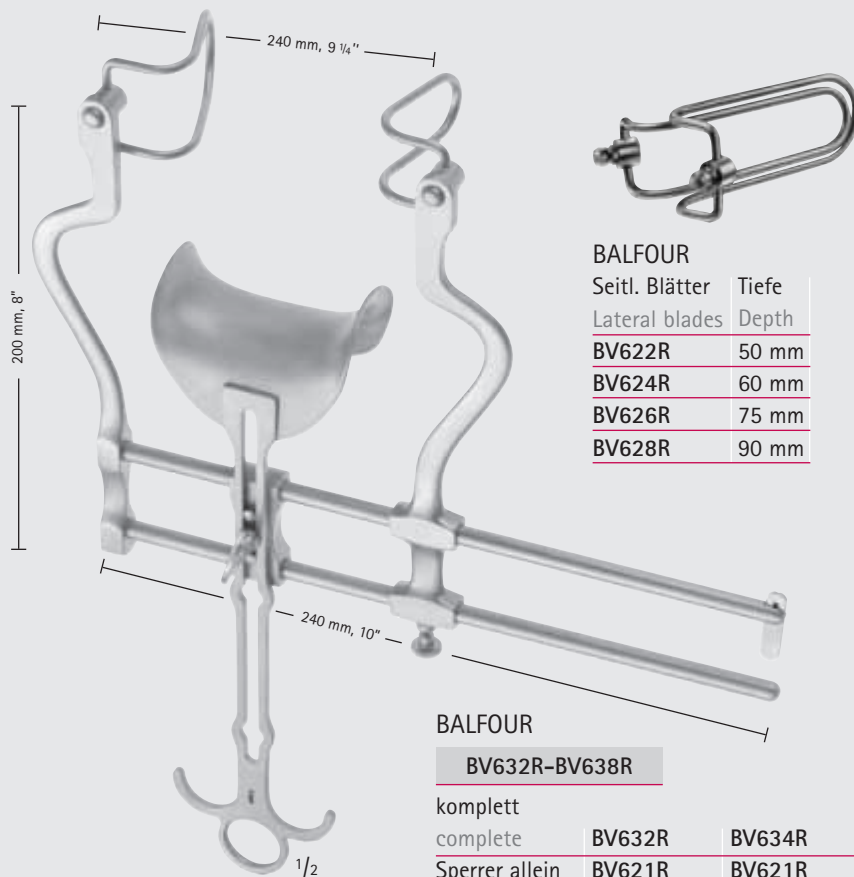
Abdominal Retractors



KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

Bestelleinheit der Blätter: PAA = Paar

Sales unit of blades: PAA = pair



BALFOUR

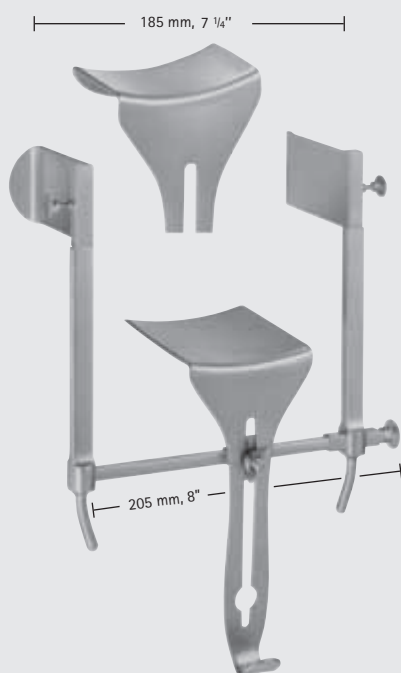
Seitl. Blätter Lateral blades	Tiefe Depth
BV622R	50 mm
BV624R	60 mm
BV626R	75 mm
BV628R	90 mm

BALFOUR

BV632R-BV638R

komplett

complete	BV632R	BV634R	BV636R	BV638R
Sperrer allein Spreader only	BV621R	BV621R	BV621R	BV621R
Seitl. Blätter Lateral blades	BV622R	BV624R	BV626R	BV628R
	50 mm	60 mm	75 mm	90 mm
Mittelblatt Center blade	BV606R	BV609R	BV611R	BV611R
	47 x 80 mm	62 x 76 mm	80 x 80 mm	80 x 80 mm



GOLIGHER

BV640R

Bauchdeckenhalter komplett,
bestehend aus:

Mittelblatt 51 mm tief
Mittelblatt 102 mm tief
Seitl. Blätter (Paar) 51 mm tief
Seitl. Blätter (Paar) 102 mm tief

Abdominal retractor complete,
consisting of:

Center blade 51 mm deep
Center blade 102 mm deep
Lateral blades (pair) 51 mm deep
Lateral blades (pair) 102 mm deep



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

BV



O' SULLIVAN-O' CONNOR

US100

Bauchdeckenhalter komplett,
bestehend aus:

- US100 1 Bauchdeckenhalter
- US100201 2 Blätter
- US100202 1 Blatt

Abdominal retractor complete,
consisting of:

- US100 1 Retractor
- US100201 2 Blades
- US100202 1 Blade



O'SULLIVAN-O' CONNOER

US100201

kleines Blatt
small blade



O'SULLIVAN-O' CONNOER

US100202

großes Blatt
large blade



MILLIMETERS

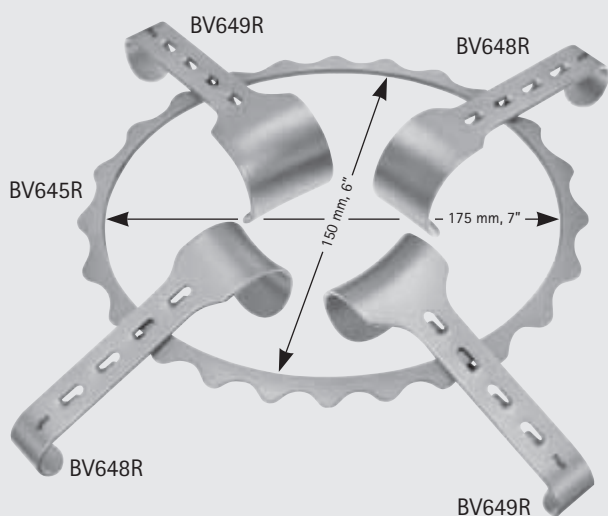
Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

Abdominal Retractors

Bauchdeckenhalter für Säuglinge und Kinder

Abdominal retractors for new-born and children



DENIS-BROWNE

BV650R

Bauchdeckenhalter komplett,
bestehend aus:

- BV645R 1 Rahmen 175 x 150 mm
- BV648R 2 Blätter allein 40 x 30 mm
- BV649R 2 Blätter allein 40 x 40 mm

Abdominal retractor complete,
consisting of:

- BV645R 1 frame 175 x 150 mm
- BV648R 2 blades only 40 x 30 mm
- BV649R 2 blades only 40 x 40 mm



DENIS-BROWNE

BV646R

Blatt allein
Blade only
20 x 30 mm



DENIS-BROWNE

BV647R

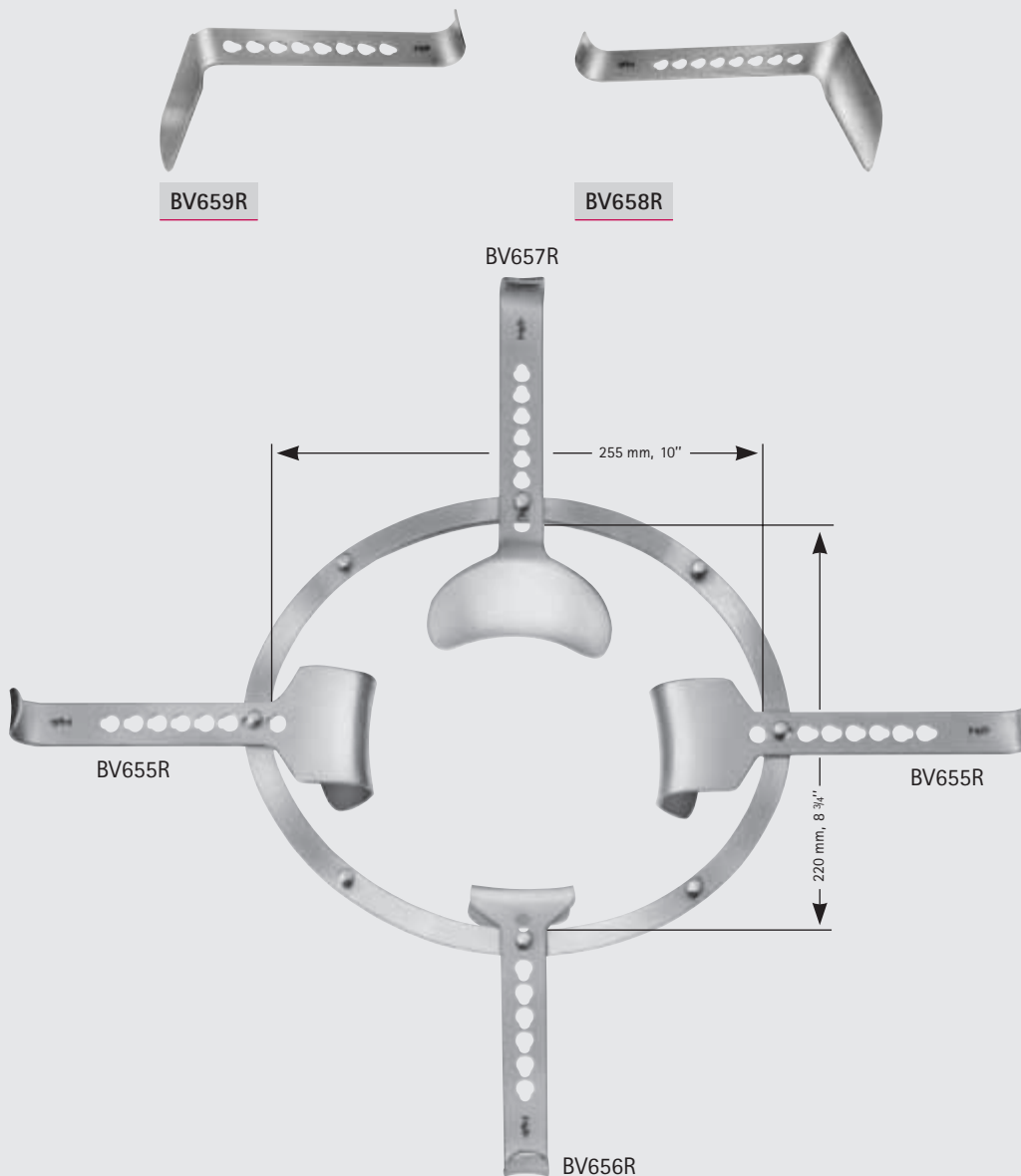
Blatt allein
Blade only
20 x 40 mm



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

Bauchdeckenhalter für Gynäkologen gut geeignet
Abdominal retractors well suitable for gynaecologists



SEMM

BV654R

Bauchdeckenhalter komplett,
bestehend aus:

- BV653R 1 Rahmen 255 x 220 mm
- BV655R 2 Blätter 46 x 64 mm
- BV656R 1 Blatt 53 x 54 mm (für die Blase)
- BV657R 1 Blatt 82 x 97 mm (für den Darm)
- BV658R 1 Blatt 98 x 51 mm (für den Darm)
- BV659R 1 Blatt schmal 107 x 36 mm

Abdominal retractor complete,
consisting of:

- BV653R 1 frame 255 x 220 mm
- BV655R 2 blades 46 x 64 mm
- BV656R 1 blade 53 x 54 mm (for bladder)
- BV657R 1 blade 82 x 97 mm (for intestine)
- BV658R 1 blade 98 x 51 mm (for intestine)
- BV659R 1 blade narrow 107 x 36 mm

BV



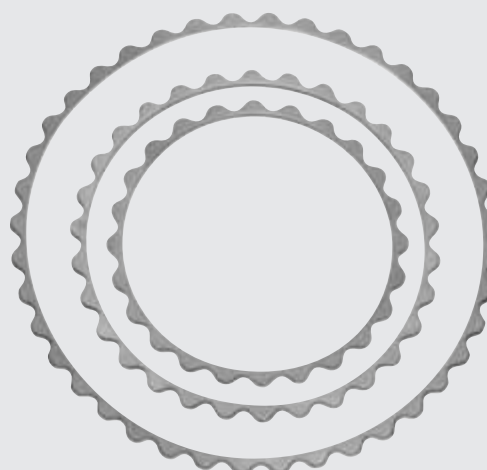
MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

Abdominal Retractors

BV



BV686R

ø 180 mm
diam 7"

BV687R

ø 230 mm
diam. 9"

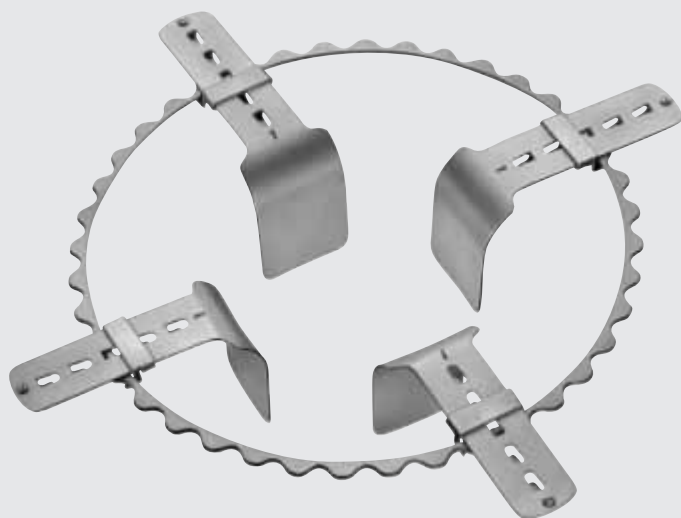
BV688R

ø 305 mm
diam. 12"

TURNER-WARWICK

BV686R

Bauchdeckenrahmen, rund
Retractor frame, round



TURNER-WARWICK

BV685R

Bauchdeckenhalter komplett,
bestehend aus:

BV686R - BV688R	je 1 Rahmen
BV690R - BV693R	je 2 Bauchdeckenspatel
BV694R - BV695R	je 2 Bauchdeckenhaken
BV696R - BV697R	je 2 Bauchdeckenhaken
BV698R	2 Einzinkerhaken

Abdominal retractor complete,
consisting of:

BV686R - BV688R	1 Frame of each
BV690R - BV693R	2 Retractor blades of each
BV694R - BV695R	2 Abdominal retractors of each
BV696R - BV697R	2 Abdominal retractors of each
BV698R	2 Retractor blade single hooks



TURNER-WARWICK

BV689R

Bauchdeckenrahmen, oval
Retractor frame, oval
457 x 330 mm,



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

BV



BV690R

biegsam
malleable
76 x 19 mm



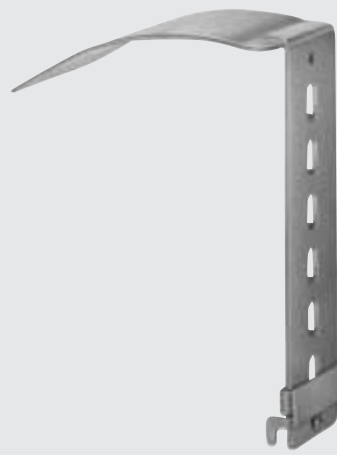
BV691R

biegsam
malleable
102 x 38 mm



BV692R

biegsam
malleable
89 x 57 mm



BV693R

biegsam
malleable
114 x 57 mm



BV694R

51 x 38 mm



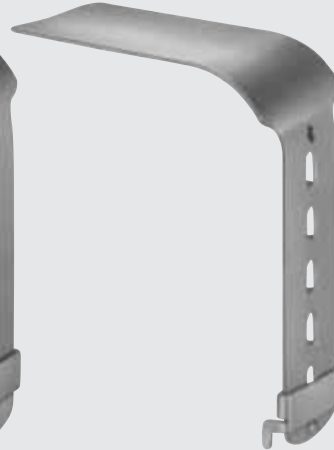
BV695R

76 x 60 mm



BV696R

89 x 60 mm



BV697R

114 x 60 mm



BV698R

13 mm tief
13 mm deep



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

Abdominal Retractors

250 x 250 mm, 10 x 10"

KIRSCHNER

BV662R

Bauchdeckenhalter komplett,
bestehend aus:

BV663R 1 Rahmen, zusammenlegbar

BV668R 2 Blätter

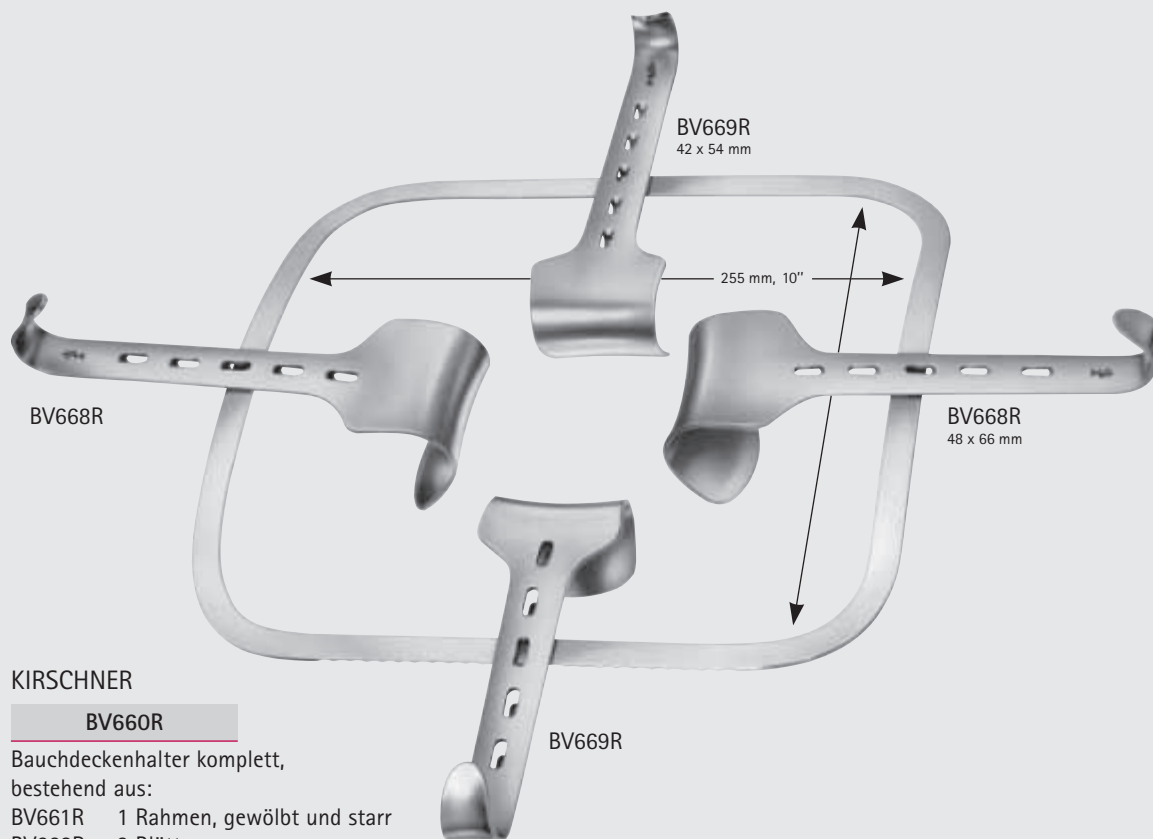
BV669R 2 Blätter

Abdominal retractor complete,
consisting of:

BV663R 1 Holding frame

BV668R 2 Blades

BV669R 2 Blades



KIRSCHNER

BV660R

Bauchdeckenhalter komplett,
bestehend aus:

BV661R 1 Rahmen, gewölbt und starr

BV668R 2 Blätter

BV669R 2 Blätter

Abdominal retractor complete,
consisting of:

BV661R 1 Vaulted fixed frame

BV668R 2 Blades

BV669R 2 Blades

KIRSCHNER

BV664R

Rahmen allein, übergroß

Frame only, over-sized

275 x 355 mm

KIRSCHNER

BV665R

Rahmen allein

Frame only

295 x 275 mm



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

Zusätzliche Blätter für Fettleibige
Additional valves for corpulent persons



KIRSCHNER

BV670R

64 x 80 mm



KIRSCHNER-BALFOUR

BV672R

80 x 82 mm



KIRSCHNER

BV674R 90 x 69 mm

BV675R 95 x 95 mm

BV676R 78 x 58 mm



KIRSCHNER

BV680R 108 x 42 mm

BV682R 91 x 55 mm

BV684R 120 x 55 mm

BV



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Blasenwundspreizer

Bladder Retractors



KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



BV576R



BV577R

MILLIN

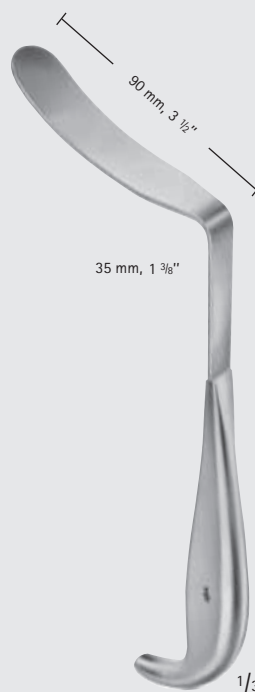
BV580R

Blasenwundspreizer komplett,
bestehend aus:

- BV575R Sperrer allein
- BV576R Blätter 57 x 25 mm
- BV577R Blätter 82 x 25 mm
- BV578R Mittelblatt 105 x 45 mm

Bladder retractor complete,
consisting of:

- BV575R Spreader only
- BV576R Blades 57 x 25 mm
- BV577R Blades 82 x 25 mm
- BV578R Center blade 105 x 45 mm



1/3

LEGUEU

BV928R

Blasenspatel

Bladder spatula

260 mm, 10 1/4"



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Poplitea-Sperrer
Poplitea Retractor

BV



BV348R

Blätter (Paar), allein
bestehend aus:

Blatt, stumpf, 60 x 50 mm

Blatt, halbscharf, 40 x 35 mm

Blades (pair), only
consisting of:

Blade, blunt, 60 x 50 mm

Blade, semi-sharp, 40 x 35 mm

BV349R

Poplitea-Sperrer, komplett
bestehend aus:

BV327R Sperrer allein

BV348R Blätter (Paar)

Poplitea retractor, complete
consisting of:

BV327R Retractor only

BV348R Blades (pair)



„Einer für Alle“
"One for All"



Ein System für alle Indikationen in

- Viszeralchirurgie
- Urologie
- Gynäkologie
- Abdominale Gefäßchirurgie

Eine Vielzahl an Rahmen, Klemmen, Stangen und Wundhaken ermöglicht es, ein individuell angepasstes Retraktions-System zusammenzustellen, welches praktisch keine Wünsche mehr offen lässt.

One system for all indications in

- Visceral surgery
- Urology
- Gynaecology
- Abdominal vascular surgery

The multiplicity of different frames, clamps, rods and retractors permits an individually adjustable retraction system which corresponds to the needs of the customers.



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Retraktions-System MÜNSTER
MÜNSTER Retraction System

BV

universell, flexibel, sicher, einfach in der Handhabung
universal, safe, easy to use

Weitere Informationen finden
Sie in unserem Prospekt C216.

For further details see
brochure No. C216.



Geschlossener Rahmen
Closed frame



Offener Rahmen
Open frame



MILLIMETERS

Das Mini Retraktionssystem The Mini Retraction System



Das Retraktionssystem FRANKFURT ist ein universelles Mini Retraktionssystem.

Die Position der Wundhaken auf den Rahmen kann frei gewählt werden. Die Wundhaken sind durch spezielle Befestigungsklemmen mit den Rahmen verbunden und können in allen Dimensionen bewegt werden.

The FRANKFURT retraction system is a universal mini retraction system.

The retractors can be positioned anywhere on the frame. The retractors are fixed to the frame with special fixation clamps and can be moved in any direction and in all dimensions.



Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Retraktions-System FRANKFURT FRANKFURT Retraction System

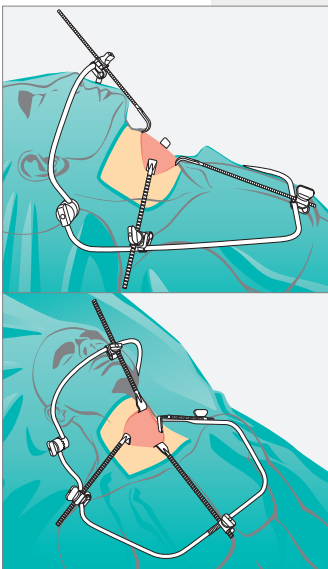
BV

Weitere Informationen finden
Sie in unserem Prospekt C779.

For further details see
brochure No. C779.



Für die Kinderchirurgie
For Pediatric Surgery



Für Struma Operationen
For Thyroid Operations



MILLIMETERS

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

UNITRAC® - Retraktions- und Haltesystem

UNITRAC® - Retraction- and Holding System

Retraktion in Perfektion

Retraction in Perfection



Das Retraktions- und
Haltesystem für die

- Offene Chirurgie
- Minimalinvasive Chirurgie
- Orthopädie
- Traumatologie

The retraction and
holding system for

- Open Surgery
- Minimal Invasive Surgery
- Orthopaedics
- Traumatology





Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

UNITRAC® – Retraktions- und Haltesystem
UNITRAC® – Retraction- and Holding System



- Universell einsetzbar zum Halten von Wundhaken, Kameras und Endoskopen
Universal use for holding hooks, retractors, cameras and endoscopes
- Umfangreiches Zubehör an Wundhaken, Kamera- und Endoskophaltern verfügbar
Extensive range of blades, hooks, camera and endoscope holders available
- Pneumatisch unterstütztes System zum direkten Anschluss an die vorhandene OP-Druckluftversorgung
Pneumatically supported system for direct connection with the compressed air supply in the operating room
- Betriebsdruck: 5,5 bar bis 12 bar
Required working pressure: 5.5 bar up to 12 bar
- Einfache Montage an die OP-Tischschiene
Easy to attach to operating room table
- Schnelle und sterile Bereitstellung im OP
Quick sterile set-up in operating room
- Dampfsterilisierbar bei 134 °C (2 bar)
Autoclaveable at 134 °C (2 bar)

Weitere Informationen finden Sie in unserem Prospekt C474.

For further details see brochure No. C474.





INCHES



GK



Elektrochirurgie
Electrosurgery

Elektrochirurgie – Electro Surgery

Elektrodenhandgriffe

Electrode Handles

MONOPOLAR

passend für Geräte von Aesculap, ACMI, Berchtold, Martin, Erbe ACC/ICC/VIO
suitable for devices from Aesculap, ACMI, Berchtold, Martin, Erbe ACC/ICC/VIO



GN209

Elektrodenhandgriff, mit Doppelfingertastern
Electrode handle, with two finger pushbuttons



GN207

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin



GN203-GN205

Kabel für Elektrodenhandgriff
Cable for electrode handle

GN203	GN205
3,5 m	5,0 m

passend für Geräte von Erbe ACC/ICC/VIO
suitable for devices from Erbe ACC/ICC/VIO



GN213-GN215

Kabel für Elektrodenhandgriff
Cable for electrode handle

GN213	GN215
3,0 m	5,0 m

GK



Elektrochirurgie – Electro Surgery

Elektrodenhandgriffe

Electrode Handles

MONOPOLAR

passend für Geräte von Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab
suitable for devices from Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab



GK252Y

Elektrodenhandgriff ohne Fingertaster, Stecker US-Norm
Electrode handle, without finger pushbuttons, plug according to US standard



GK253Y

Elektrodenhandgriff mit Doppelfingertastern, Stecker US-Norm
Electrode handle, with two finger pushbuttons, plug according to US standard

passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin

Slim Style



GN206

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

Slim Style



GN218

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

Slim Style



GN208

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

GK



Elektrochirurgie – Electro Surgery

Elektrodenhandgriffe

Electrode Handles

MONOPOLAR

passend für Geräte von Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab
suitable for devices from Aesculap, ACMI, Berchtold, Conmed, Martin, Valleylab

Slim Style



GN210-GN212

Elektrodenhandgriff mit Doppelfingertastern, Stecker US-Norm

Electrode handle, with two finger pushbuttons, plug according to US standard

	GN210	GN212
ø	2,4 mm	4,0 mm
diam.	2.0 mm	4.0 mm

Single Use



GN211

Einmal-Elektrodenhandgriff, mit Fingertastern, Stecker US Norm

Single use electrode handle, with finger pushbuttons, plug according to US standard

Single Use



GN221

Einmal-Elektrodenhandgriff, ohne Fingertaster

Single use electrode handle, without finger pushbuttons

Single Use

Elektrodenhandgriffe

Electrodes handles

Bestelleinheit:

PAK = Packung à 50 Stück, einzeln steril verpackt

Sales unit:

PAK = Package of 50 pieces, in individual sterile packs

GK



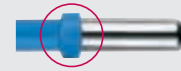
Elektrochirurgie – Electro Surgery

Kurze Arbeitselektroden

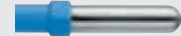
Short Working Electrodes

MONOPOLAR

mit Sechskantverdrehschutz
with hexagonal anti-twist protection



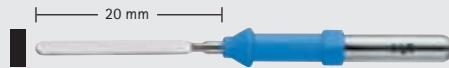
ø 4,0 mm
diam. 4.0 mm



ø 2,4 mm
diam. 2.4 mm



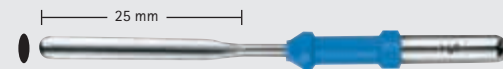
Messerelektroden
Knife electrodes



GK110R

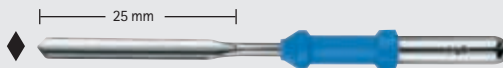
GK140R

Lanzettenelektroden
Cutting electrodes



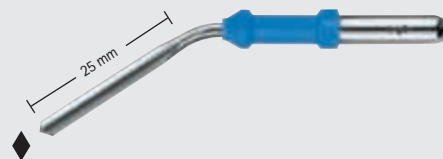
GK111R

GK141R



GK112R

GK142R



GK113R

GK143R

Nadelelektroden
Needle electrodes



GK114R

GK144R

Schlingenelektroden
Loop electrodes



GK115R

GK145R



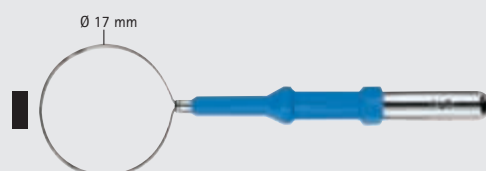
GK116R

GK146R



GK117R

GK147R



GK118R

GK148R

GK



MILLIMETERS

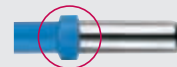
Elektrochirurgie – Electro Surgery

Kurze Arbeitselektroden

Short Working Electrodes

MONOPOLAR

mit Sechskantverdreheschutz
with hexagonal anti-twist protection



ø 4,0 mm
diam. 4.0 mm



ø 2,4 mm
diam. 2.4 mm



Kugelelektroden
Ball electrodes



GK121R

GK151R



GK122R

GK152R

Plattenelektroden
Plate electrodes



GK123R

GK153R

Chirurgie-Elektroden-Set
bestehend aus:
Behälter, Ständer
und 12 Elektroden

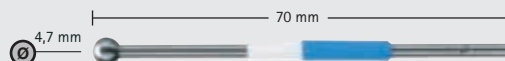
Surgical electrodes set
consisting of:
container, rack
and 12 electrodes



GK174R

Single Use

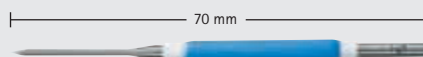
Kugelelektrode
Ball electrode



GK164R

Single Use

Nadelelektrode
Needle electrode



GK165R

Single Use

Elektrodenhandgriffe
Electrodes handles

Bestelleinheit:

PAK = Packung à 50 Stück, einzeln steril verpackt

Sales unit:

PAK = Package of 50 pieces, in individual sterile packs



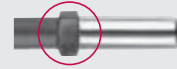
Elektrochirurgie – Electro Surgery

Isolierte Langschaftelektroden

Insulated Long-Shank Electrodes

MONOPOLAR

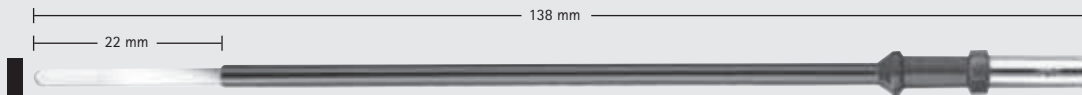
mit Sechskantverdrehenschutz
with hexagonal anti-twist protection



ø 4,0 mm
diam. 4.0 mm



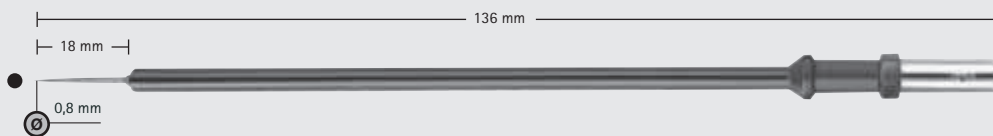
ø 2,4 mm
diam. 2.4 mm



Messerelektroden
Knife electrodes

GK125R

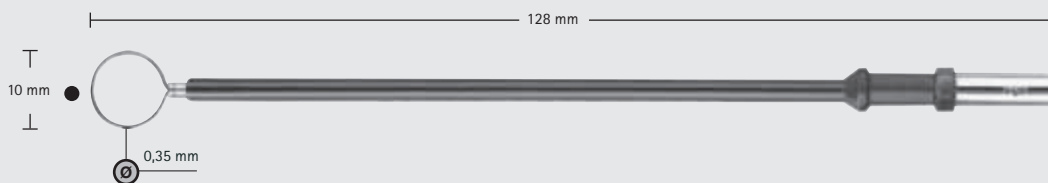
GK155R



Nadelektroden
Needle electrodes

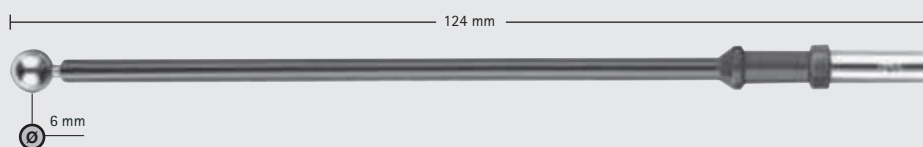
GK127R

GK157R



Drahtschlingenelektrode
Wire loop electrode

GK128R



Kugelelektrode
Ball electrode

GK129R

GK



MILLIMETERS

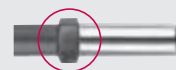
Elektrochirurgie – Electro Surgery

Isolierte Langschaftelektroden

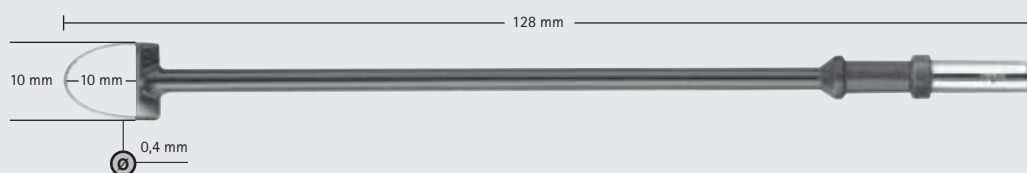
Insulated Long-Shank Electrodes

MONOPOLAR

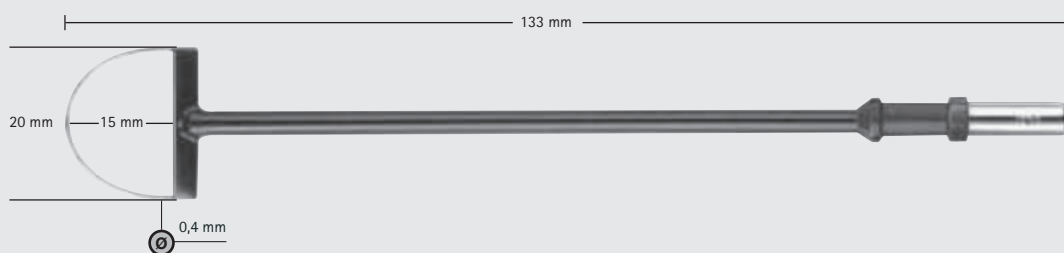
mit Sechskantverdrehschutz
with hexagonal anti-twist protection



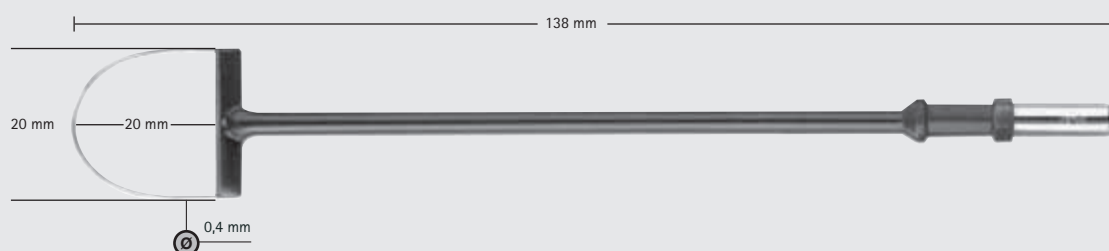
ø 4,0 mm
diam. 4.0 mm



GK131R



GK132R

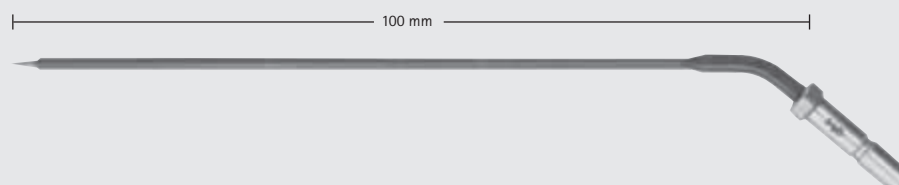


GK133R

GK131R-GK133R

Drahtschlingenelektroden zur Konisation der Portio

Wire loop electrodes for conization of the portio



GK424R

Stichkoagulationsnadel für die Nasenmuschel

Needle electrode for nasal concha

GK





MONOPOLAR

GK



GN227

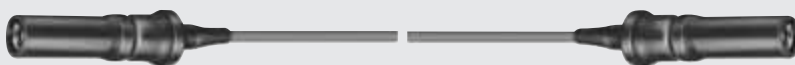
Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons



GN229

Elektrodenhandgriff, mit Doppelfingertastern
Electrode handle, with two finger pushbuttons

passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin



GN203-GN205

Kabel für Elektrodenhandgriff
Cable for electrode handle

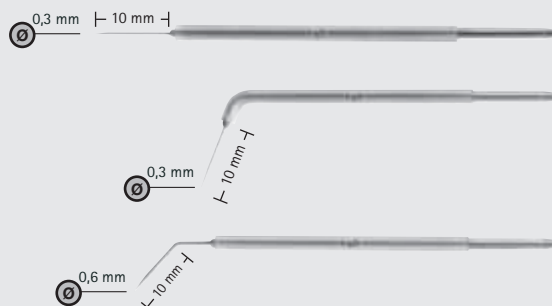
GN203	GN205
3,5 m	5,0 m





GK301R-GK305R

Nadelelektroden
Needle electrodes



ø 1,7 mm
diam. 1.7 mm

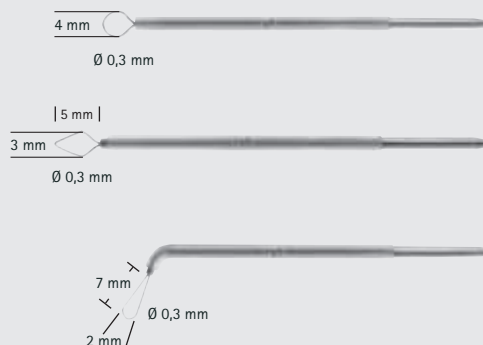
GK301R

GK303R

GK305R

GK307R-GK315R

Schlingenelektroden
Loop electrodes



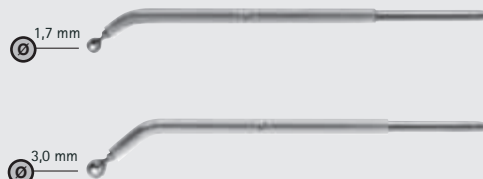
GK307R

GK310R

GK315R

GK320R-GK321R

Kugelelektroden
Ball electrodes



GK320R

GK321R

GK680R

Behälter mit Deckel
Container with lid

GK681R

Ständer für Mikro-Elektroden
Rack for micro electrodes

GK683R

Ständer für Chirurgie-Elektroden
Rack for surgery electrodes





Elektrochirurgie – Electro Surgery

Schleimhautnadel, Schere, isoliert
Mucosa Needle, Scissors, Insulated

MONOPOLAR

GK



ABBEY

OL189R

Schleimhautnadel

Mucosa needle



BC608R

Schere, isoliert

Scissors, insulated

200 mm, 8"



Elektrochirurgie – Electro Surgery

Pinzetten, isoliert

Forceps, Insulated

MONOPOLAR



GK



105 mm, 4 1/8"

GK012R

130 mm, 5 1/8"



155 mm, 6"

GK005R

180 mm, 7"



180 mm, 7"

GK007R

200 mm, 8"



210 mm, 8 1/4"

GK010R

230 mm, 9"



245 mm, 9 3/4"

GK013R

270 mm, 10 3/4"



4 mm

GK033R

350 mm, 14"





MONOPOLAR

Elektrochirurgie – Electro Surgery

Pinzetten, isoliert
Forceps, Insulated

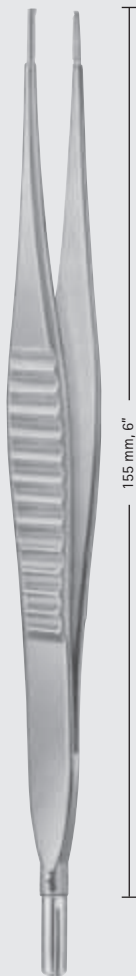


130 mm, 5 1/8"

ADSON

GK015R

150 mm, 6"



155 mm, 6"

GILLES

GK006R

1 x 2 Zähne
1 x 2 teeth
170 mm, 6 3/4"



110 mm, 4 3/8"

TURNER

GK008R

130 mm, 5 1/8"



150 mm, 6"

MC INDOE

GK009R

175 mm, 7"

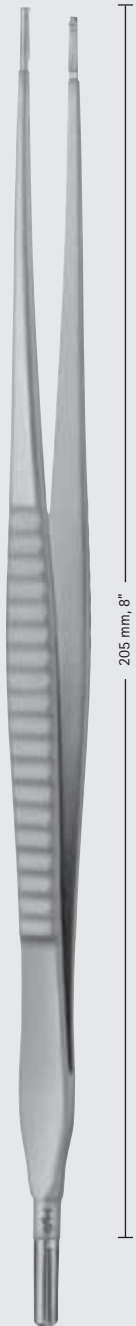


205 mm, 8"

WAUGH

GK016R

230 mm, 9"



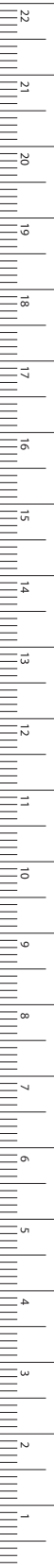
205 mm, 8"

WAUGH

GK017R

1 x 2 Zähne
1 x 2 teeth
230 mm, 9"

GK



MILLIMETERS

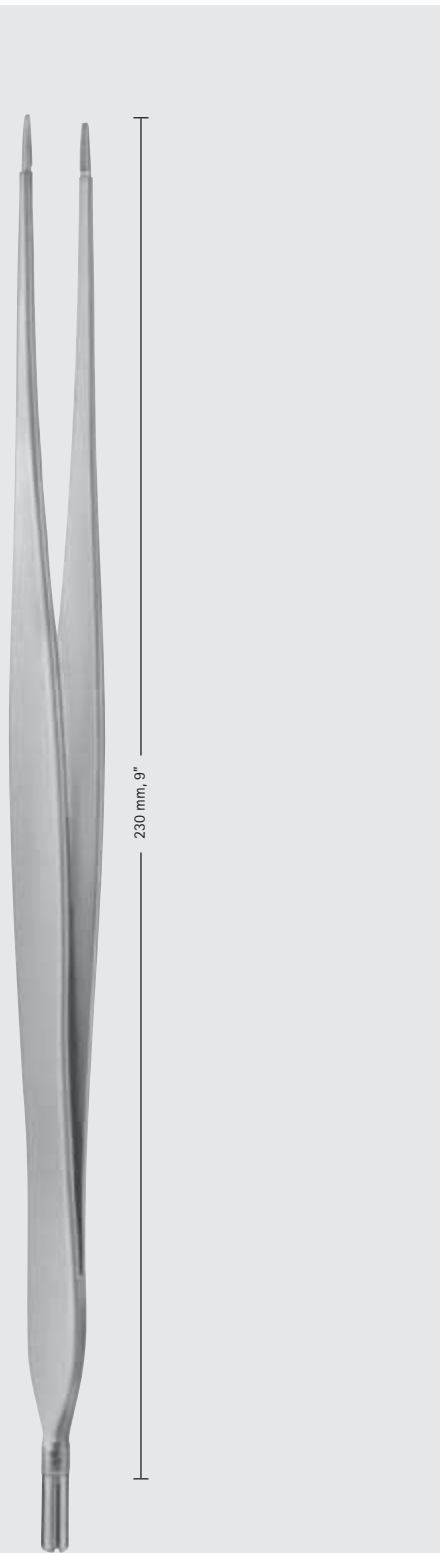
Elektrochirurgie – Electro Surgery

Pinzetten, isoliert

Forceps, Insulated

MONOPOLAR

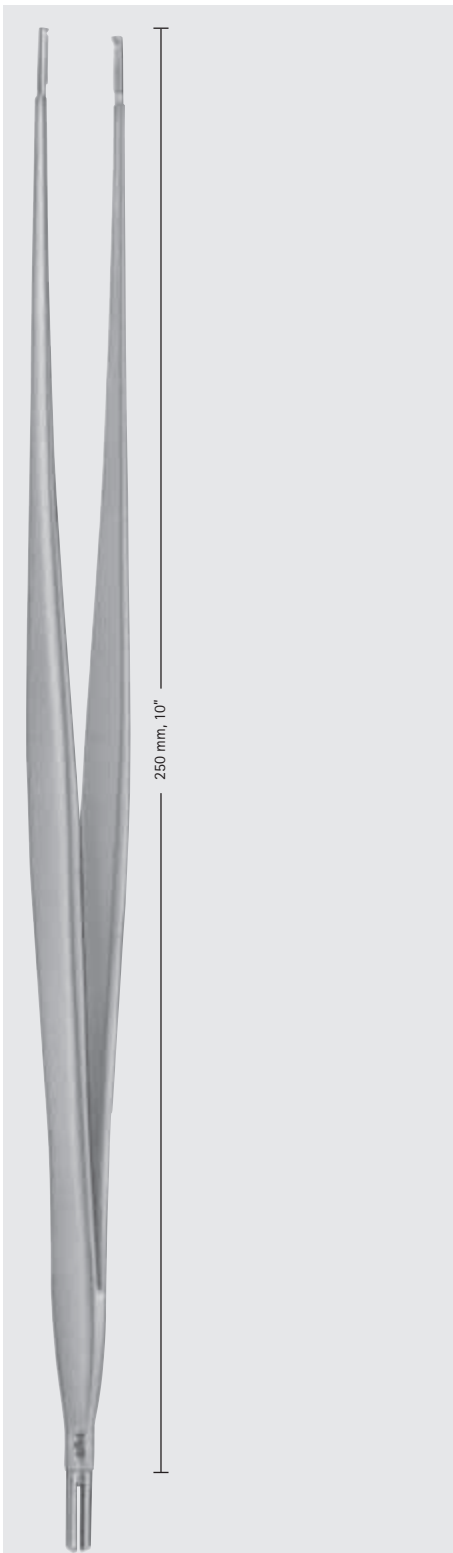
GK



REMINGTON-HOBB

GK737R

250 mm, 10"



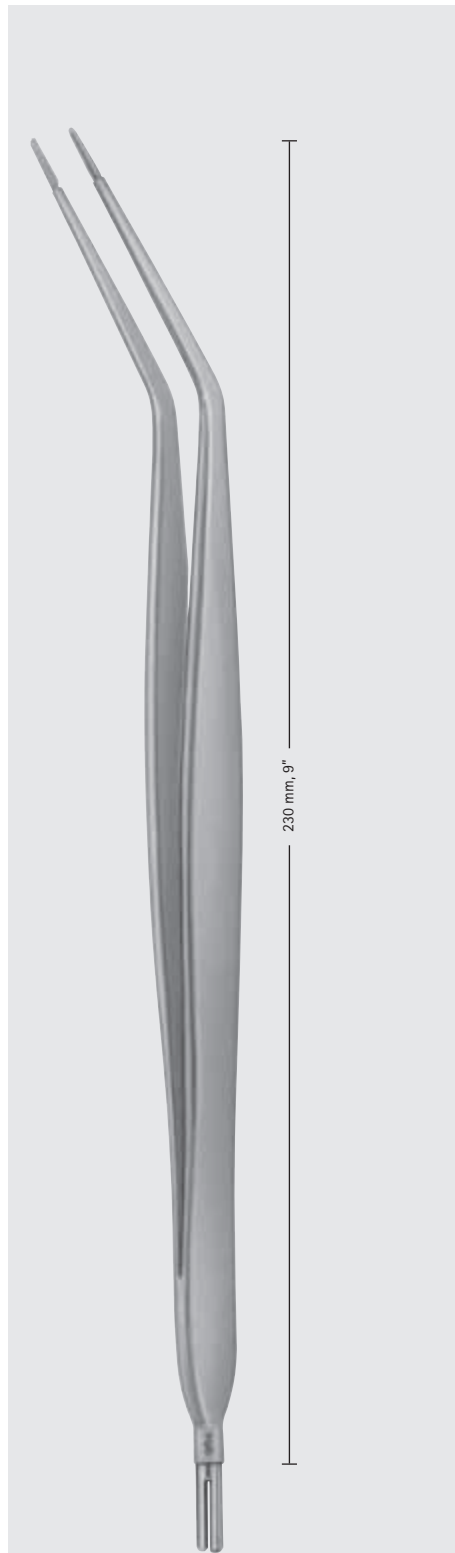
REMINGTON-HOBB

GK738R

1 x 2 Zähne

1 x 2 teeth

270 mm, 10 ³/₄"



REMINGTON-HOBB

GK739R

250 mm, 10"



Elektrochirurgie – Electro Surgery
Pinzetten, isoliert
Forceps, Insulated

MONOPOLAR



BD852R	BD853R	BD854R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

Anatomische Pinzette
Dissecting Forceps



BD855R	BD856R	BD857R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

1 x 2 Zähne
1 x 2 teeth

AIRAUMATA®



BD858R	BD859R	BD860R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

GK



MILLIMETERS

Elektrochirurgie – Electro Surgery

Klemmen, isoliert

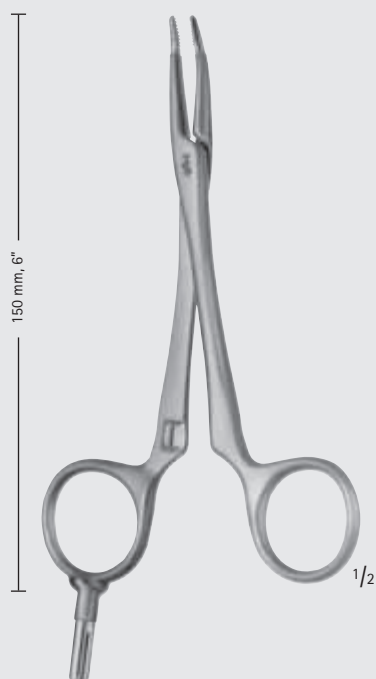
Forceps, Insulated

MONOPOLAR



4 mm

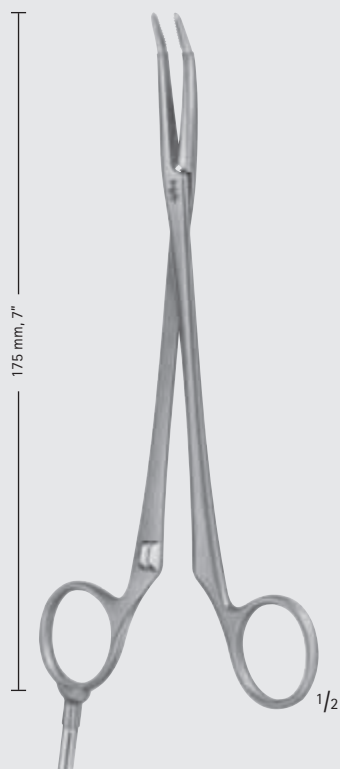
GK



RICHES

BH353R

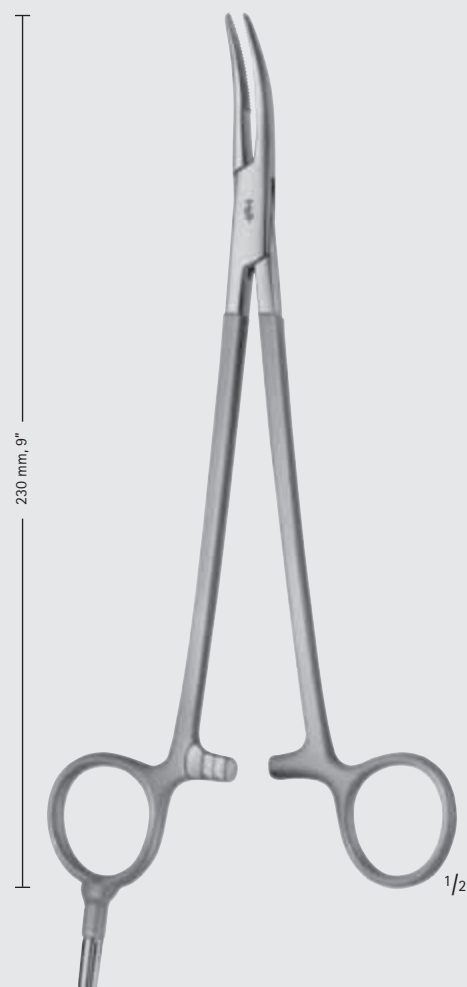
175 mm, 7"



RICHES

BH354R

200 mm, 8"



WILSON-HEY

BH243R

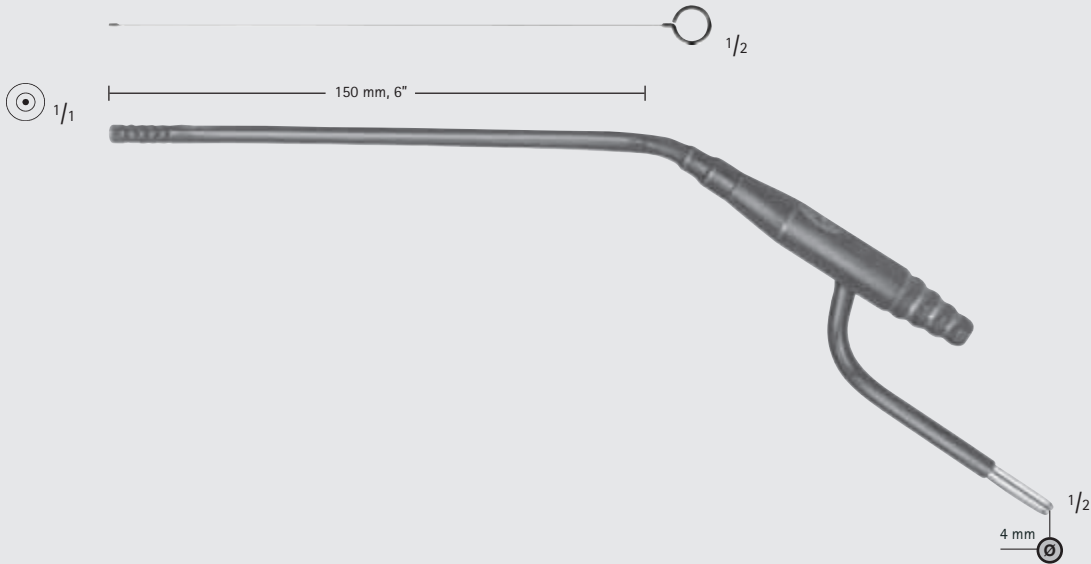
255 mm, 10"



Elektrochirurgie – Electro Surgery

Koagulations-Absaugkanülen Coagulation Suction Cannula

GK



LANDOLT

GK550

Koagulations-Absaugkanüle mit Mandrin
Coagulation suction cannula with mandrel



MILLIMETERS

Elektrochirurgie – Electro Surgery

Anschlusskabel
Connecting Cables

MONOPOLAR

GK



Geräteseite – Hersteller
On the equipment side – Manufacturer

Instrumentenseite
On the instrument side

GN202

3,5 m

Aesculap
ACMI
Berchtold
Martin



GN204

3,5 m



GK239

3,5 m

Erbe ACC/ICC



Monopolar Adapter
Monopolar adapter

GN216

Aesculap



Erbe, Storz

GK245

3,5 m

Erbe T



GK180

3,5 m



GK246

3,5 m

ACMI
Conmed
Erbe ICC intern.
Eschmann
Valleylab
US-Norm



GK181

3,5 m





BIPOLAR

Elektrochirurgie – Electro Surgery

Standard Koagulationspinzetten

Standard Coagulation Forceps



Aesculap Rundstecker
Aesculap round pin connector

schwarz isoliert
black insulation



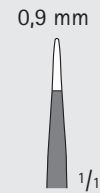
GK690R
120 mm, 4 $\frac{3}{4}$ "



GK720R-GK722R
160 mm, 6 $\frac{1}{4}$ "



GK723R
160 mm, 6 $\frac{1}{4}$ "



GK730R
200 mm, 8"

Drahtbürstchen zum
Reinigen von Koagulationspinzetten und
Koagulationselektroden.
Wire brush for cleaning
coagulation forceps
and coagulation electrodes.



GK299

GK



MILLIMETERS

Elektrochirurgie – Electro Surgery

Mikro- und Laborpinzetten

Micro and Laboratory Forceps

BIPOLAR



Euro Flachstecker
Euro tab connector



GK809R

scharf
sharp
125 mm, 5"



GK807R

fein
delicate
175 mm, 7"



GK808R

fein
delicate
220 mm, 8 3/4"

GK





BIPOLAR

Elektrochirurgie – Electro Surgery

Standard Koagulationspinzetten

Standard Coagulation Forceps



Aesculap Flachstecker
Aesculap tab connector

GK



GK700R GK701R

GK700R-GK701R

160 mm, 6 1/4"



GK703R

200 mm, 8"



GK711R

160 mm, 6 1/4"



GK713R

200 mm, 8"



MILLIMETERS

Elektrochirurgie – Electro Surgery

Standard Koagulationspinzetten

Standard Coagulation Forceps

BIPOLAR



Aesculap Flachstecker

Aesculap tab connector



GK595R

120 mm, 4 3/4"



GK596R

145 mm, 5 3/4"



GK597R

110 mm, 4 3/8"

GK





Elektrochirurgie – Electro Surgery

Sintram Koagulationspinzetten

Sintram Coagulation Forceps

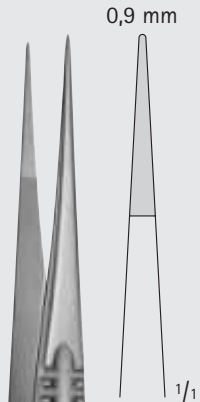
BIPOLAR



Aesculap Flachstecker
Aesculap tab connector

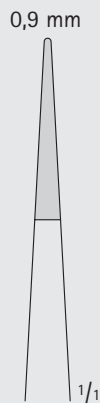
NON STICKING

Bipolare Koagulationspinzette mit Sintram-Spitzen verhindern das Ankleben der koagulierten Gefäße.
Bipolar coagulation forceps with Sintram tips do not stick to coagulated vessels.



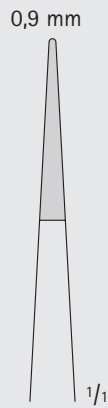
GK604R

160 mm, 6 1/4"
gerade
straight



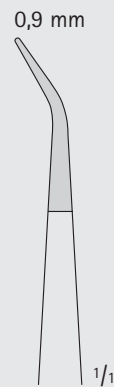
GK605R

185 mm, 7 1/4"
gerade
straight



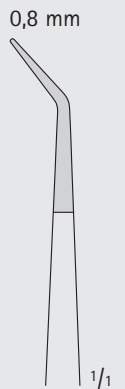
GK606R

200 mm, 8"
gerade
straight



GK624R

160 mm, 6 1/4"
abgewinkelt
angled



GK625R

200 mm, 8"
abgewinkelt
angled

GK



Elektrochirurgie – Electro Surgery

Pinzette, vollisolierte Spitze

Forceps, Fully Insulated Tip

BIPOLAR

GK



Aesculap Flachstecker
Aesculap tab connector



BARRE

GK685R

260 mm,
10 1/4"



GK881R

160 mm,
6 1/4"



GK882R

200 mm,
8"



GK883R

230 mm, 9"



GK884R

250 mm,
10"



GK885R

300 mm,
12"



GK886R

160 mm,
6 1/4"



BIPOLAR

Elektrochirurgie – Electro Surgery

Pinzette, teilisolierte Spitze
Forceps, Partly Insulated Tip



Aesculap Flachstecker
Aesculap tab connector

GK



GK891R
160 mm,
6 1/4"



GK892R
200 mm,
8"



GK893R
230 mm,
9"



GK894R
250 mm,
10"



GK895R
300 mm,
12"



GK896R
160 mm,
6 1/4"





METZENBAUM

BC685R-BC686R

180 mm, 7"



METZENBAUM

BC687R-BC688R

230 mm, 9"



METZENBAUM

BC689R-BC690R

280 mm, 11"

Länge
Length

180 mm

7"

230 mm

9"

280 mm

11"



1/1

Standard-Spitze
Standard tip

BC685R



1/1

Feine Spitze
Fine tip

BC686R

BC687R

BC688R

BC689R

BC690R



Anti Verdreh Kabel

Kabel und Anschlüsse sind so konstruiert, dass sich die Kabel nicht verdrehen können. Dadurch ist gewährleistet, dass die Schere auch nach mehrmaligem Rotieren noch geöffnet werden kann.

Anti-twist cable

The BiopJet cable and jack are designed and constructed in such a way that the cable cannot become twisted. This means that the scissors can still be opened even after being rotated repeatedly.



BIPOLAR

Elektrochirurgie – Electro Surgery

Klemmen und Handschalter

Bipolar Forceps and Finger Switches

bipoJet



BH686R	BH687R	BH689R
180 mm	230 mm	280 mm
7"	9"	11"



BH686R-BH689R

Bipolare Handschalter

- ermöglichen die Aktivierung des HF Generators ohne Fußschalter
- verwendbar mit GN640 Nelson deluxe oder der bipolaren Schaltbox GN310

Bipolar finger switches

- allows the activation of the HF generator without foot switch
- to be used with GN640 Nelson deluxe or with the bipolar switch box GN310



GN084

für BipoJet Schere
for BipoJet scissors



GN086

für BipoJet Klemmen
for BipoJet clamps

Nelson Bibox – Bipolare Schaltbox

- ermöglicht den Anschluss der Handschalter GN084 und GN086 an HF Geräte anderer Hersteller
- es können bis zu zwei bipolare Instrumente mit Hand- oder Fußschalter betrieben werden

Nelson Bibox – Bipolar switchbox

- allows the connection of the finger switches GN084 and GN086 to HF units of other suppliers
- allows the use of two bipolar instruments parallelly with finger or foot switch activation



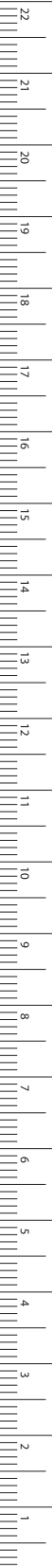
305 x 75 x 305 mm

GN310

Nelson Bibox
Bipolare Schaltbox
Nelson Bibox
Bipolar switchbox

Weitere Informationen finden Sie in unserem Prospekt C304.
For further details see brochure No. C304.

GK



Elektrochirurgie – Electro Surgery

Anschlusskabel

Connecting Cables

BIPOLAR

GK



Geräteseite – Hersteller

On the equipment side – Manufacturer

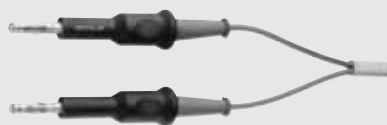
Instrumentenseite

On the instrument side

GN080

5 m

ACMI
Codman
Conmed
Erbe international
Olympus
Valleylab



GN081

5 m

Aesculap
Berchthold
Martin
R. Wolf



GN082

5 m

Erbe
Storz



GN083

5 m

Für Aesculap
Elektrochirurgie
Geräte:
For Aesculap
Generators:
GK020
GK021
GK030
GK034
GK050
GK051



GN085

5 m

Aesculap
Bowa
EMC
Lamidey
Söring
Valleylab



INCHES



Elektrochirurgie – Electro Surgery

Anschlusskabel Connecting Cables

BIPOLAR

Geräteseite – Hersteller

On the equipment side – Manufacturer

Instrumentenseite

On the instrument side

GN073

3,5 m

GN077

5,0 m

GN076

3,5 m

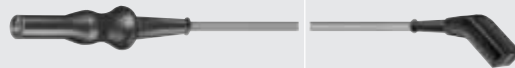
GN078

5,0 m

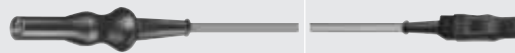
GN074

3,5 m

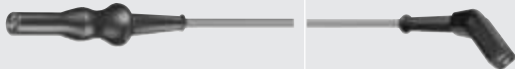
Aesculap
ACMI
Berchtold
Martin
Wolf



|| Aesculap
Flachstecker
tab connector



□ Euro-Flachstecker
Euro tab connector



●● Aesculap
Rundstiftstecker
Round pin connector

GK200

3,5 m

GK183

3,5 m

GK210

3,5 m

Aesculap
ACMI
Codman
Conmed
Olympus
Valleylab



|| Aesculap
Flachstecker
tab connector



□ Euro-Flachstecker
Euro tab connector



●● Aesculap
Rundstiftstecker
Round pin connector

XF830

3,5 m

GK216

3,5 m

GK213

5 m

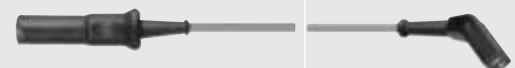
GK185

3,5 m

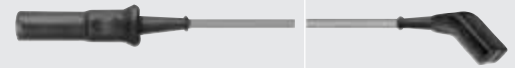
GK188

5,0 m

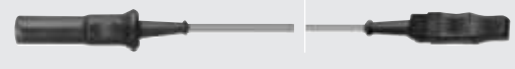
Erbe
Storz



●● Aesculap
Rundstiftstecker
Round pin connector



|| Aesculap
Flachstecker
tab connector



□ Euro-Flachstecker
Euro tab connector

Bipolar Adapter
Bipolar adapter

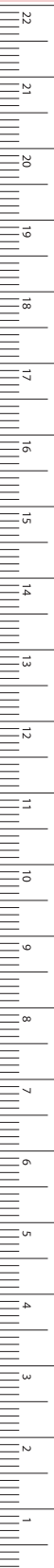


Erbe, Storz

GN217

Aesculap

GK



MILLIMETERS

Elektrochirurgie – Electro Surgery

Anschlusskabel

Connecting Cables

BIPOLAR

GK

Geräteseite – Hersteller

On the equipment side – Manufacturer

Instrumentenseite

On the instrument side

GK217

3,5 m

Codman



II Aesculap
Flachstecker
tab connector

GK193

3,5 m

Aesculap
Bowa
EMC
Lamidey
Söring
Valleylab



II Aesculap
Flachstecker
tab connector

GK194

3,5 m

Pin Abstand 29 mm
Pin distance 29 mm



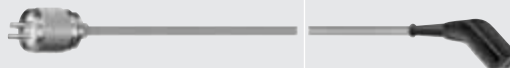
II Euro-Flachstecker
Euro tab connector

GK202

3,5 m

AESCULAP

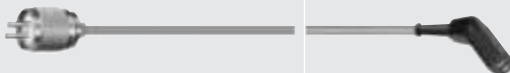
GK020
GK021
GK030
GK034
GK050
GK051



II Aesculap
Flachstecker
tab connector

GK212

3,5 m



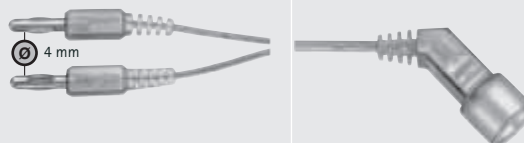
II Aesculap
Rundstiftstecker
Round pin connector

Single Use

GK211

3,5 m

AESCULAP
ACMI
Codman
Conmed
Olympus
Valleylab



II für Pinzetten mit
Aesculap-Flach-
stecker und
Rundstiftstecker
for forceps with
Aesculap tab con-
nector and round
pin connector



Elektrochirurgie – Electro Surgery

Zubehör
Accessoir

GK



Weitere Informationen finden Sie in unserem Prospekt C30481.

For further details see brochure No. C30481.

Inhalt C30481 „Elektrochirurgie Zubehör“ Table of Contents C30481 "Electrosurgical Accessories"

- Geräte und Zubehör
Units and Accessories
- Monopoles Equipment für die offene Chirurgie
Monopolar equipment for open surgery
- Bipolares Equipment – Koagulationspinzetten
Bipolar equipment – Coagulation forceps
- Neutralelektroden
Neutral electrodes
- Kabel und Adapter
Cables and Adapter
- Elektrochirurgie in der Endoskopie
Electrosurgical Endoscopy



MILLIMETERS





EA



**Abdominale Chirurgie, Magen-, Darm-
und Rektum-Instrumente**

Abdominal Surgery, Intestinal- and
Rectal Instruments

Abdominale Chirurgie – Abdominal Surgery

Darm- und Gewebefasszangen

Intestinal- and Tissue Grasping Forceps



CHAPUT

BF300R

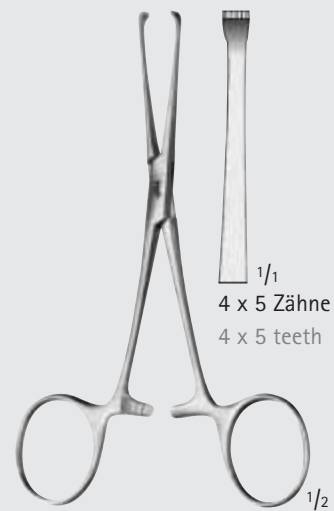
125 mm, 5"



TUFFIER

BF301R

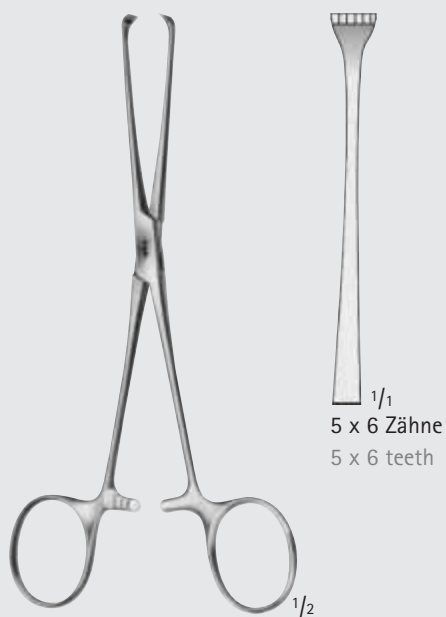
125 mm, 5"



BABY-ALLIS

EA012R

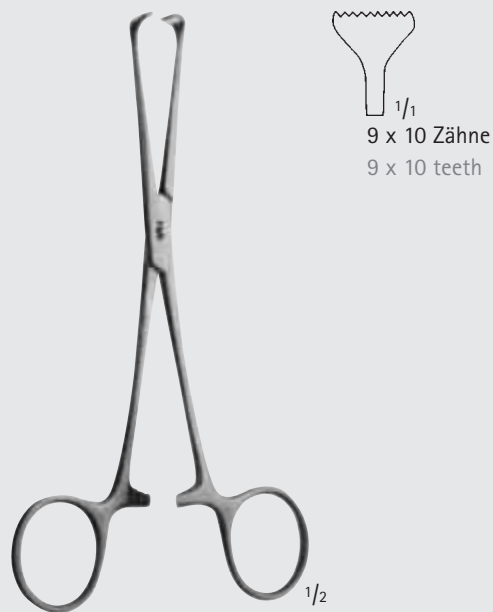
130 mm, 5 1/8"



BOYS-ALLIS

EA010R

155 mm, 6"



ALLIS-ADAIR

MD568

160 mm, 6 1/4"



Abdominale Chirurgie – Abdominal Surgery

Darm- und Gewebefasszangen

Intestinal- and Tissue Grasping Forceps

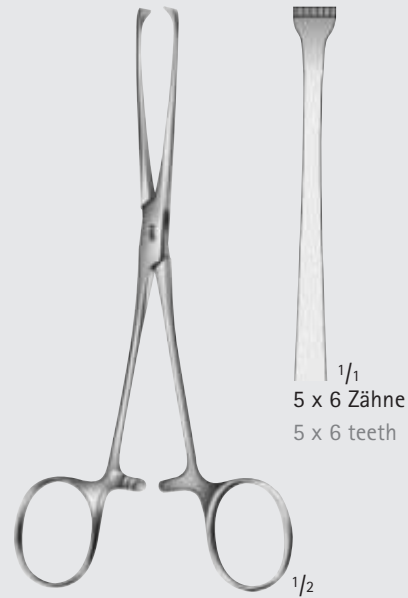
EA



ALLIS

EA013R-EA015R

155 mm, 6"



ALLIS

EA016R

155 mm, 6"



ALLIS

EA017R-EA018R

5 x 6 Zähne
zarte Modelle
5 x 6 teeth
slendern patterns



ALLIS

FB938R

220 mm, 8 3/4"

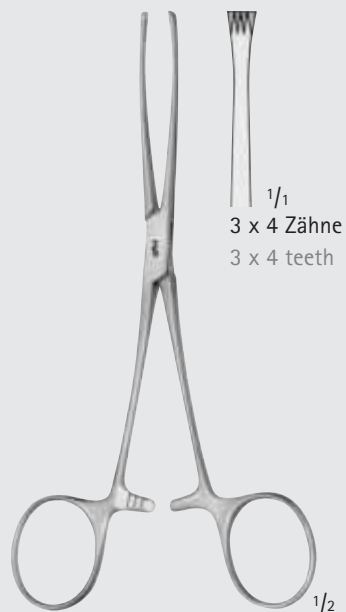


MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Organ- und Gewebefasszangen

Organ- and Tissue Grasping Forceps



JUDD-ALLIS

EA025R

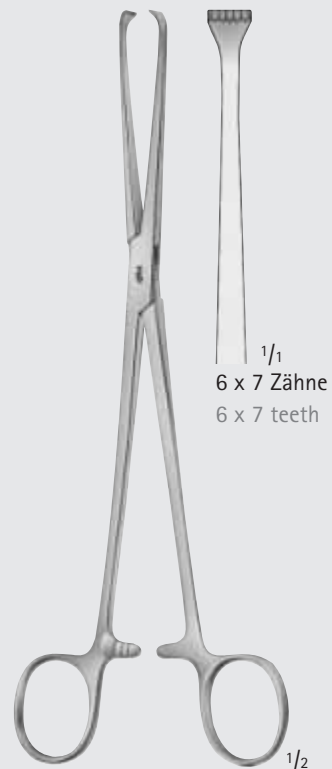
155 mm, 6"



JUDD-ALLIS

EA026R

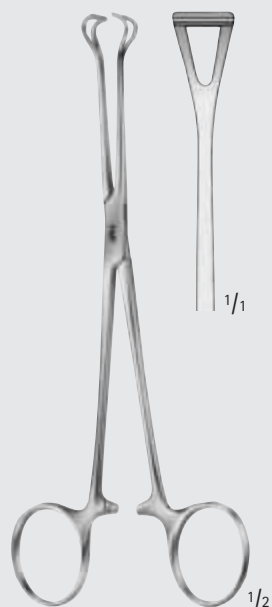
195 mm, 7 3/4"



ALLIS-THOMS

EA020R

200 mm, 8"



BABCOCK

EA030R

155 mm, 6"



BABCOCK

EA031R-EA033R

EA031R	EA032R	EA033R
170 mm	215 mm	200 mm
6 3/4"	8 1/2"	8"



BABCOCK

FB934R

220 mm, 8 3/4"

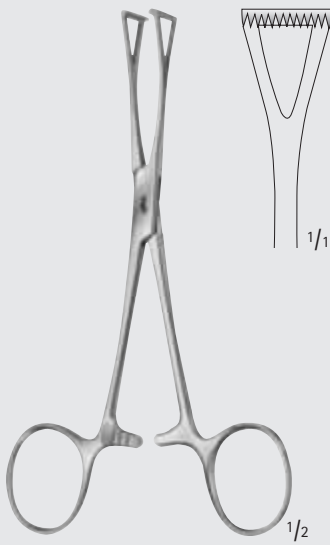


Abdominale Chirurgie – Abdominal Surgery

Darmfasszangen

Intestinal Grasping Forceps

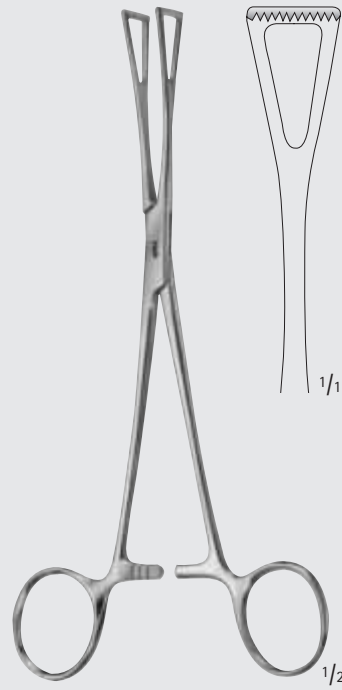
EA



COLLIN

EA039R

140 mm, 5 1/2"



COLLIN

EA040R

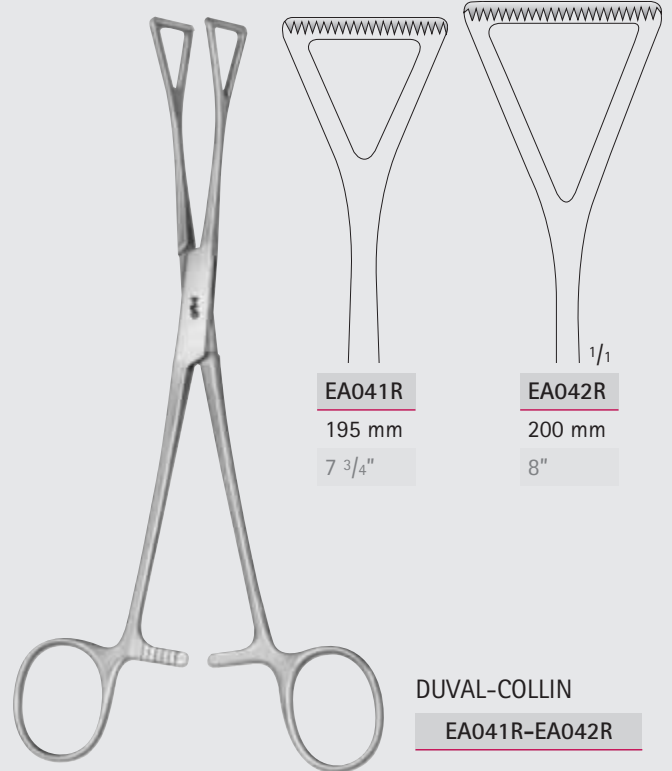
180 mm, 7"



LOCKWOOD

EA036R

200 mm, 8"



EA041R

195 mm

7 3/4"

EA042R

200 mm

8"

DUVAL-COLLIN

EA041R-EA042R

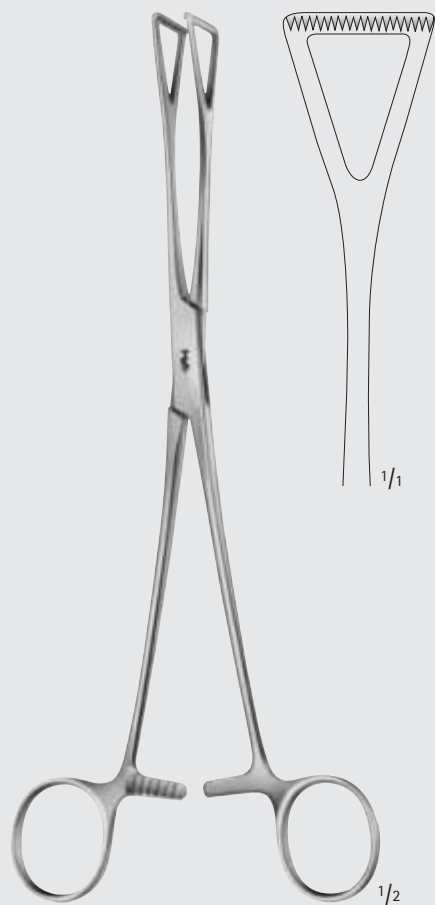


MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Darmfasszangen

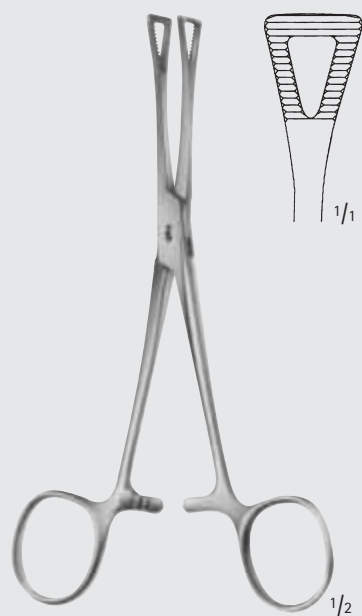
Intestinal Grasping Forceps



DUVAL

FB930R

230 mm, 9"



PENNINGTON

BH902R

155 mm, 6"



PENNINGTON

EA037R

200 mm, 8"

EA

INCHES

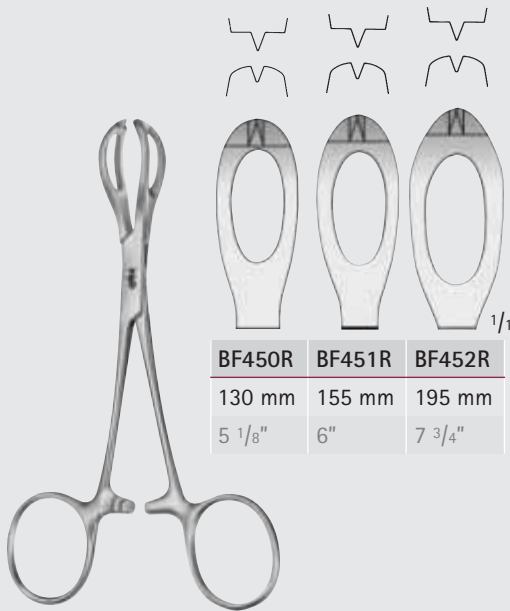


Abdominale Chirurgie – Abdominal Surgery

Organ-, Gewebefasszangen und Pinzetten

Organ-, Tissue Grasping Forceps and Dissecting Forceps

EA



LANE

BF450R-BF452R

BF450R	BF451R	BF452R
130 mm	155 mm	195 mm
5 1/8"	6"	7 3/4"



WILLIAMS

EA028R

160 mm, 6 1/4"



DENIS-BROWNE

EA027R

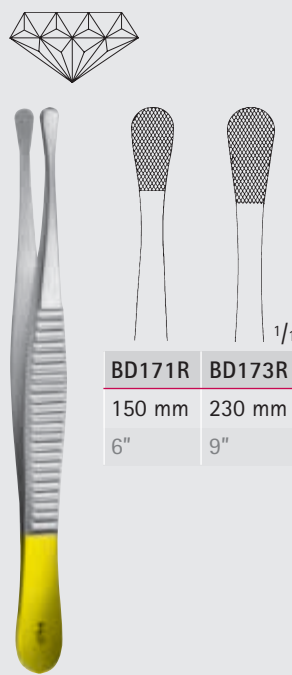
190 mm, 7 1/2"



DUVAL

BD820R

140 mm, 5 1/2"



WANGENSTEEN

BD171R-BD173R

BD171R	BD173R
150 mm	230 mm
6"	9"



STILLE-BARRAYA

BD725R-BD727R

BD725R	BD726R	BD727R
180 mm	200 mm	250 mm
7"	8"	10"
3 x 4 Zähne	3 x 4 Zähne	4 x 5 Zähne
3 x 4 teeth	3 x 4 teeth	4 x 5 teeth



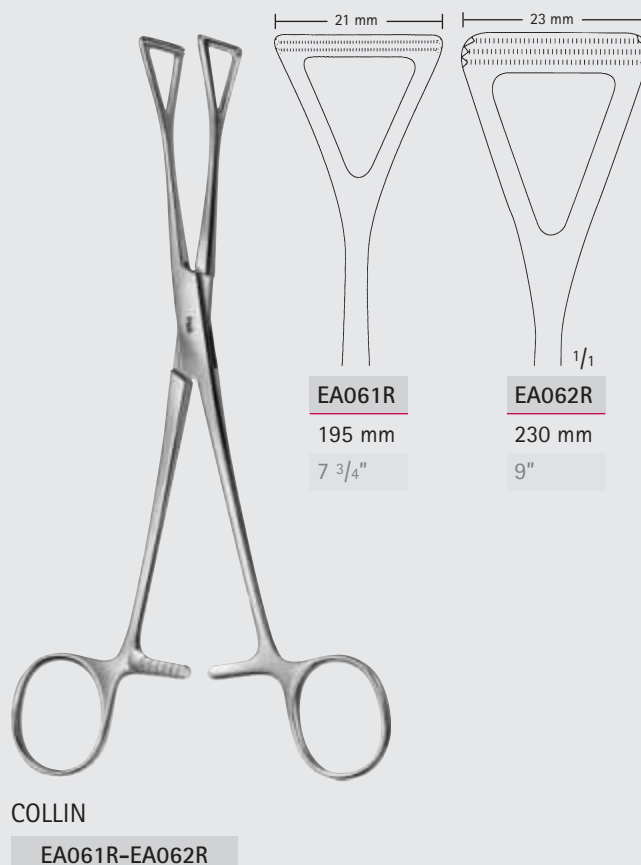
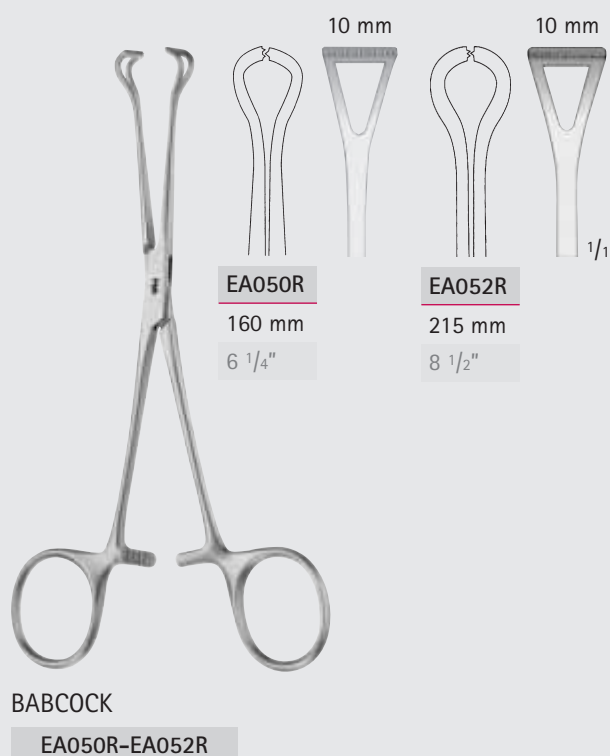
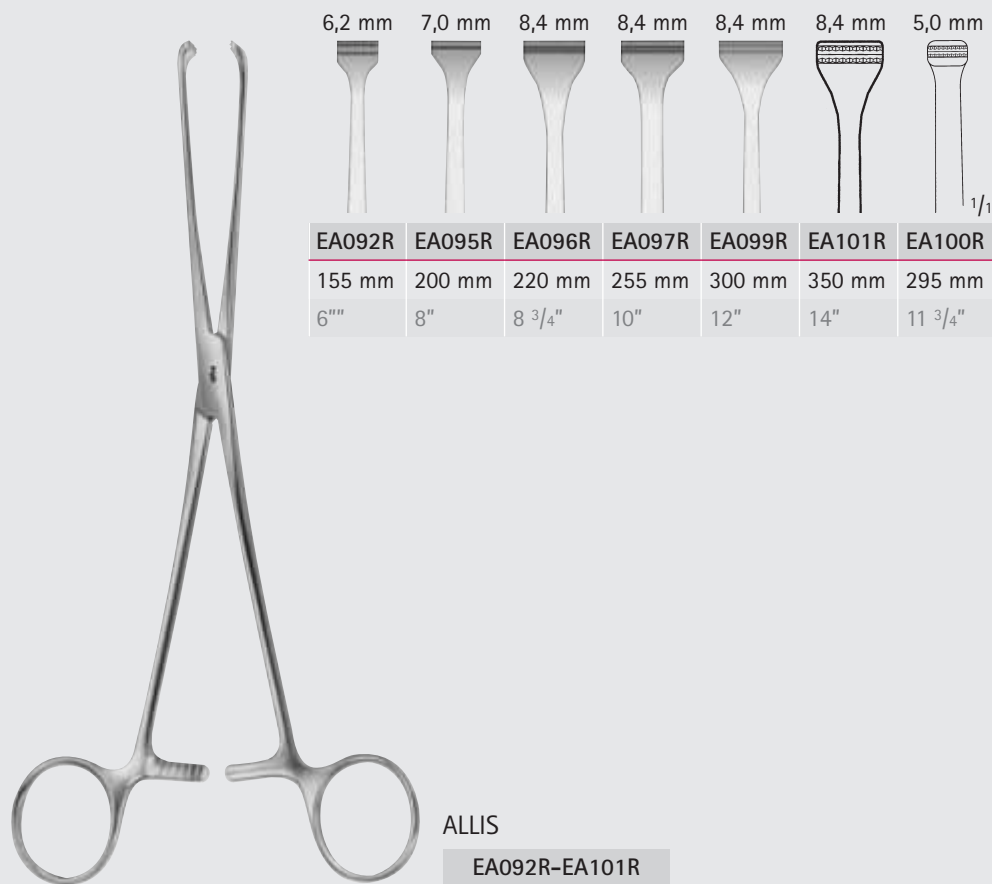
MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Organ-, Gewebe- und Darmfasszangen

Organ-, Tissue and Intestinal Grasping Forceps

ATRAUMATA®





TRAUMATA®

Abdominale Chirurgie – Abdominal Surgery

Organ-, Gewebe- und Darmfasszangen
Organ-, Tissue and Intestinal Grasping Forceps

EA



BABCOCK

FB936R

220 mm, 8 3/4"



MD470



MILLIMETERS

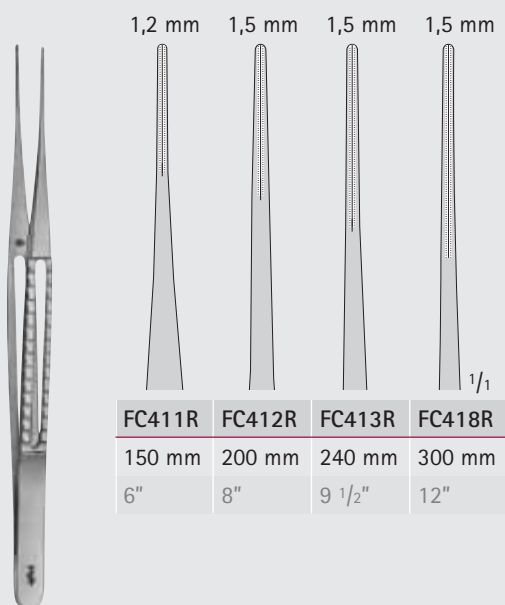
Abdominale Chirurgie – Abdominal Surgery

Ultra-Light Pinzetten, Pinzetten

Ultra-Light-Forceps, Dissecting Forceps

TRAUMATA®

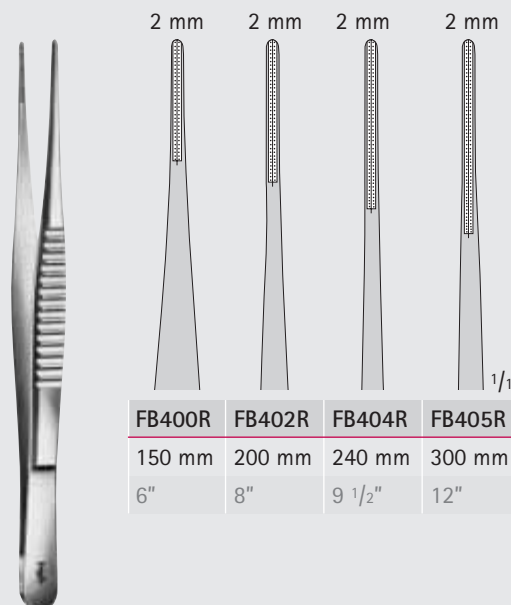
EA



FC411R	FC412R	FC413R	FC418R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

FC411R-FC418R

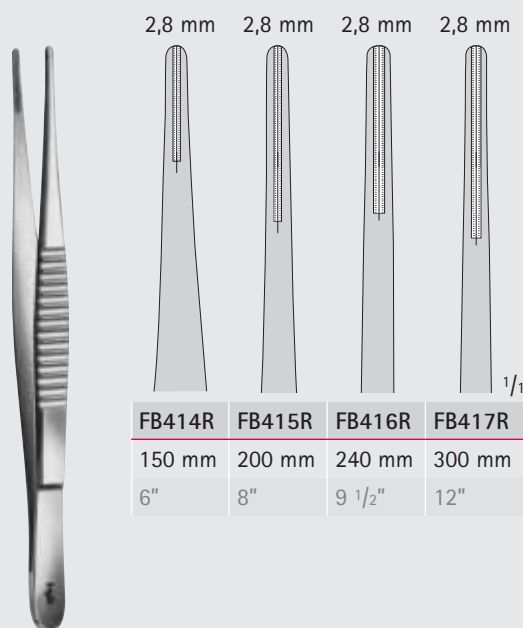
Ultra-Light Pinzetten
Ultra-Light-Forceps



FB400R	FB402R	FB404R	FB405R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

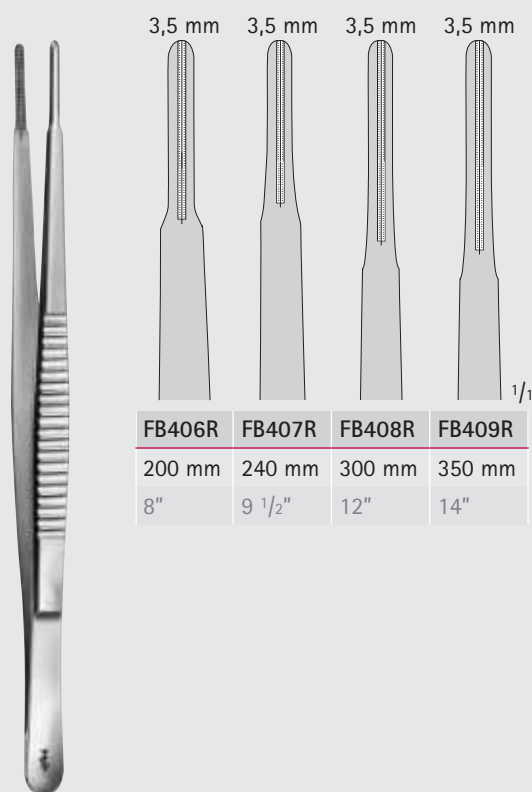
FB400R-FB405R



FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB414R-FB417R



FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

DE BAKEY

FB406R-FB409R

350 mm, 14"

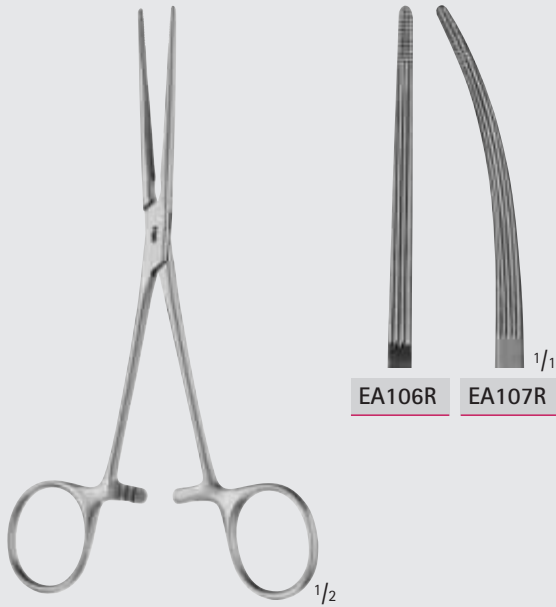


Abdominale Chirurgie – Abdominal Surgery

Darmklemmen für Kinder

Intestinal Clamps for Children

EA



BAINBRIDGE

EA106R-EA107R

155 mm, 6"



ALLEN

EA114R

155 mm, 6"



BABY-KOCHER

EA116R-EA117R

sehr elastisch
very elastic
130 mm, 5 1/8"

AIRAUMATA®



BABY-KOCHER

EA220R-EA221R

weich und elastisch
soft and elastic
130 mm, 5 1/8"



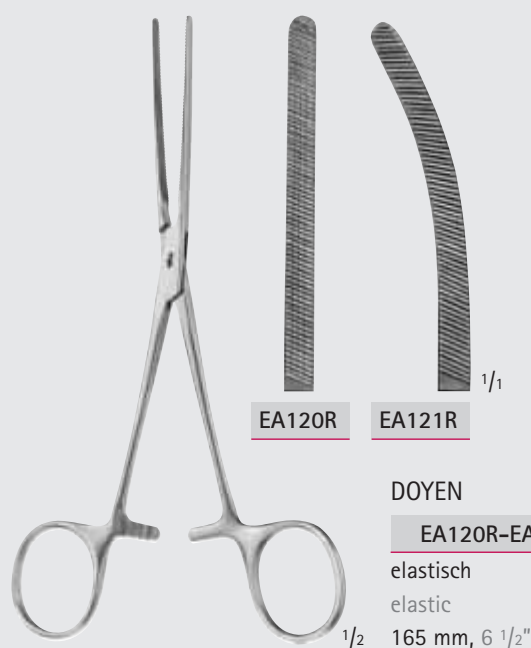
MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

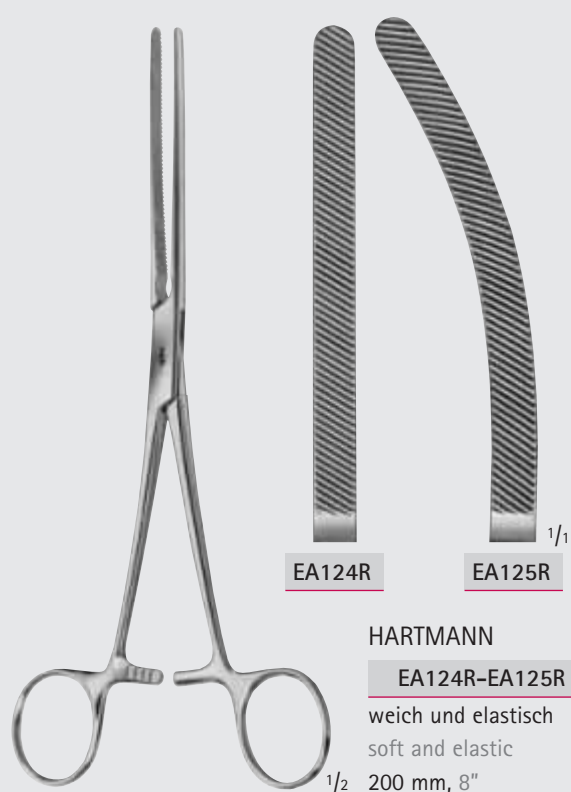
Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

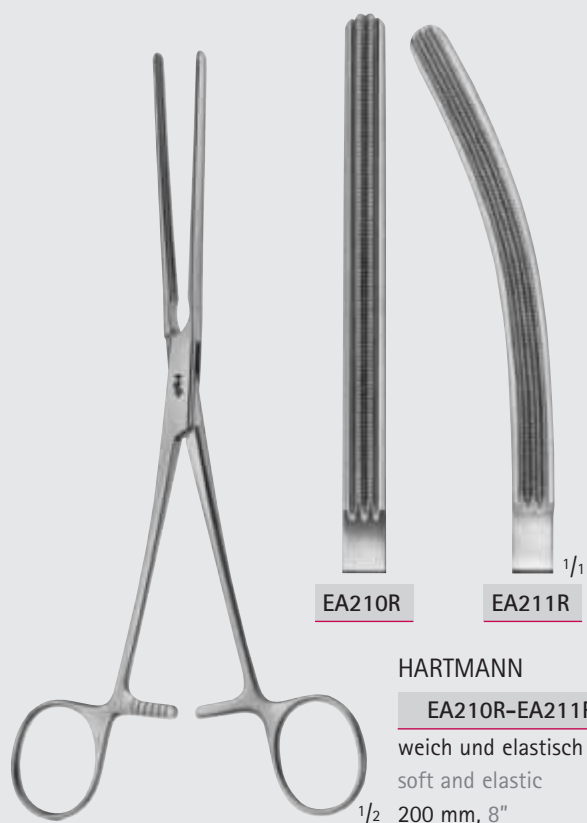
EA



TRAUMATA®



TRAUMATA®

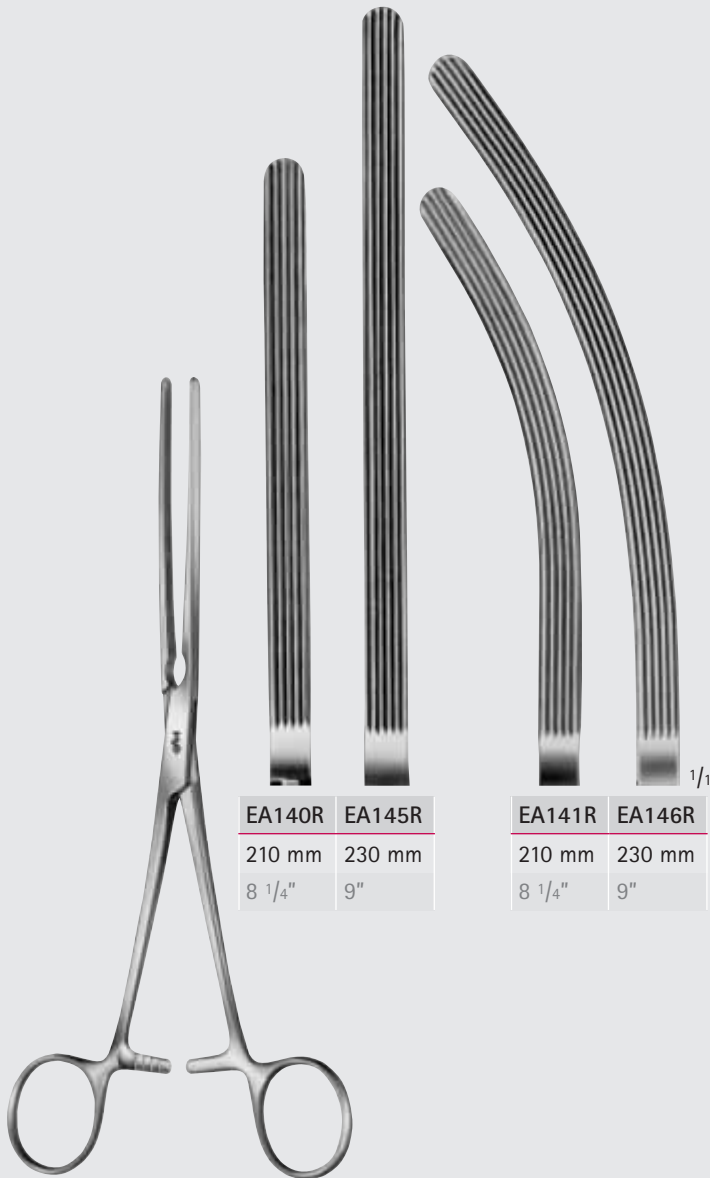




Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd
Intestinal Clamps, Soft Elastic

EA



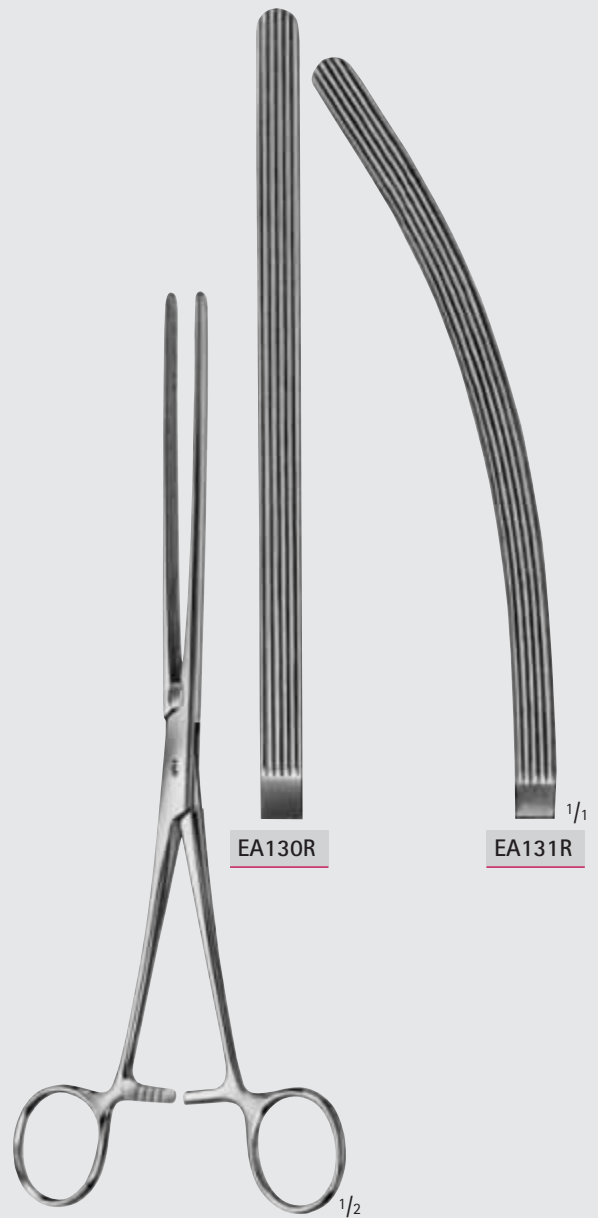
EA140R	EA145R
210 mm	230 mm
8 1/4"	9"

EA141R	EA146R
210 mm	230 mm
8 1/4"	9"

KOCHER

EA140R-EA146R

weich und elastisch
soft and elastic



EA130R

EA131R

DOYEN

EA130R-EA131R

weich und elastisch
soft and elastic
240 mm, 9 1/2"



MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

EA



DOYEN

EA126R-EA127R

weich und elastisch

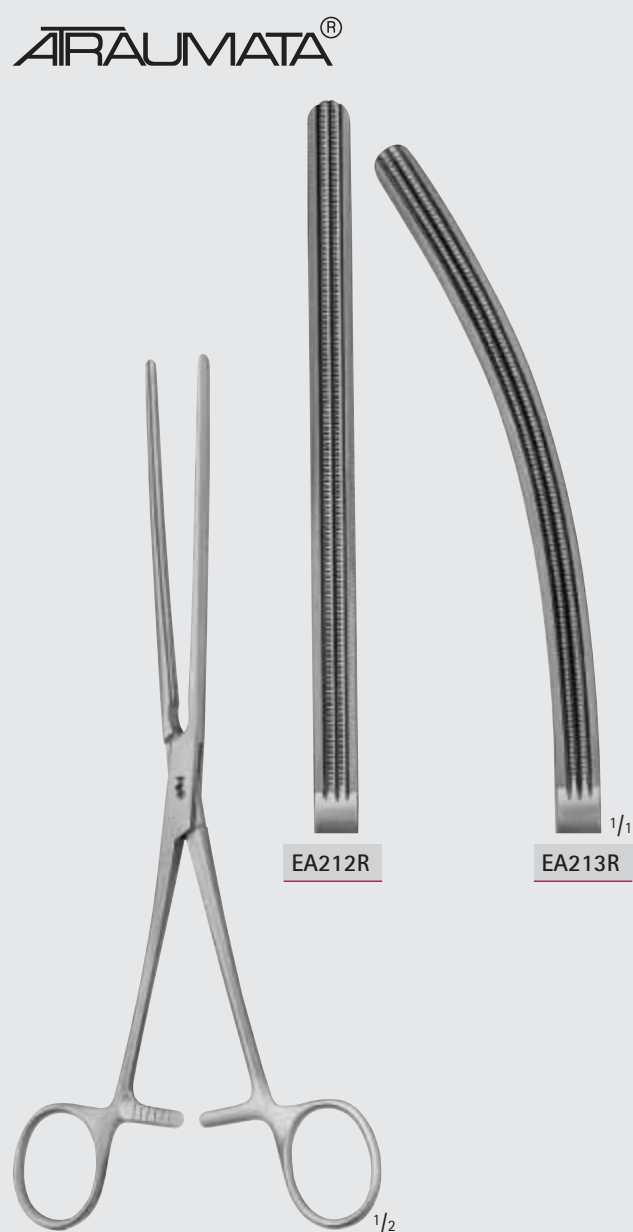
soft and elastic

235 mm, 9 1/4"



EA126R

EA127R



DOYEN

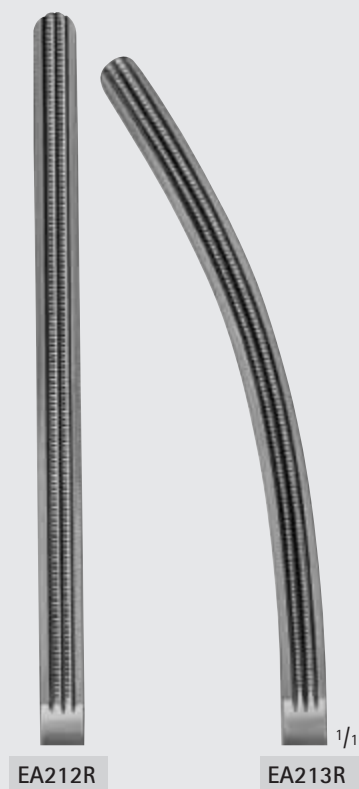
EA212R-EA213R

weich und elastisch

soft and elastic

230 mm, 9"

AIRAUMATA®



EA212R

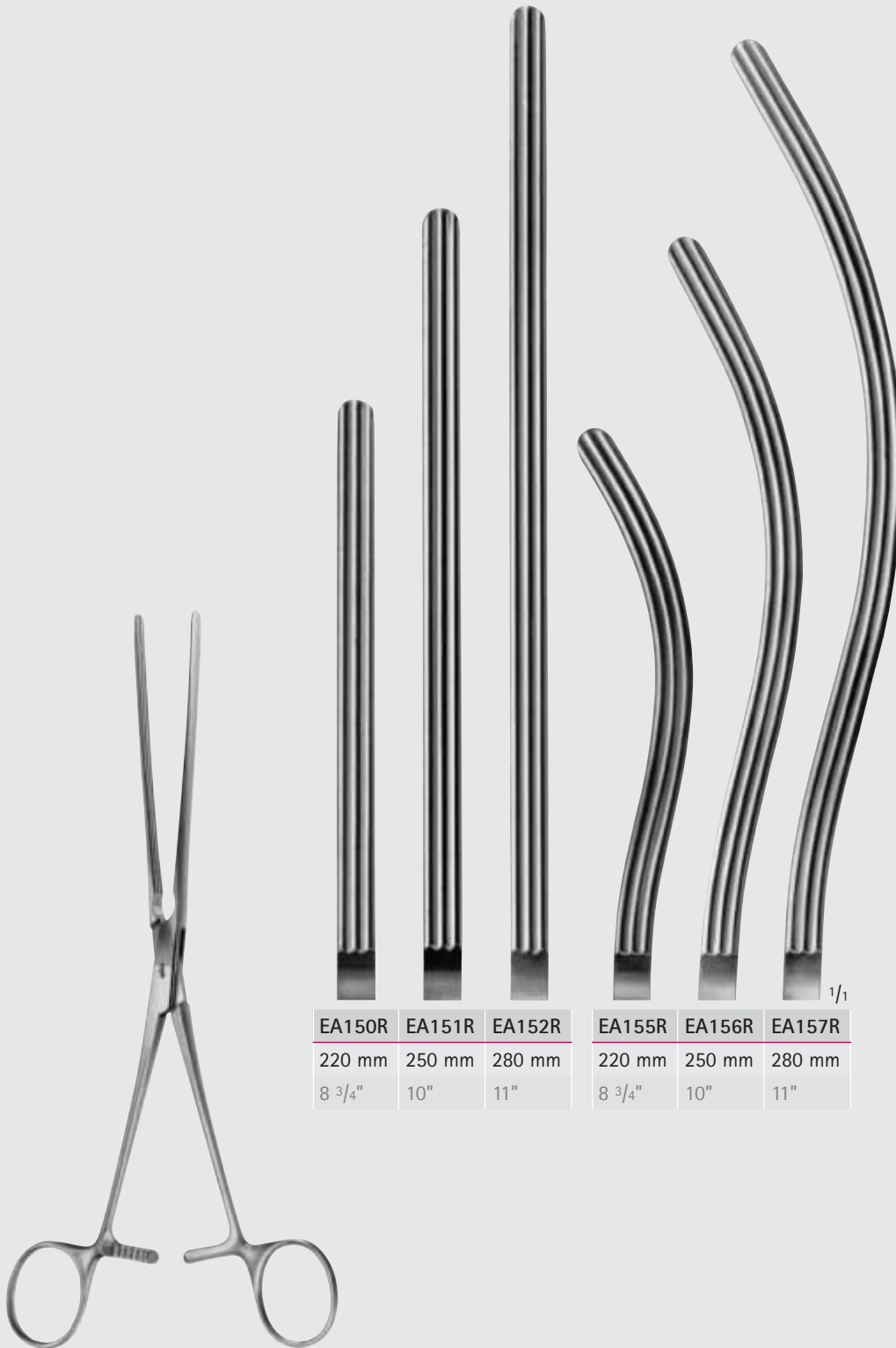
EA213R



Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd
Intestinal Clamps, Soft Elastic

EA



EA150R	EA151R	EA152R	EA155R	EA156R	EA157R
220 mm	250 mm	280 mm	220 mm	250 mm	280 mm
8 $\frac{3}{4}$ "	10"	11"	8 $\frac{3}{4}$ "	10"	11"

KOCHER

EA150R-EA157R

sehr weich und elastisch
very soft and elastic

MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

AIRAUMATA®

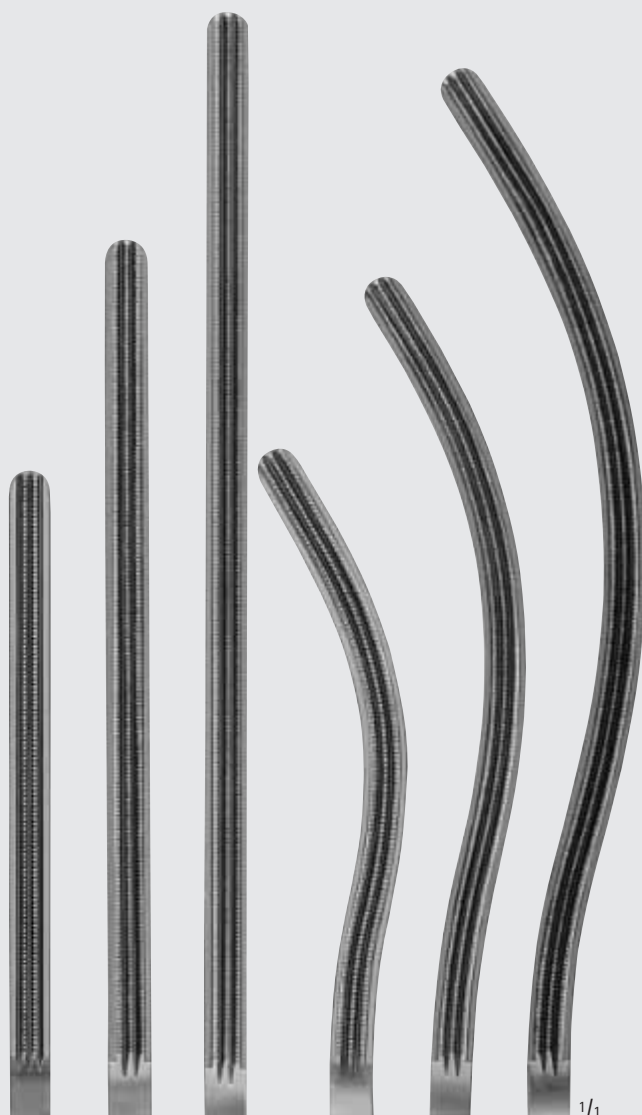


KOCHER

EA202R-EA207R

sehr weich und elastisch

very soft and elastic



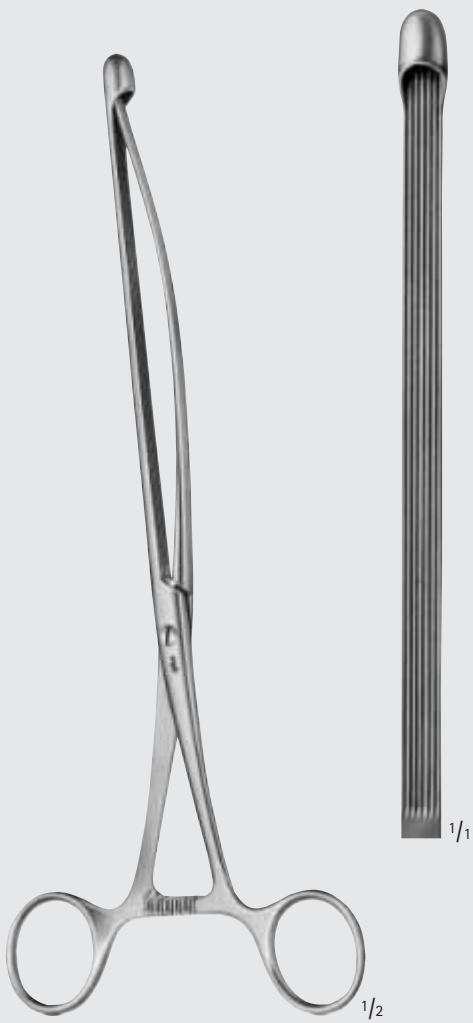
EA202R	EA204R	EA206R	EA203R	EA205R	EA207R
220 mm	250 mm	280 mm	220 mm	250 mm	280 mm
8 3/4"	10"	11"	8 3/4"	10"	11"



Abdominale Chirurgie – Abdominal Surgery

Darmklemmen Intestinal Clamps

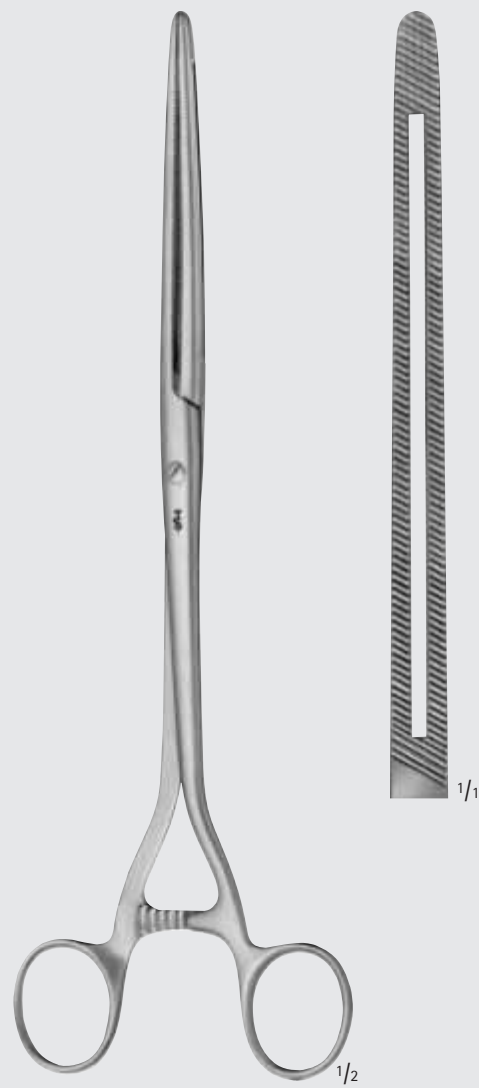
EA



NUSSBAUM

EA176R

weich und elastisch
soft and elastic
250 mm, 10"



MOYNIHAN

EA182R

280 mm, 11"

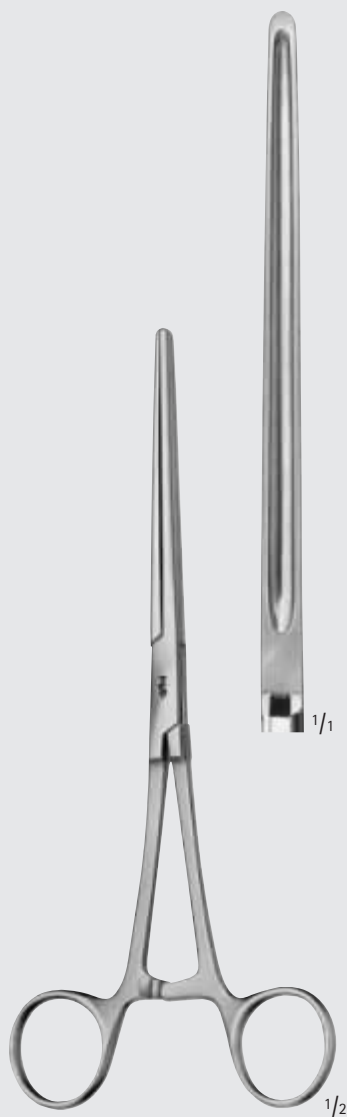


Abdominale Chirurgie – Abdominal Surgery

Darmklemmen

Intestinal Clamps

EA



LANG-STEVENSON

EA132R

200 mm, 8"



SCHOEMAKER

EA321R

Colectomie-Klemme

Colectomy clamp

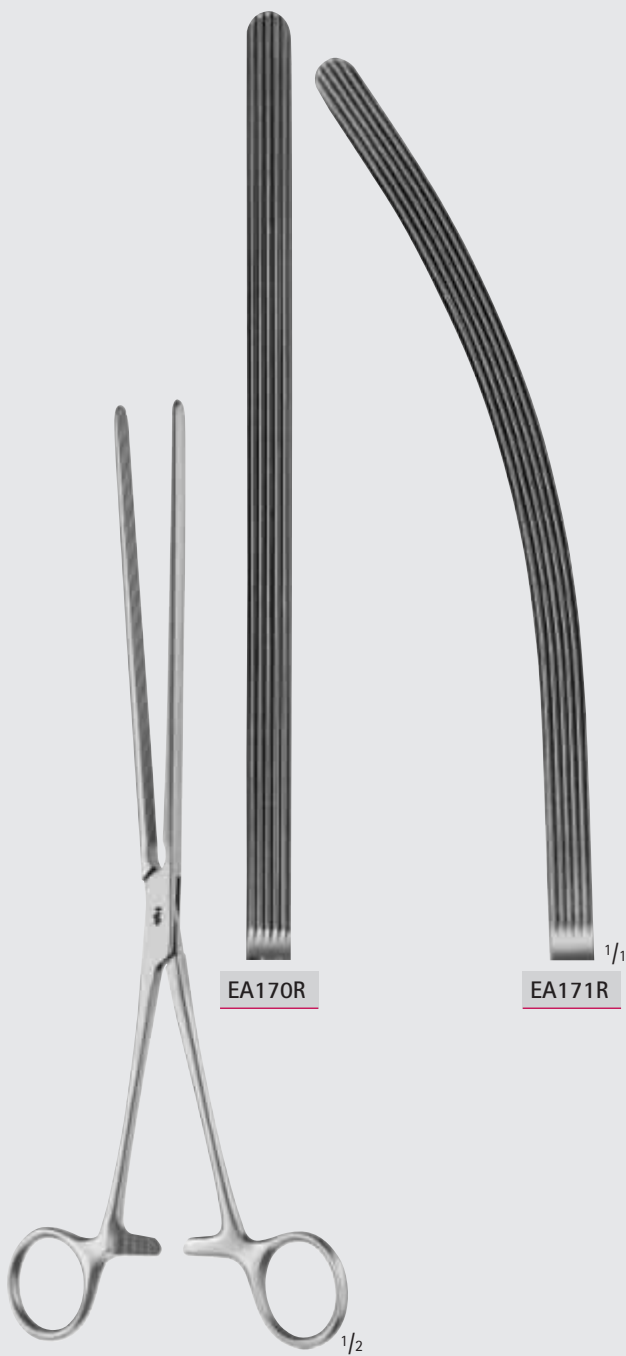
200 mm, 8"



Abdominale Chirurgie – Abdominal Surgery

Darmklemmen Intestinal Clamps

EA

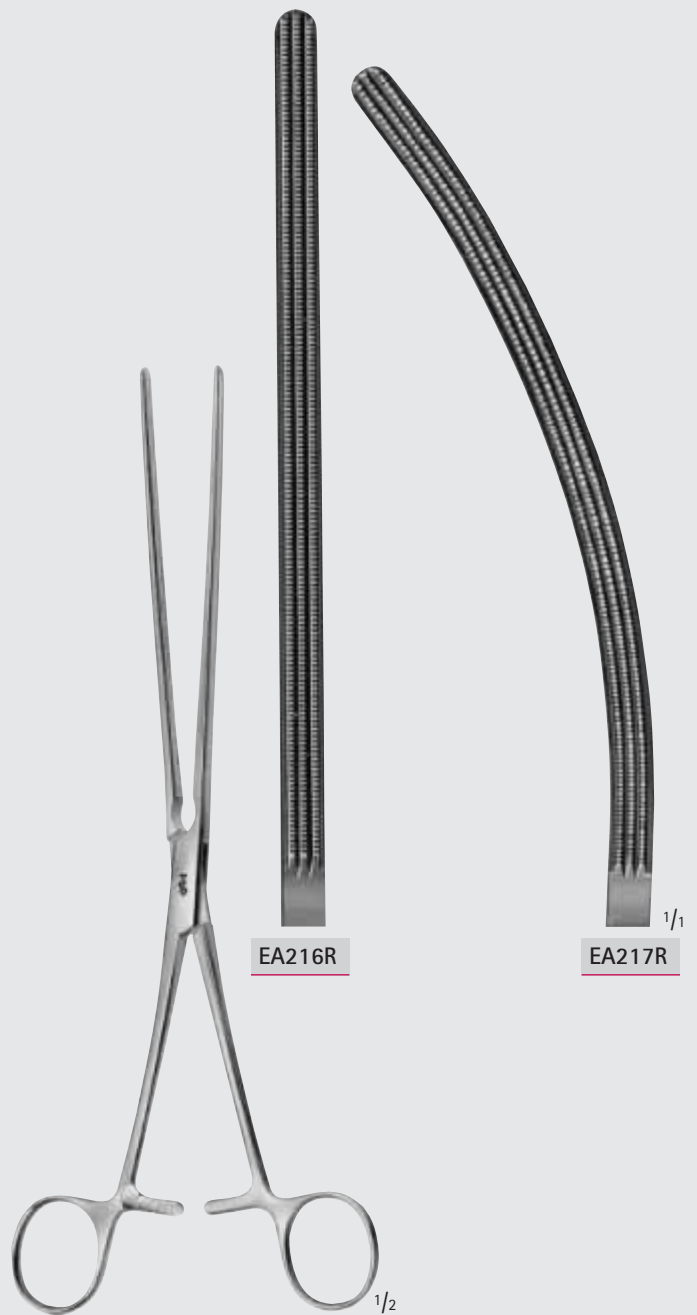


MAYO-ROBSON

EA170R-EA171R

hart federnd
hard elastic
250 mm, 10"

AIRAUMATA®



MAYO-ROBSON

EA216R-EA217R

250 mm, 10"



MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Magen- und Darm- Zwillingsklemmen

Gastro- Intestinal Forceps, Twin

EA



LANE

EA440R

310 mm, 12"



LANE

EA441R

310 mm, 12"

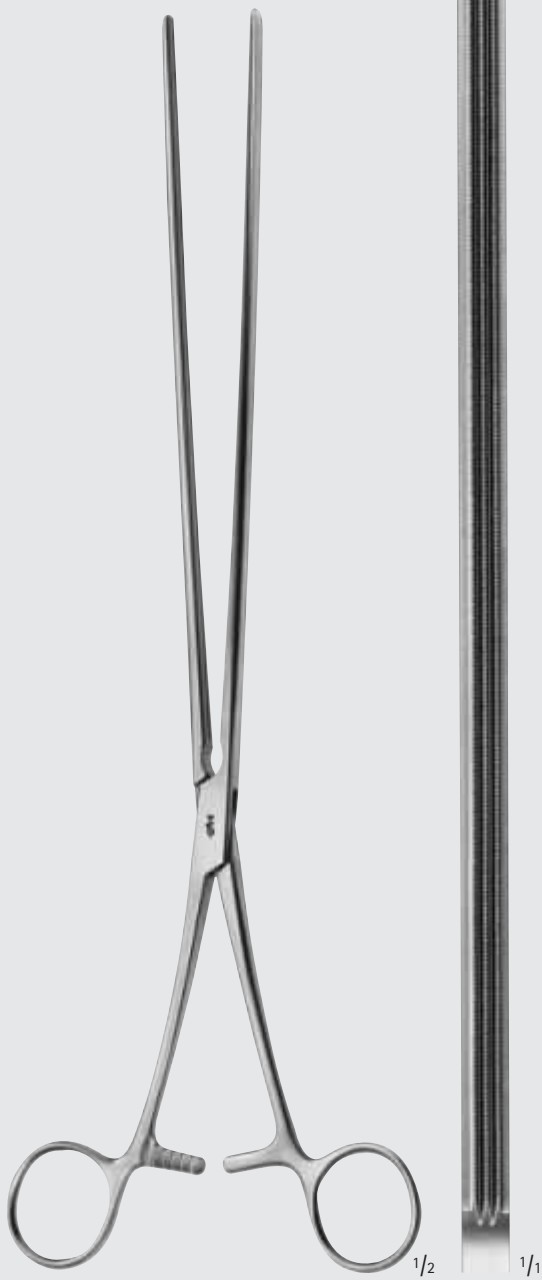


Abdominale Chirurgie – Abdominal Surgery

Magenklemmen Stomach Clamps

EA

AIRAUMATA®



SCUDDER

EA240R

330 mm, 13"



KLEINSCHMIDT

EA397R

Spornquetschen und
Appendektomieklammen

Spur crushers and
Appendectomy clamps

130 mm, 5 1/8"



BENSON

EA466R

Pylorusspreizer

Pylorus spreader

155 mm, 6"

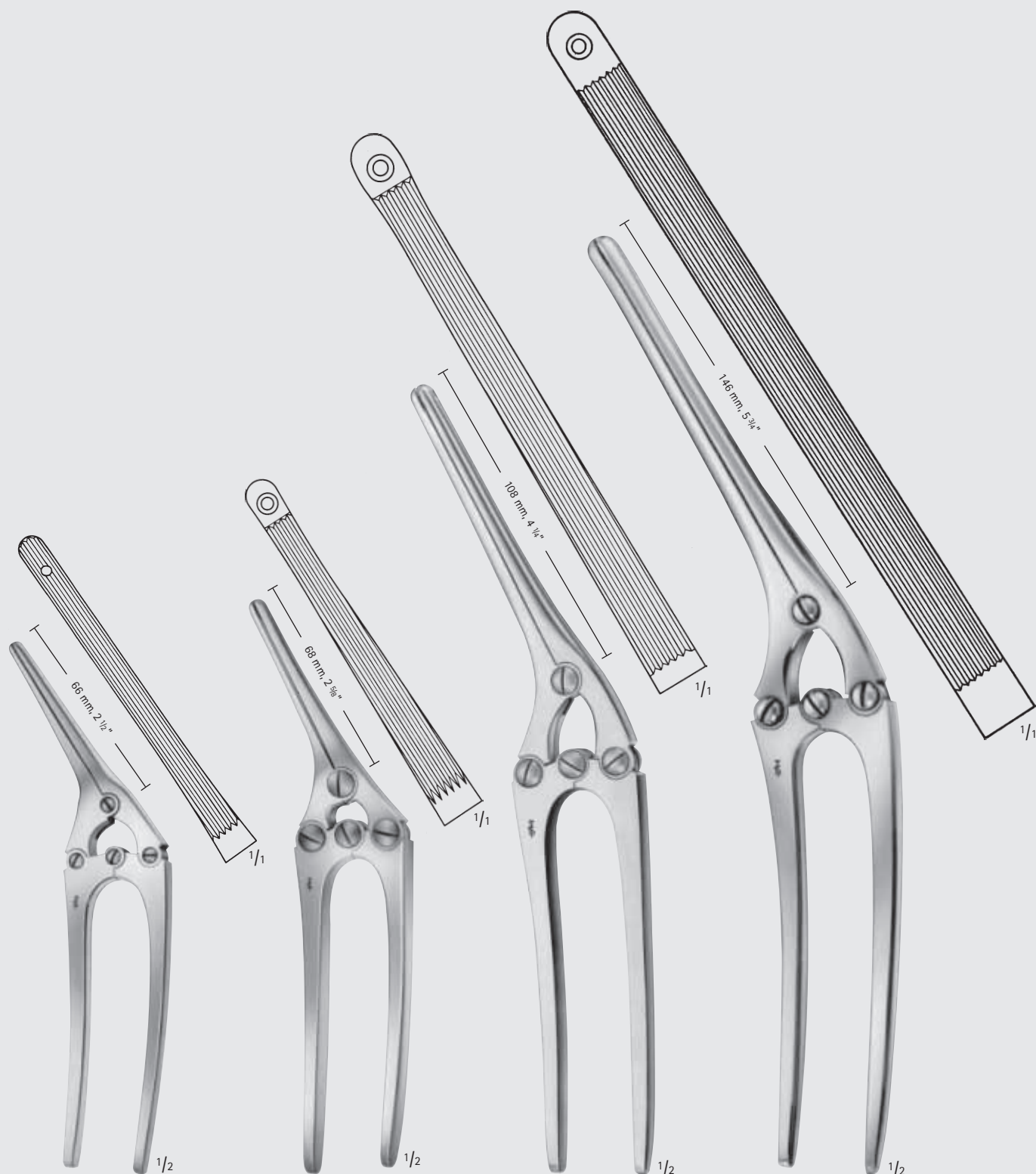


MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Darm- und Magenquetschklemmen

Intestinal and Pylorus Clamps



PAYR

EA305R

Darmquetschklemme,
leichtes Modell,
für Kinder

Intestinal clamp
light pattern,
for children

180 mm, 7"

PAYR

EA306R

200 mm, 8"

PAYR

EA309R

275 mm, 10 3/4"

PAYR

EA450R

Magenquetschklemme
Pylorus clamp

315 mm, 12 1/2"



Abdominale Chirurgie – Abdominal Surgery

Anastomosenklemmen

Anastomosis Clamps

EA



DE MARTEL-WOLFSON

EA331R-EA332R

Anastomosenklemmen,
Satz zu 3 Stück

Anastomosis clamps,
set of 3 pieces

EA331R	EA332R
100 mm	120 mm
4"	4 3/4"



Klemmenhalter mit Klemmensatz
Clamp holder with set of clamps

EA334R-EA336R

Klemmenhalter
für EA331R, EA332R

Clamp holder
for EA331R, EA332R

EA334R	EA336R
80 mm	225 mm
3 1/8"	9"



DE MARTEL-WOLFSON

EA338R

Schließzange
für EA331R, EA332R

Closing forceps
for EA331R, EA332R
250 mm, 10"

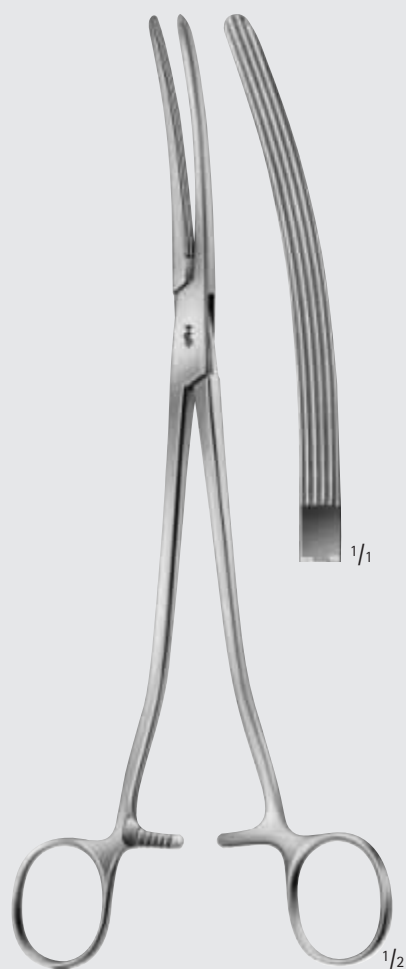


MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Anastomosenklemmen

Anastomosis Forceps

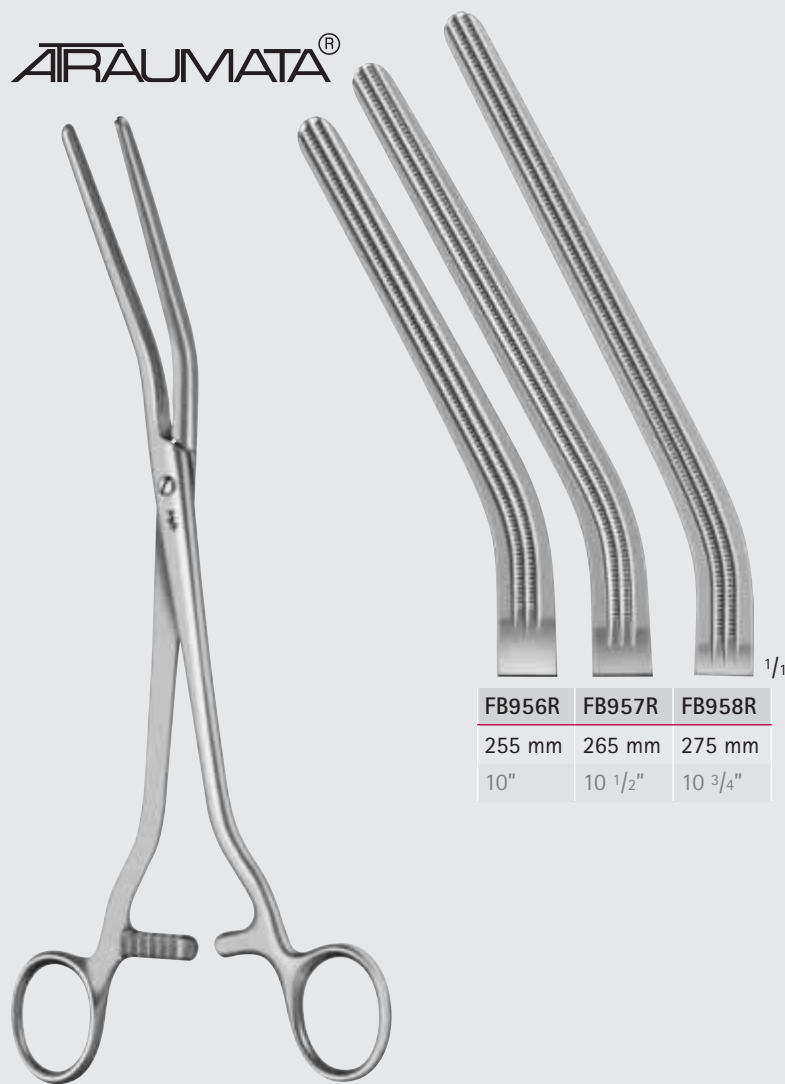


PARKER-KERR

EA365R

Anastomosenklemme für Colonresektion
Anastomosis forceps for colon resection
250 mm, 10"

TRAUMATA®



DICK

FB956R-FB958R

Druckklemmen
Pressure clamps

FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

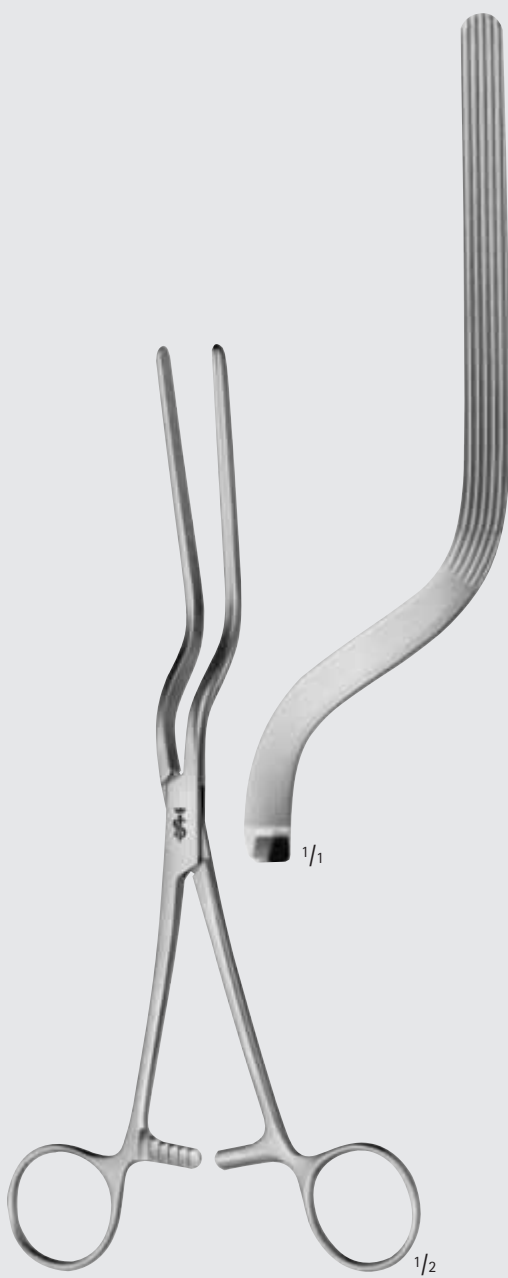


Abdominale Chirurgie – Abdominal Surgery

Rektum-Anastomosenklemmen

Sigmoid Anastomosis Forceps

EA



BRUNNER

EA191R

245 mm, 9 ³/₄"



FB954R

60 mm

FB955R

80 mm

FB954R-FB955R

230 mm, 9"



MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Rektum-Anastomosenklemmen

Sigmoid Anastomosis Forceps

EA



LLOYD-DAVIS

EA362R

315 mm, 12 1/2"

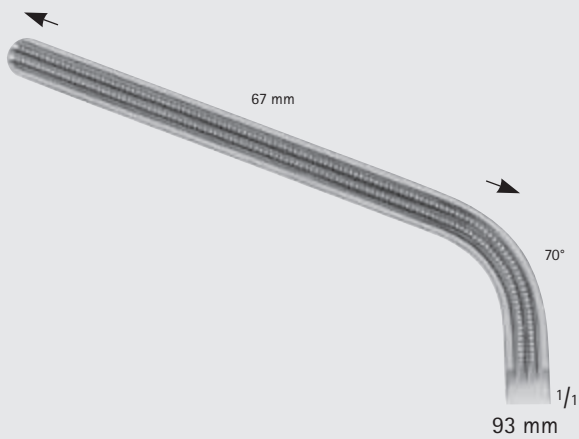


AIRAUMATA®

Abdominale Chirurgie – Abdominal Surgery

Rektum-Anastomosenklemmen
Sigmoid Anastomosis Forceps

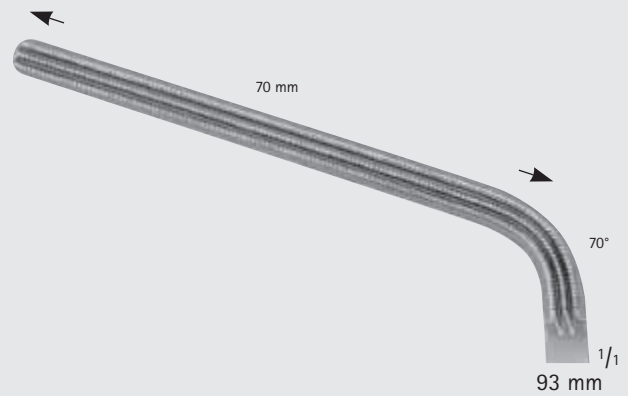
EA



MORRIS

FB493R

175 mm, 7"



DE BAKEY
(MORRIS MODIF.)

FB494R

240 mm, 9"



MILLIMETERS

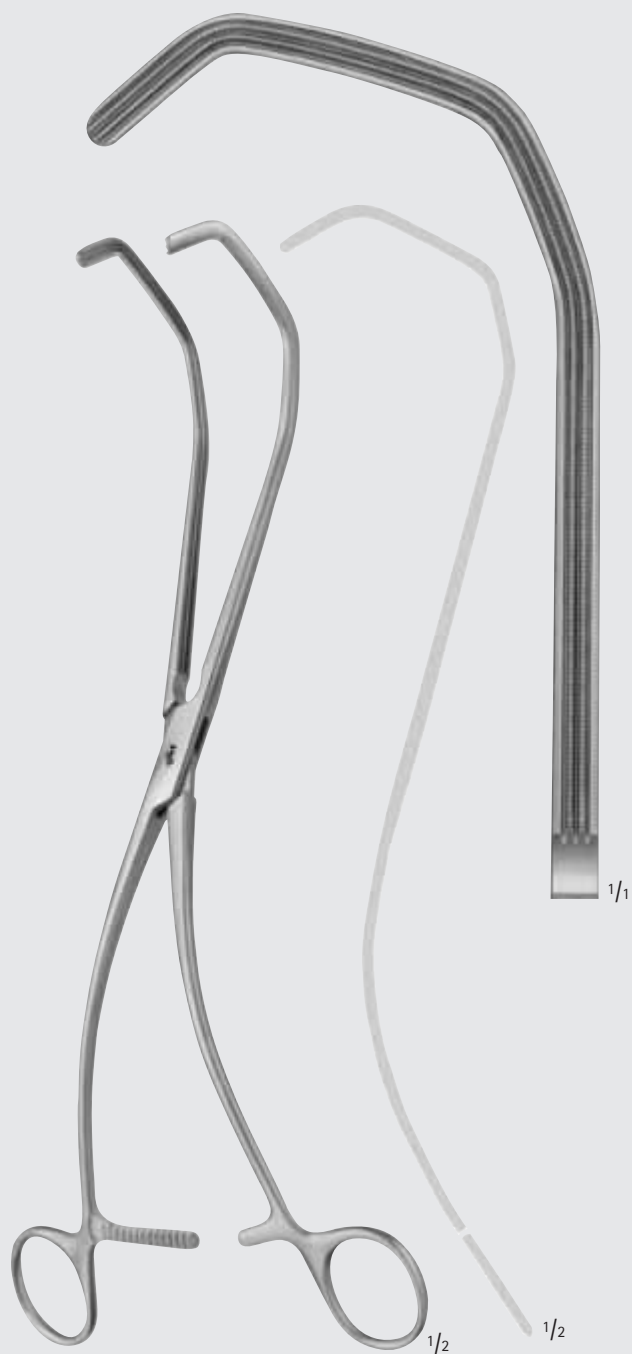
Abdominale Chirurgie – Abdominal Surgery

Rektum-Anastomosenklemmen

Sigmoid Anastomosis Forceps

TRAUMATA®

EA



KERSTING

EA355R

300 mm, 12"



RESANO

EA360R

elastisch

elastic

265 mm, 10 1/2"



Abdominale Chirurgie – Abdominal Surgery

Rektum-Scheren Rectal Scissors

EA



LLOYD-DAVIES
(GOLIGHER'S)

BC621R

270 mm, 10 $\frac{3}{4}$ "

STELZNER

BC622R-BC623R

310 mm, 12 $\frac{3}{8}$ "

BC617R

325 mm, 13"

MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Instrumente zur tiefen Rektumchirurgie

Instruments for Deep Rectum Surgery

EA
AIRAUMATA®



MÜLLER

EA356R

Rektum-Anastomosenklemme

Rectal anastomosis clamp

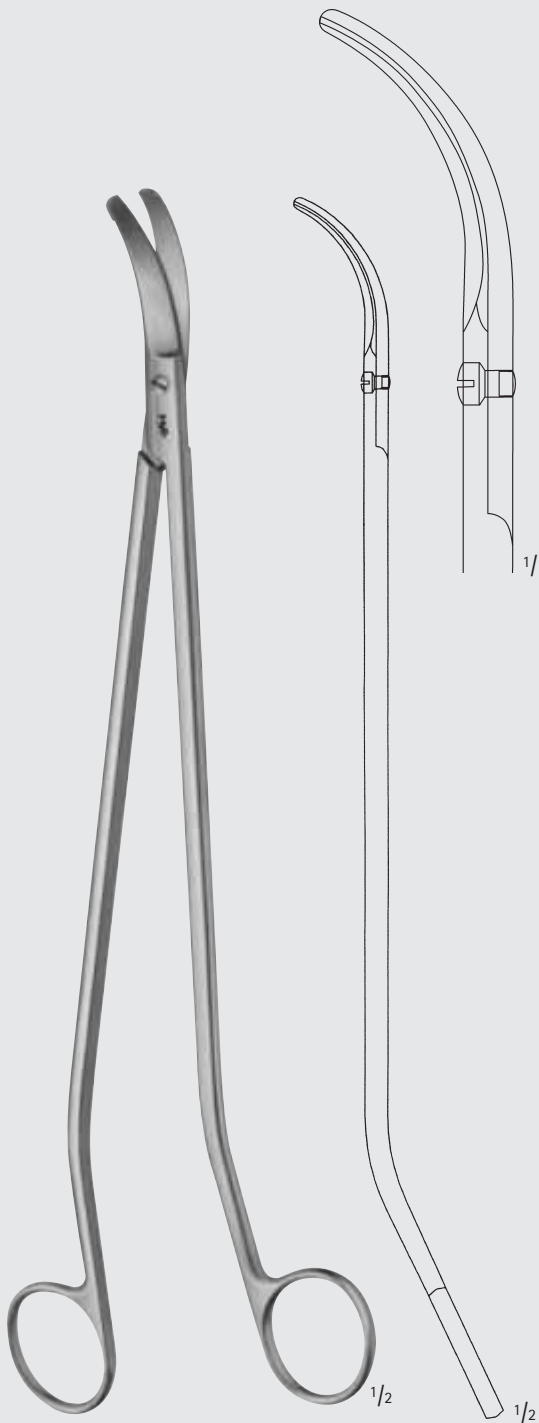
375 mm, 15"



Abdominale Chirurgie – Abdominal Surgery

Instrumente zur tiefen Rektumchirurgie
Instruments for Deep Rectum Surgery

EA



MÜLLER

BC627R

Rektumschere, s-förmig
Rectum scissors, s-shaped
325 mm, 13"

AIRAUMATA®



DE BAKY

FB409R

350 mm, 14"



MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Instrumente zur tiefen Rektumchirurgie

Instruments for Deep Rectum Surgery



MÜLLER

BM089R

Nadelhalter

Needle holder

360 mm, 14"

AIRAUMATA®

5,0 mm



ALLIS

EA100R

Fasszange

Grasping forceps

295 mm, 11 3/4"

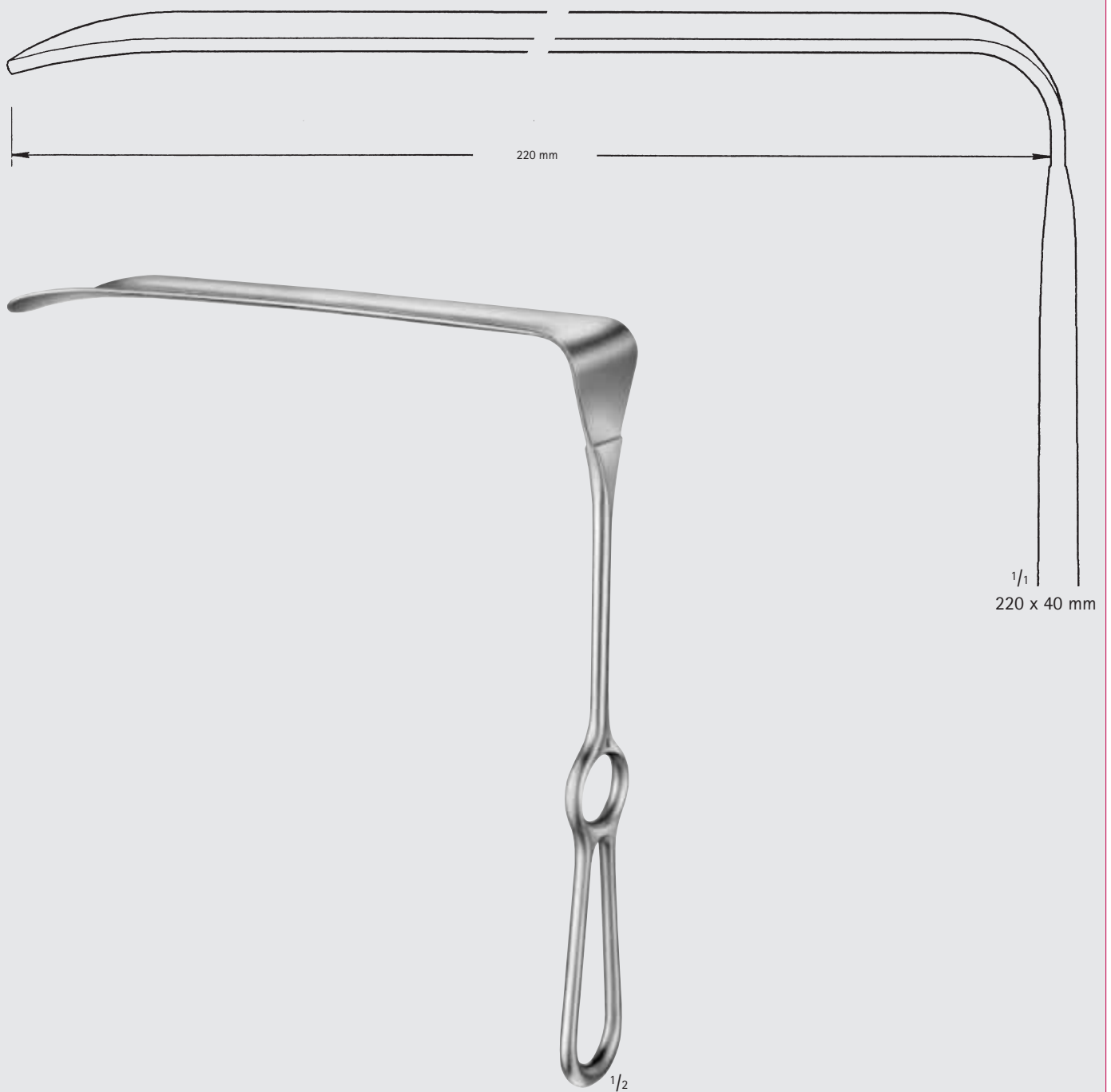


Abdominale Chirurgie – Abdominal Surgery

Instrumente zur tiefen Rektumchirurgie

Instruments for Deep Rectum Surgery

EA



HÖSEL

BT446R

Wundhaken

Retractor

250 mm, 10"

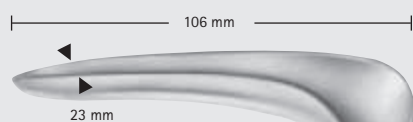
MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Mastdarm-Rektum-Spekula

Rectal Specula

EA

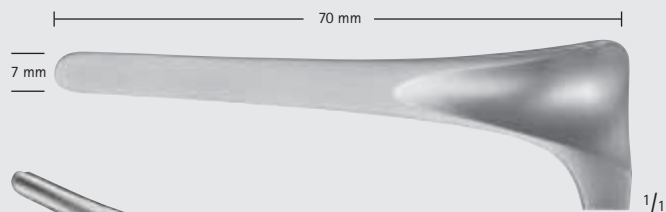


CZERNY

EA800R

225 mm, 9"

1/2



KILLIAN

OK093R

für Kinder

for children

145 mm, 5 1/2"

1/2



SIMS

EA820R

160 mm, 6 1/4"

1/2



SIMS

EA821R

160 mm, 6 1/4"

1/2

Abdominale Chirurgie – Abdominal Surgery Mastdarm-Rektum-Spekula Rectal Specula

EA



EA825R-EA829R



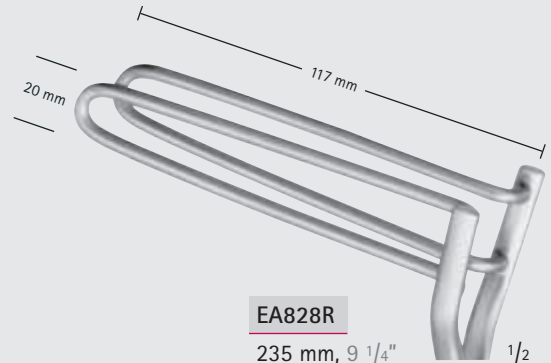
SIMS

EA825R

für Kinder
for children

190 mm, 7 1/2"

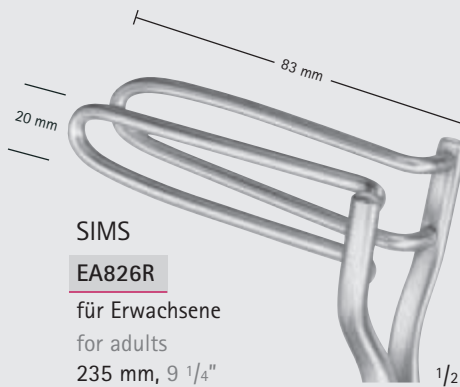
1/2



EA828R

235 mm, 9 1/4"

1/2



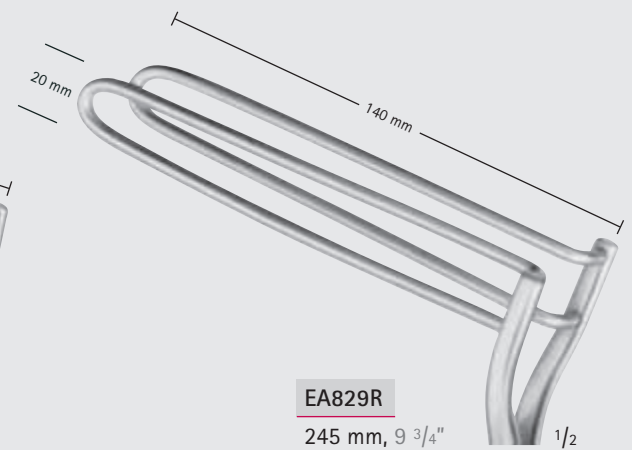
SIMS

EA826R

für Erwachsene
for adults

235 mm, 9 1/4"

1/2



EA829R

245 mm, 9 3/4"

1/2

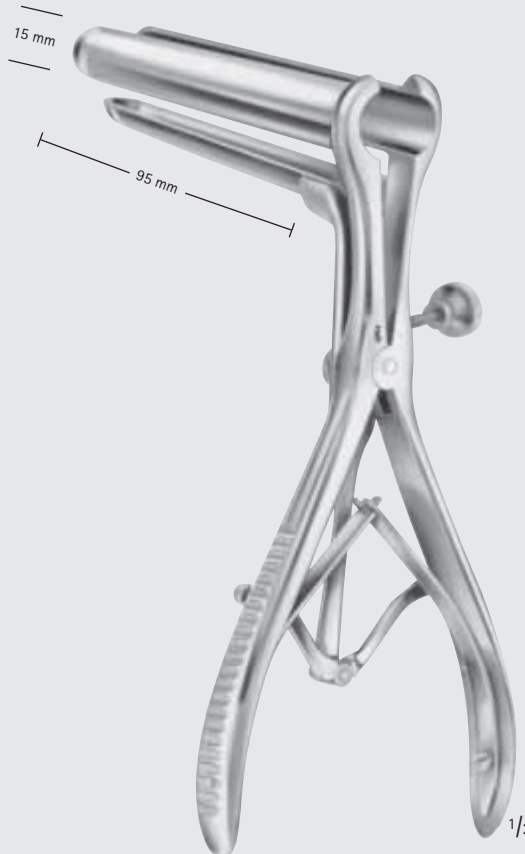


PRATT

EA831R

205 mm, 8"

1/2



MATHIEU

EA843R

215 mm, 8 1/2"

1/2



Abdominale Chirurgie – Abdominal Surgery

Anuskope – Sphinkteroskope

Anusscopes – Sphincteroscopes



BENSAUDE

EA862C-EA864C

Anuskope

Anusscopes

185 mm, 7 1/4"

Ø
diam.

EA862C 17 mm

EA863C 20 mm

EA864C 23 mm

1/2



IVES-FANSLER

EA880R

Anuskop, Ø 24 mm

Anuscope, diam. 24 mm

145 mm, 5 3/4"

1/2



KELLY

EA882R

Sphinkteroskop, Ø 20 mm

Anuscope, diam. 24 mm

160 mm, 6 1/4"

1/2



KELLY

EA883R

Sphinkteroskop, Ø 25 mm

Sphincteroscope, diam. 25 mm

160 mm, 6 1/4"

1/2

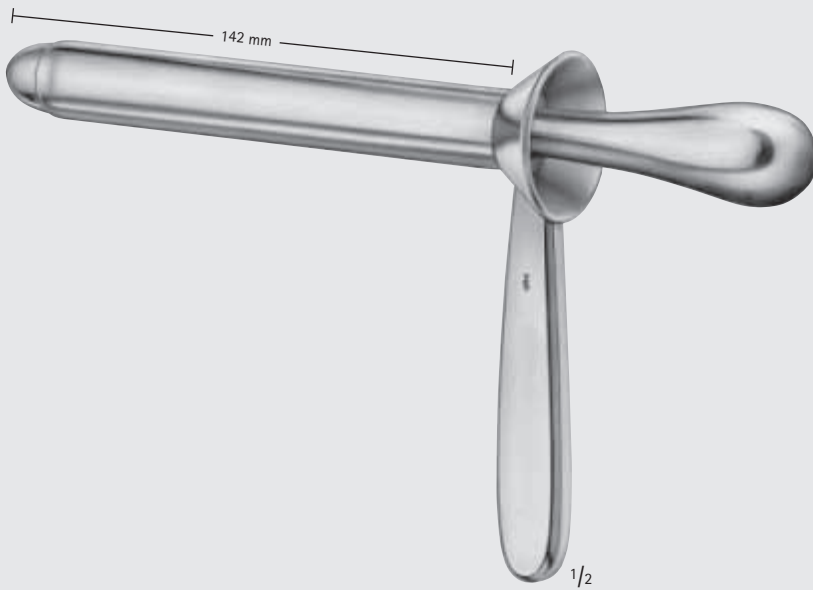


Abdominale Chirurgie – Abdominal Surgery

Protoskop – Analspreizer

Proctoscope – Rectal Retractor

EA



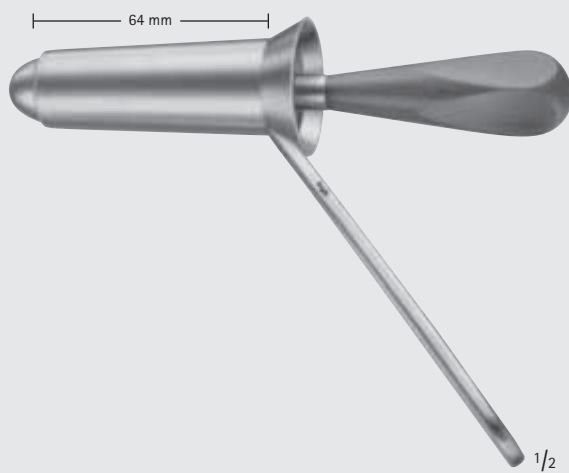
KELLY

EA887R

Proktoskop, Ø 20 mm

Proctoscope, diam. 20 mm

140 mm, 5 1/2"

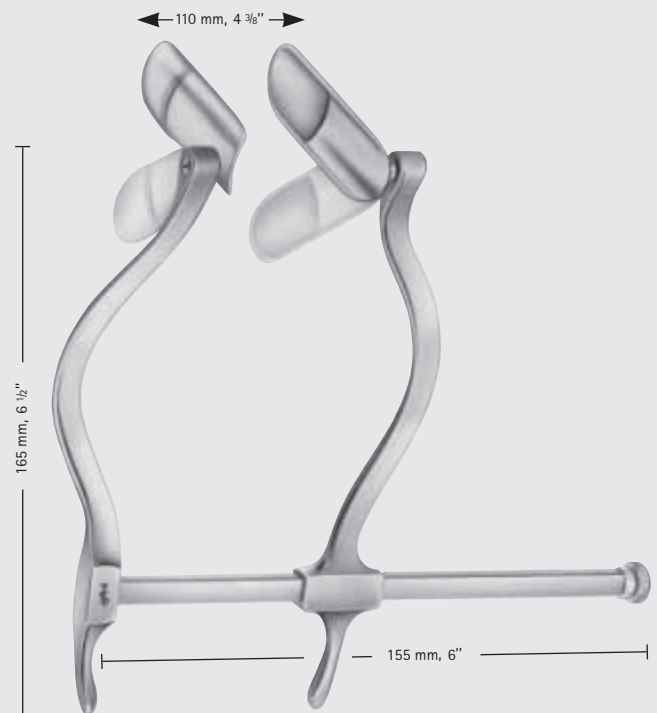


GABRIEL

EA853R

Rektum-Spekulum, Ø 25 mm

Rectal speculum, diam. 25 mm



SMITH-BUIE

BV906R

Analspreizer

Blattgröße: 58 x 23 mm

Rectal retractor

Dimension of blades: 58 x 23 mm

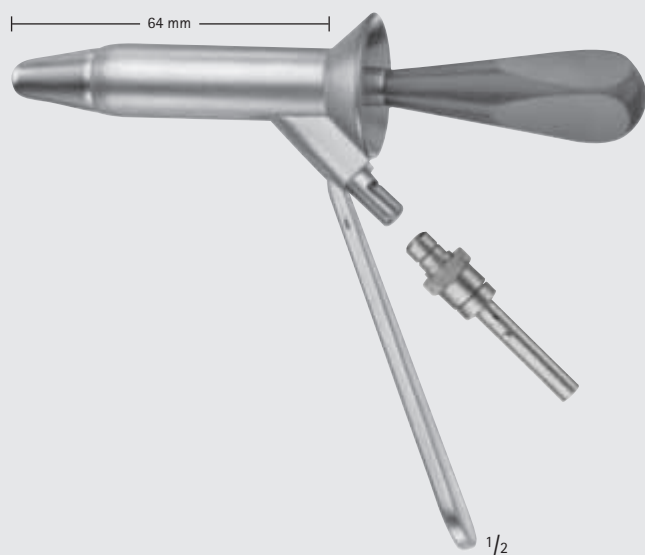


MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Rektum-Spekula

Rectal Specula



NAUNTON-MORGAN

EA871R-EA875R

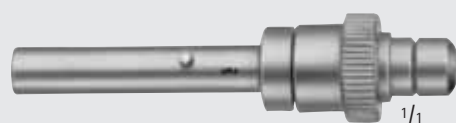
Rektum-Spekula
mit Anschluss für Kaltlichtaufsatz EA876R

Rectal specula
with connector for fibre light attachment
EA876R

165 mm, 6 1/2"

Ø
diam.

EA871R	17 mm
EA873R	21 mm
EA875R	24 mm



EA876R

Kaltlichtaufsatz, ACM/British Standard
zu NAUNTON-MORGAN Spekula

Fibre light attachment,
ACM/British Standard
for NAUNTON-MORGAN specula



Abdominale Chirurgie – Abdominal Surgery

Sigmoidoskope und Proktoskope

Sigmoidoscope and Proctoscope

EA



LLOYD-DAVIES

EA888R

Ø 16 mm

250 mm, 9 ³/₄"

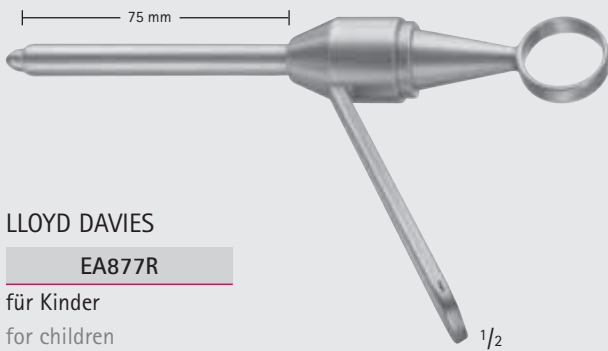


LLOYD-DAVIES

EA889R

Ø 20 mm

300 mm, 11 ³/₄"

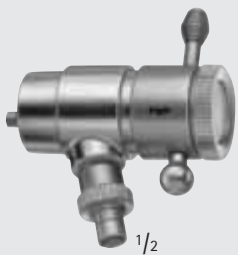


LLOYD DAVIES

EA877R

für Kinder

for children



EA878R

Kaltlichtaufsatz, ACM/British Standard
zu EA887R, EA888R und EA889R

Fibre light attachment, ACM/British Standard
for EA887R, EA888R and EA889R



EA879R

Kaltlichtstab

Fibre light carrier



MILLIMETERS

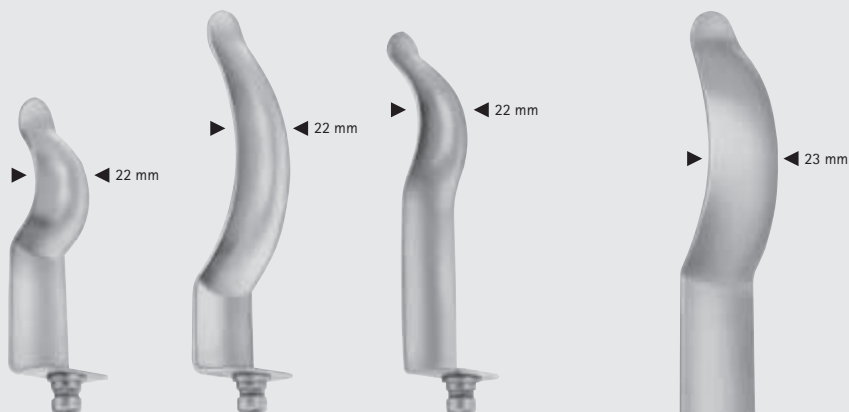
Abdominale Chirurgie – Abdominal Surgery

Analspreizer

Rectal Spreader



KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



BV583R

Rektumblätter
70 mm tief
PAA = Paar
Rectal blades
70 mm deep
PAA = pair

BV584R

Spinkterblätter
93 mm tief
PAA = Paar
Sphincter blades
93 mm deep
PAA = pair

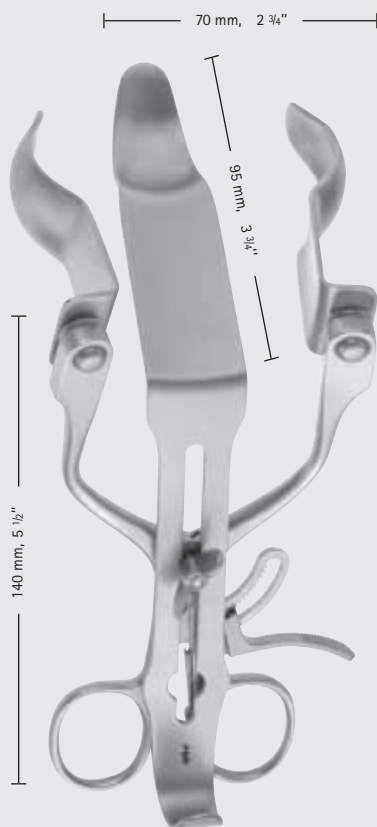
BV586R

Blätter für Anastomosen
90 mm tief
PAA = Paar
nicht in BV585R enthalten
Blades for anastomosis
90 mm deep
PAA = pair
not included in BV585R

PARKS

BV589R

150 mm tief
PAA = Paar
nicht in BV585R enthalten
150 mm deep
PAA = pair
not included in BV585R



PARKS, MODIF. GIRONA

BV585R

Analspreizer, komplett
bestehend aus:

- BV581R Sperrer, allein
- BV582R Mittelblatt, allein
- BV583R Paar Blätter, allein
- BV584R Paar Blätter, allein

Rectal spreader, complete
consisting of:

- BV581R Spreader, only
- BV582R Center blade, only
- BV583R Pair of blades, only
- BV584R Pair of blades, only



BV591R

Mittelblatt für Kaltlicht
mit Aufnahme für
Kaltlichtstab OP801
nicht in BV585R enthalten
Center blade
with connection for cold
light carrier OP801
not included in BV585R



OP801

Kaltlichtstab
zur zusätzlichen, intensiven
Ausleuchtung des OP-Feldes
Cold light carrier
for additional, intensive illumi-
nation of the operating area

EA

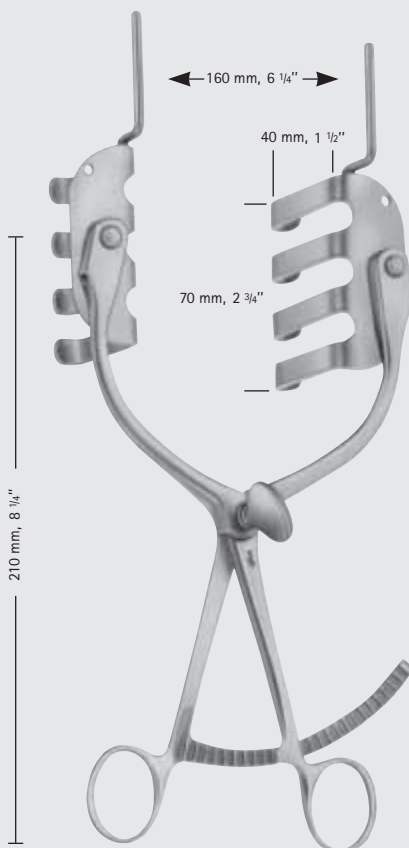


Abdominale Chirurgie – Abdominal Surgery

Perineal Sperrer Perineal Retractor



KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



ST. MARKS, MODIF. GIRONA

BV907R

Perineal Sperrer mit
Tuchhaltestift an den Blättern
Perineal retractor with towel pegs
fitted to swivel rake blades

EA



MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Pelvishaken

Pelvis Retractors

EA



ST. MARKS

BT670R

290 mm, 11 1/2"

ST. MARKS

BT672R

330 mm, 13 1/8"

ST. MARKS

BT674R

330 mm, 13 1/8"



Abdominale Chirurgie – Abdominal Surgery

Analsonden
Rectal Probes

EA



LOCKHART-MUMMERY

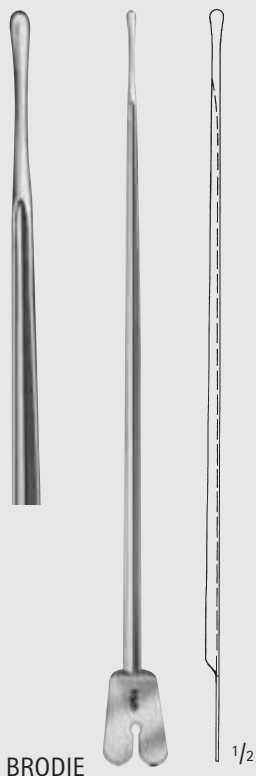
BN021R-BN024R

Fistelsonden

Fistula probes

165 mm, 6 1/2"

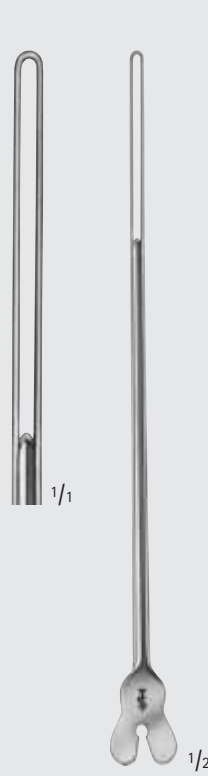
BN021R	Nr. 1	gerade	No. 1	straight
BN022R	Nr. 2	45° gebogen	No. 2	45° curved
BN023R	Nr. 3	90° gebogen	No. 3	90° curved
BN024R	Nr. 4	retrograd gebogen	No. 4	retrograde curved



BRODIE

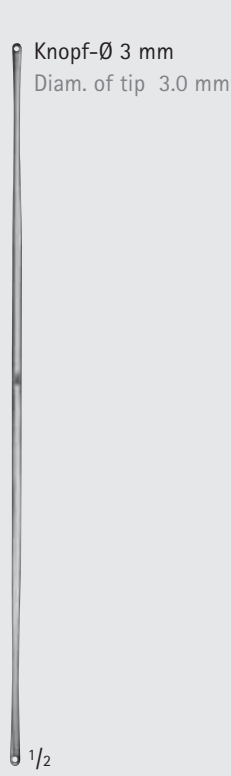
BN020R

Hohlsonde mit Knopf,
Knopf-Ø: 3,5 mm
Director with tip,
diam. of tip: 3.5 mm
200 mm, 8"



BN026R

Ösenrinnensonde,
biegsam
Director with wire loop,
malleable
190 mm, 7 1/2"



Knopf-Ø 3 mm
Diam. of tip 3.0 mm

BN090R

Doppelknopfsonde,
biegsam, mit Loch
Double ended probe,
malleable, with hole
190 mm, 7 1/2"



EA890R

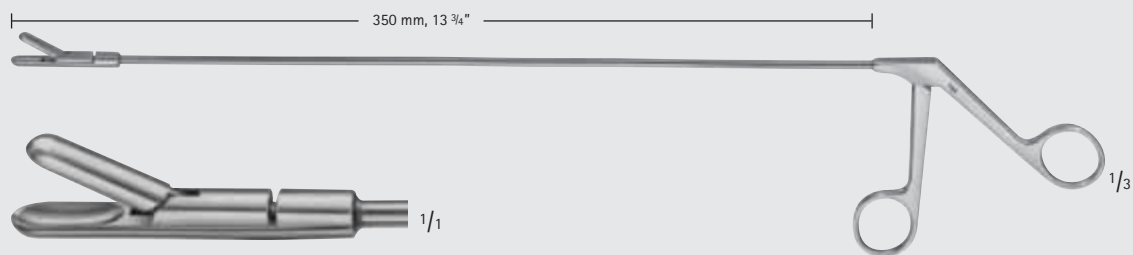
Fistelsonde (Krypthaken)
Fistula probe (Krypt hook)
240 mm, 9 1/2"



Abdominale Chirurgie – Abdominal Surgery

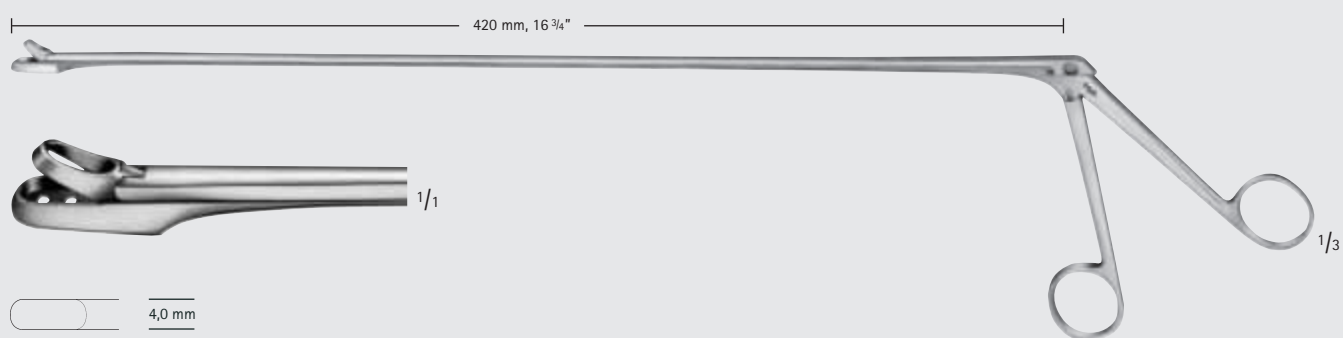
Biopsiezangen für Rektum

Biopsy Forceps for Rectum



LLOYD-DAVIS

EA900R



YEOMAN

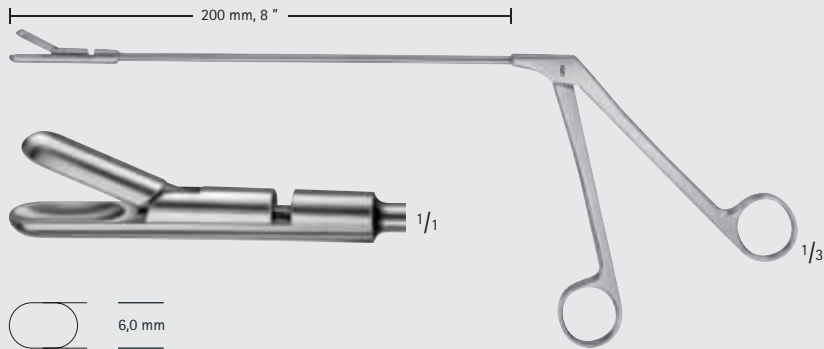
EA903R



Abdominale Chirurgie – Abdominal Surgery

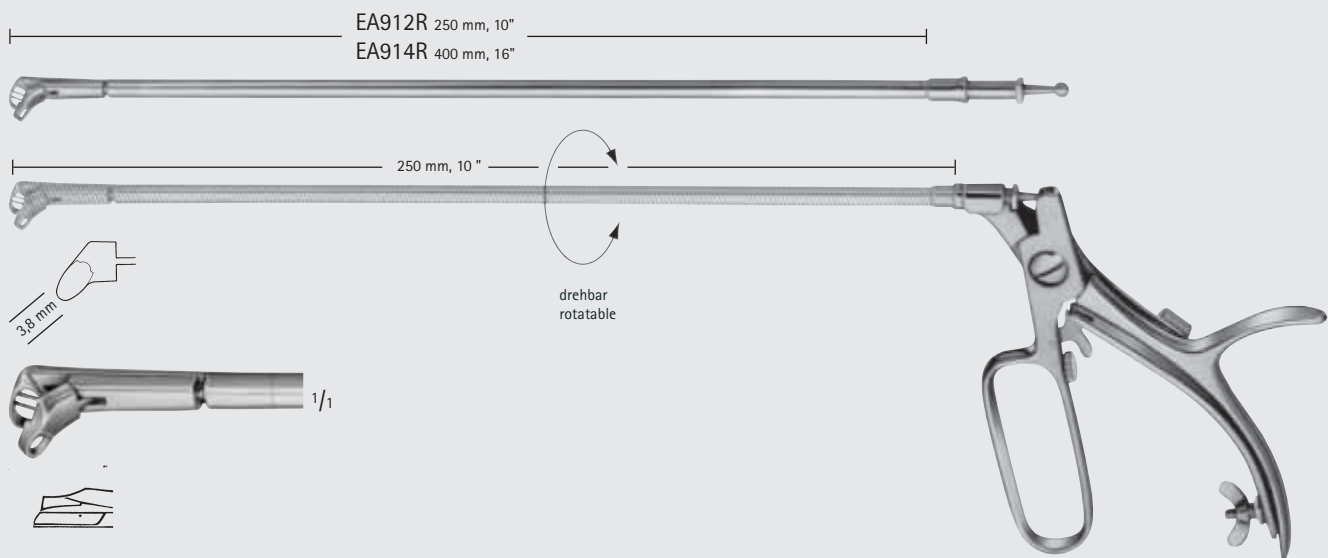
Biopsiezangen für Rektum Biopsy Forceps for Rectum

EA



WALTON

EA904R



EA912R-EA914R

Aufsätze allein
mit ziehendem Schnitt
Attachments only
with cut beginning
from the top

EA914R	EA912R
400 mm 16"	250 mm 10"

AESCULAP

OP151R

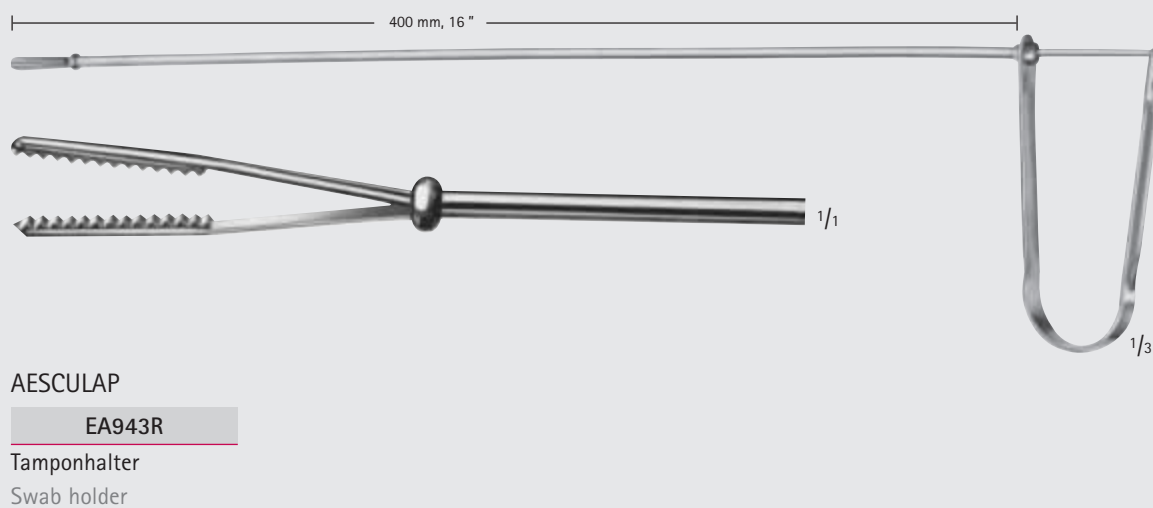
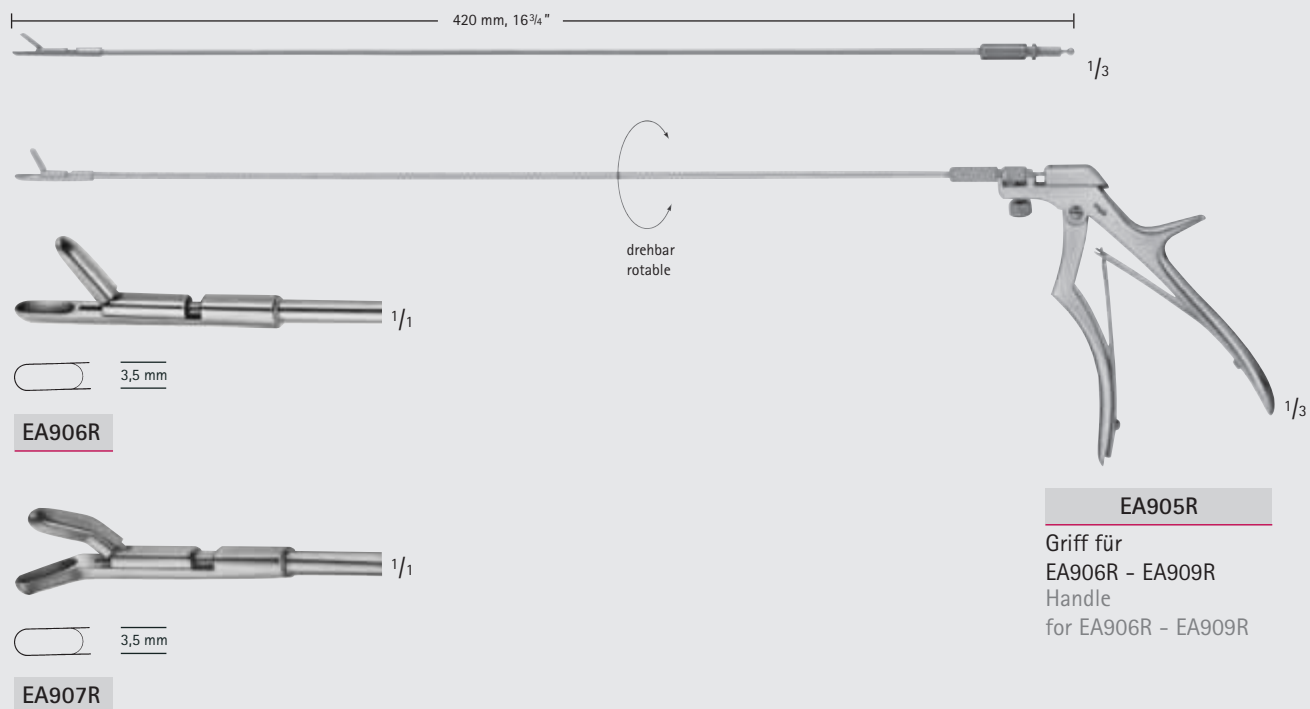
Griff für EA912R - EA914R
Handle for EA912R - EA914R
140 mm, 5 1/2"

MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Biopsiezangen und Tamponhalter für Rektum

Biopsy Forceps and Swab Holders for Rectum



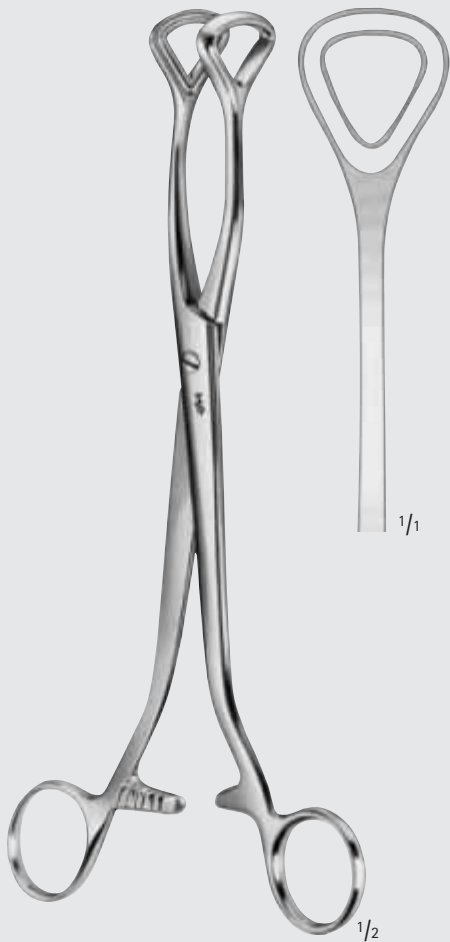


Abdominale Chirurgie – Abdominal Surgery

Hämorrhoidenklemmen

Hemorrhoidal Forceps

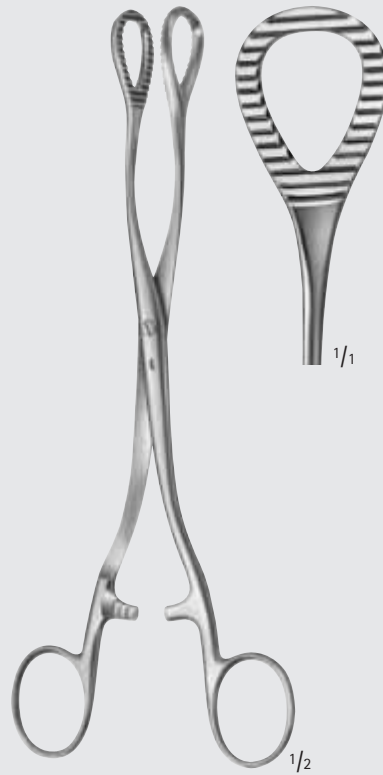
EA



LUER

EA989R

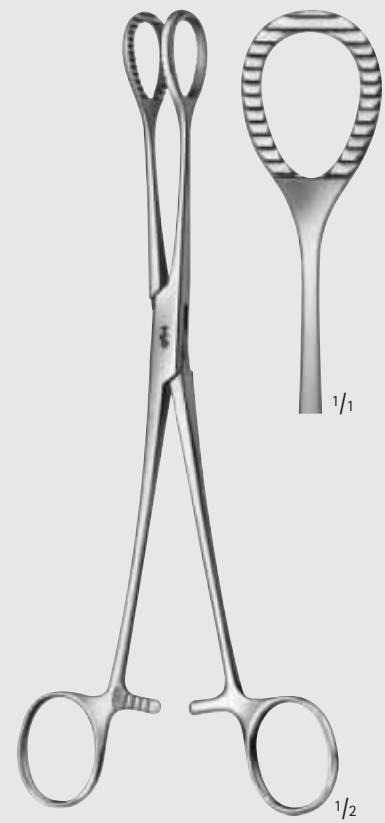
245 mm, 9 $\frac{3}{4}$ "



HEYWOOD-SMITH

AN710R

200 mm, 8"



HEYWOOD-SMITH MODIF.

AN711R

215 mm, 8 $\frac{1}{2}$ "



MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

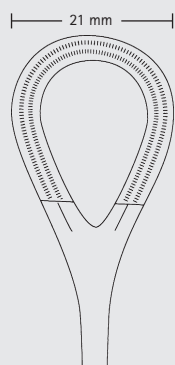
Hämorrhoidenklemmen

Hemorrhoidal Forceps

TRAUMATA®



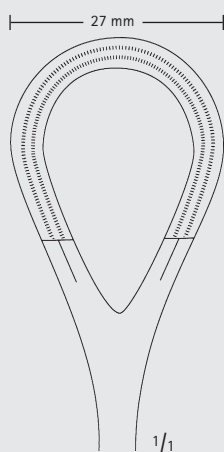
EO338R-EO340R



EO338R

250 mm

10"



EO340R

270 mm

10 3/4"

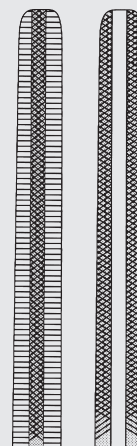


FERGUSON

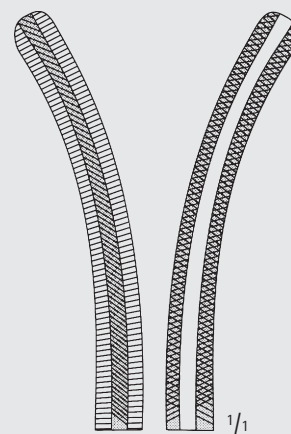
VC100R-VC101R

Druckklemmen
Pressure clamps

200 mm, 8"



VC100R



VC101R



Abdominale Chirurgie – Abdominal Surgery

Hämorrhoidal-Ligator Hemorrhoidal Ligator

EA



RUDD

EA991R

Hämorrhoidal-Ligator
mit Lade-Aufsatz und
100 Ligatur-Gummiringen
Hemorrhoidal ligator
with loading attachment
and 100 ligature rubber rings
315 mm, 12 1/2"



MC GIVNEY

EA990R

Hämorrhoiden-Fasszange
Hemorrhoidal forceps
185 mm, 7 1/4"



EA993

Ligatur-Gummiringe
Bestelleinheit:
PAK = Packung à 100 Stück
Ligature rubber rings
Sales Unit:
PAK = Package of 100 pieces

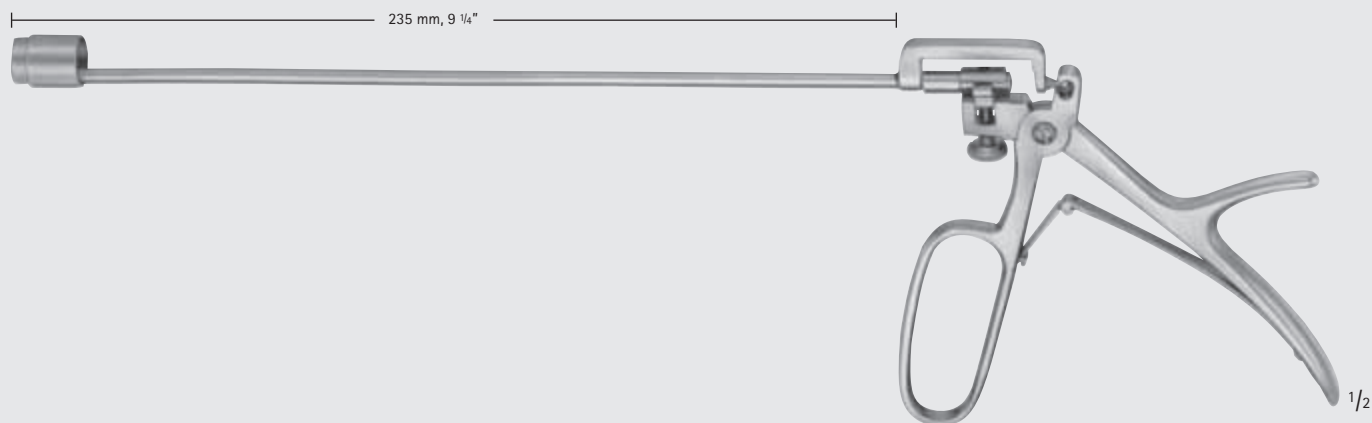


MILLIMETERS

Abdominale Chirurgie – Abdominal Surgery

Hämorrhoidal-Ligator

Hemorrhoidal Ligator



BARRON

EA996R

Hämorrhoidal-Ligatur, komplett
bestehend aus:

EA997R Schaft, allein

EA998R Universal-Handgriff

EA999P Ladekonus

Hemorrhoidal ligator, complete
consisting of:

EA997R Shaft, only

EA998R Universal handle

EA999P Conical loader

Passende Ligatur-Gummiringe: EA993 (siehe Seite 585)

Suitable ligature rubber rings: EA993 (see page 585)



Abdominale Chirurgie – Abdominal Surgery

Hämorrhoidal-Spritze, Hämorrhoidal-Kanüle

Hemorrhoidal Syringe, Hemorrhoidal Cannula

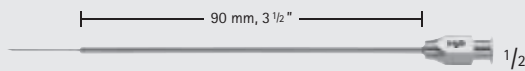
EA



GABRIEL

SF462

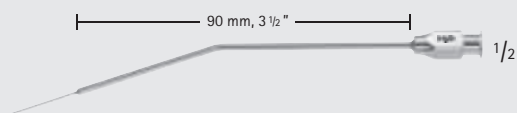
Hämorrhoidal-Spritze
Hemorrhoidal syringe
10 ml



GABRIEL

SF835

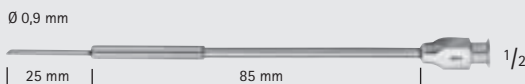
Hämorrhoidal-Kanüle, gerade,
mit Luer-Lock-Ansatz
Hemorrhoidal cannula, straight,
with Luer-Lock attachment



GABRIEL

SF836

Hämorrhoidal-Kanüle, abgewinkelt,
mit Luer-Lock-Ansatz
Hemorrhoidal cannula, angled,
with Luer-Lock attachment



SF818R

Hämorrhoiden-Kanüle, mit
Luer-Lock-Ansatz
Hemorrhoidal cannula,
with Luer-Lock attachment



MILLIMETERS



EB



Instrumente für Galle, Leber und Milz
Gall Bladder-, Liver- and Spleen Instruments

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenkanal-Klemmzangen

Gall Duct Forceps

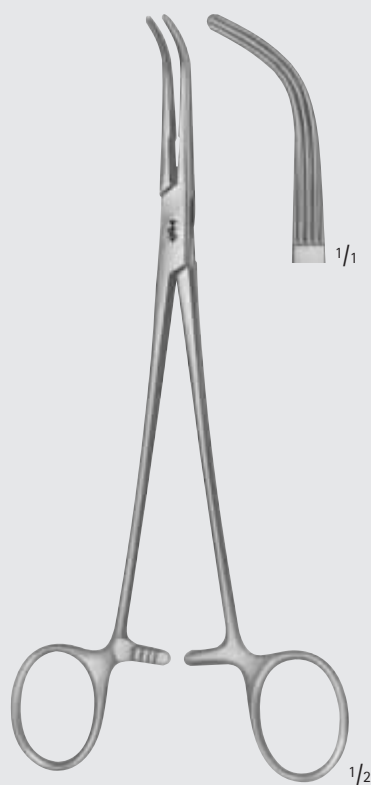
Klemmen nach OVERHOLT siehe Rubrik BJ
OVERHOLT Forceps see section BJ



LOWER

EB001R

180 mm, 7"



LAHEY (SWEET)

EB003R

200 mm, 8"



LAHEY

BJ060R

225 mm, 9"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenkanal-Klemmzangen

Gall Duct Forceps

Klemmen nach OVERHOLT siehe Rubrik BJ
OVERHOLT Forceps see section BJ

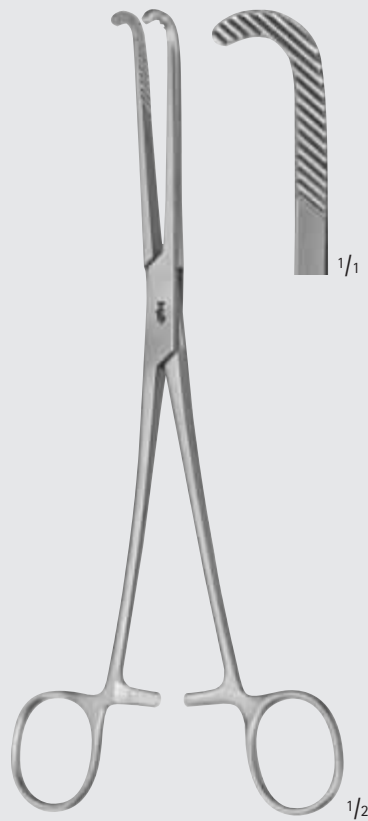
EB



DESJARDINS

EB008R

Gallenkanal- und Cystikuszange
Gall duct- and cystic forceps
220 mm, 8 3/4"



NISSEN

EB009R

Gallenkanal- und Cystikuszange
Gall duct- and cystic forceps
215 mm, 8 1/2"



MILLIMETERS

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenkanal-Klemmzangen

Gall Duct Forceps

EB



MOYNIHAN

BH831R-BH833R

BH831R

230 mm

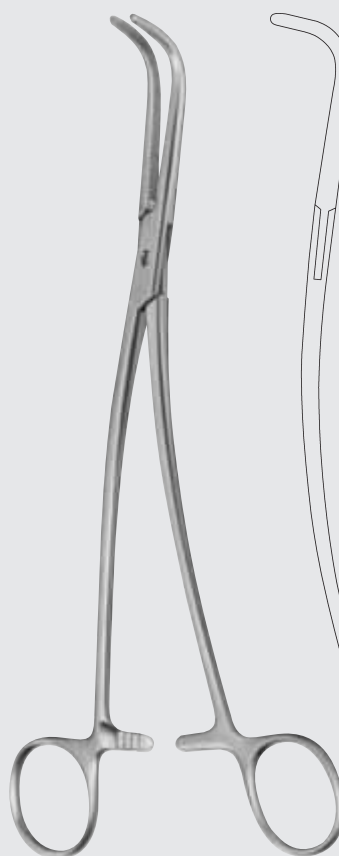
9"

BH833R

240 mm

9 1/2"

1/1



GRAY

EB011R-EB012R

Cholezystektomieklemmen

Cholecystectomy forceps

220 mm, 8 3/4"

EB011R

EB012R

1/1

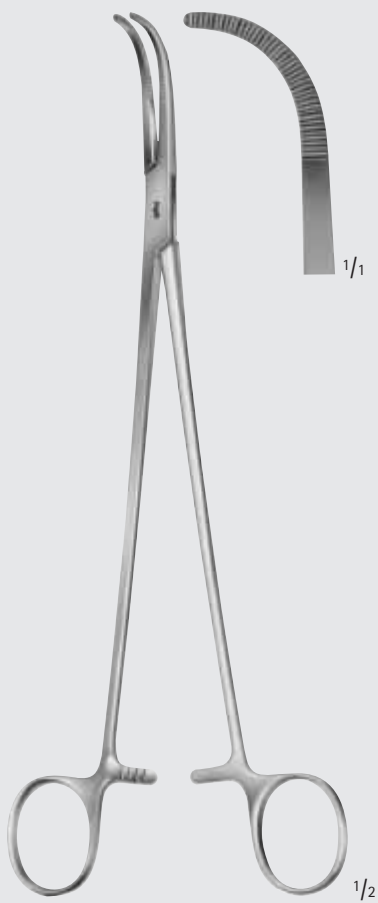
1/2

1/2



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments
Gallenkanal-Klemmzangen
Gall Duct Forceps

EB



MIXTER

BJ055R

Gallenkanal- und Cystikusklamme
Gall duct- and cystic forceps
230 mm, 9"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen

Gall Bladder Forceps

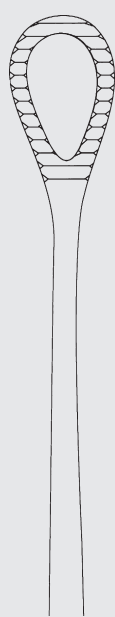
EB



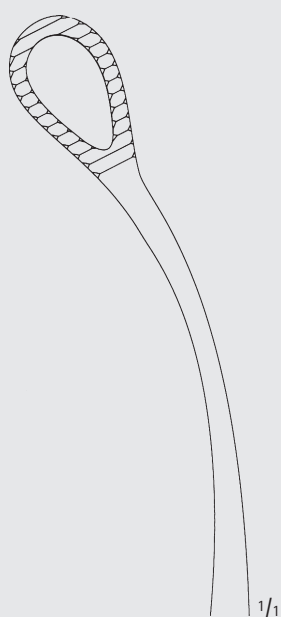
FOERSTER-BALLENGER

BF122R-BF123R

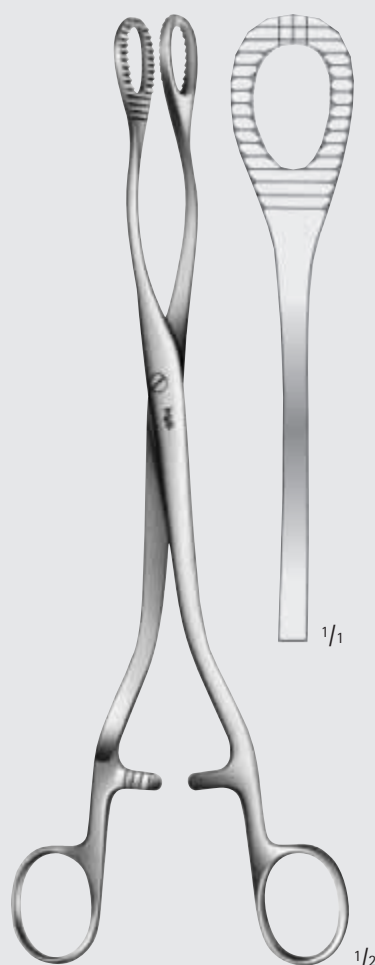
245 mm, 9 3/4"



BF122R



BF123R



HEYWOOD-SMITH

E0310R

250 mm, 10"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen

Gall Bladder Forceps

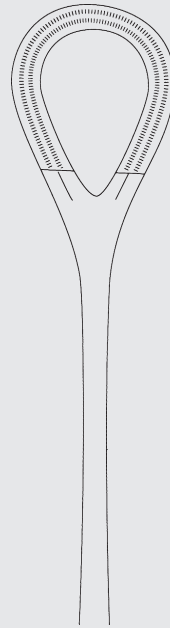
EB

AIRAUMATA®



EO338R-EO340R

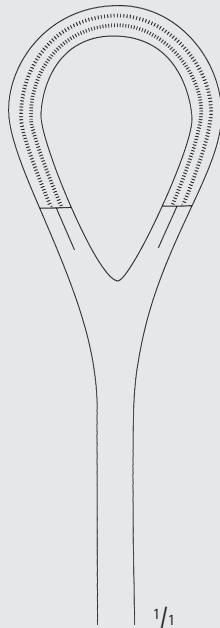
21 mm 27 mm



EO338R

250 mm

10"



EO340R

270 mm

10 3/4"

1/1



HEYWOOD-SMITH

AN710R

200 mm, 8"

1/1

1/2

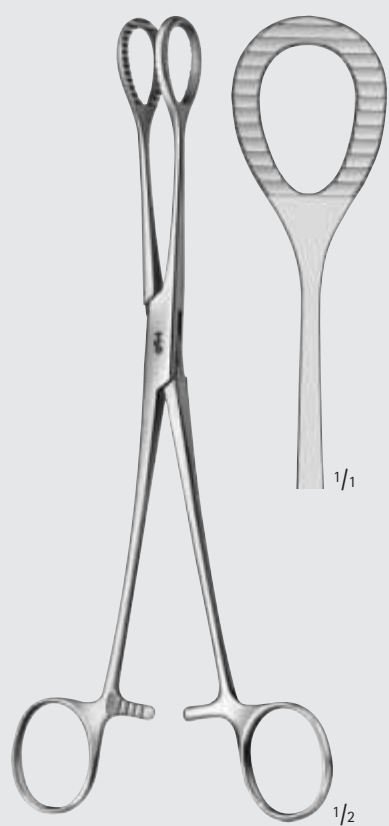


MILLIMETERS

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen und Gallengangscheren

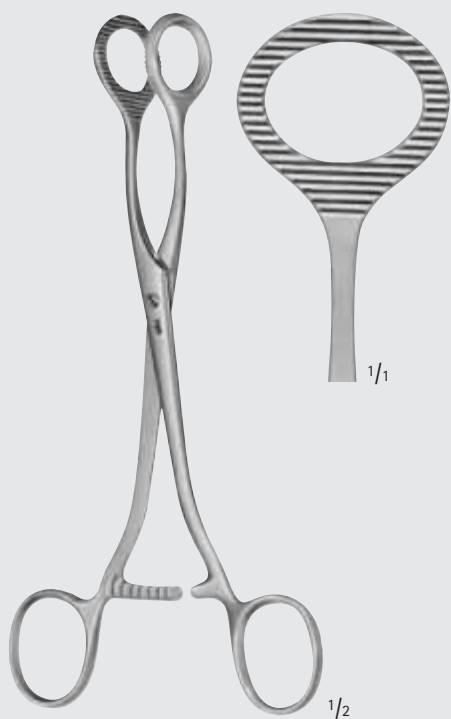
Gall Bladder Forceps and Gall Duct Scissors



HEYWOOD-SMITH MODIF.

AN711R

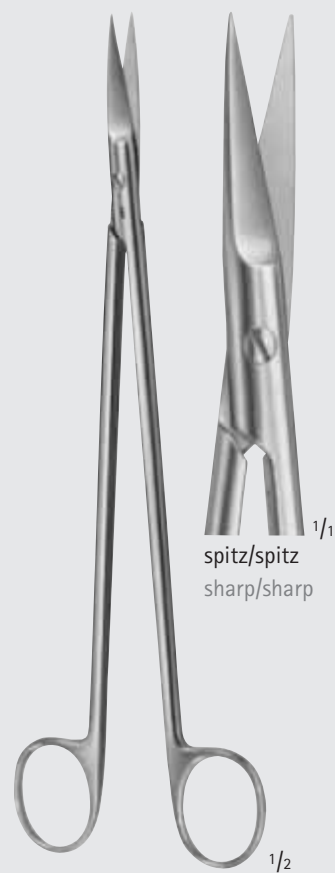
215 mm, 8 1/2"



DOYEN

EO332R

185 mm, 7 1/4"



spitz/spitz
sharp/sharp

BC642R

zur Eröffnung
der Gallenblase
for opening the
gall bladder
225 mm, 9"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangscheren Gall Duct Scissors

EB



POTTS-DE MARTEL

BC650R

60°

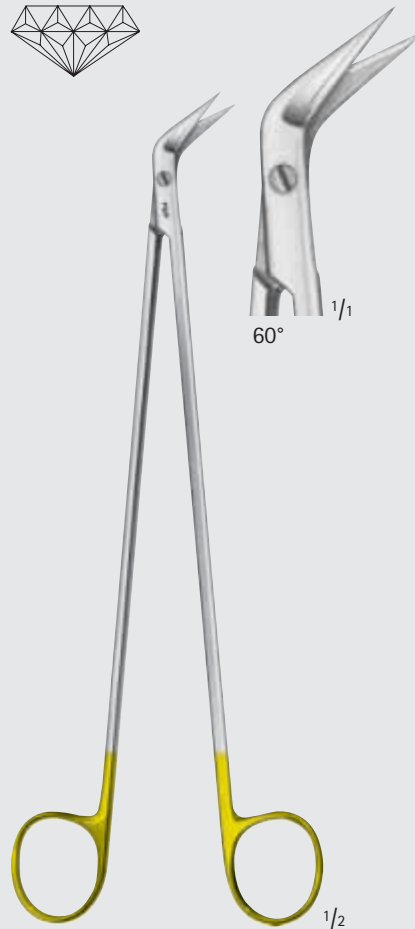
MILLS

BC651R

60°

BC650R-BC651R

220 mm, 8 3/4"



DE BAKEY

BC245R

220 mm, 8 3/4"



MILLIMETERS

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangsonden

Gall Duct Probes

EB



Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



HAJEK

OK900

Spülkanüle, aus Silber
Irrigating cannula, silver
165 mm, 6 1/2"

Knopf-Ø 5 mm
Diam. of tip 5 mm



MOYNIHAN

EB050

Gallensteinsonde und -löffel
aus Zinn, biegsam
Gall stone probe and -scoop
of tin, malleable
365 mm, 14 1/2"

Knopf-Ø 5 mm
Diam. of tip 5 mm



MAYO

EO005R

Gallengangsonde, biegsam
Gall duct probe, malleable
330 mm, 13 1/8"

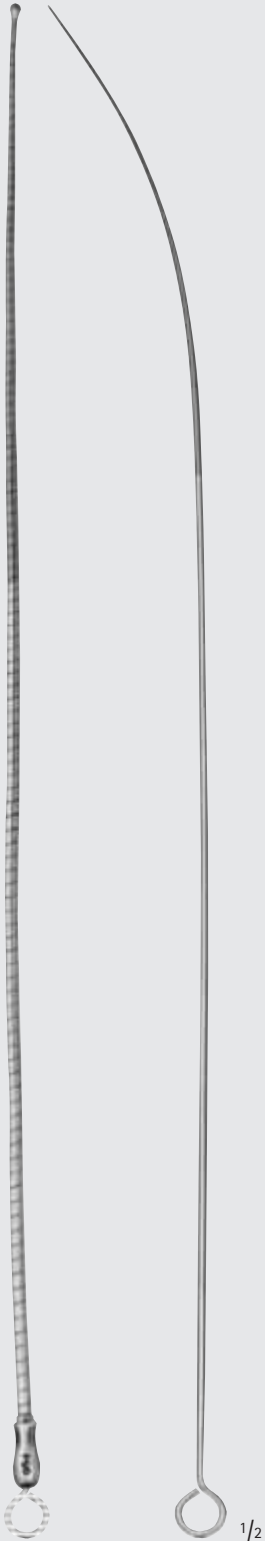


Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangsonden

Gall Duct Probes

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



OCHSNER

EB052C

Gallengangsonde, federnd
Gall duct probe, flexible
400 mm, 16"



	EB101R	EB102R	EB103R
Knopf-Ø	3,8 mm	4,3 mm	6,8 mm
Diam. of tip	3.8 mm	4.3 mm	6.8 mm

DESJARDINS

EB101R-EB103R

Gallengangsonden, federnd
Gall duct probes, flexible
285 mm, 11 1/4"

EB



MILLIMETERS

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangdilatoren

Gall Duct Dilators

EB



Charr. (French)

EF638R	8
EF639R	9
EF640R	10
EF641R	11
EF642R	12
EF643R	13
EF644R	14
EF645R	15
EF646R	16
EF647R	17
EF648R	18
EF649R	19
EF650R	20
EF651R	21
EF652R	22
EF653R	23
EF654R	24
EF655R	25
EF656R	26
EF657R	27
EF658R	28
EF659R	29
EF660R	30

DITTEL

EF638R-EF660R

Metallbougie-Öffner

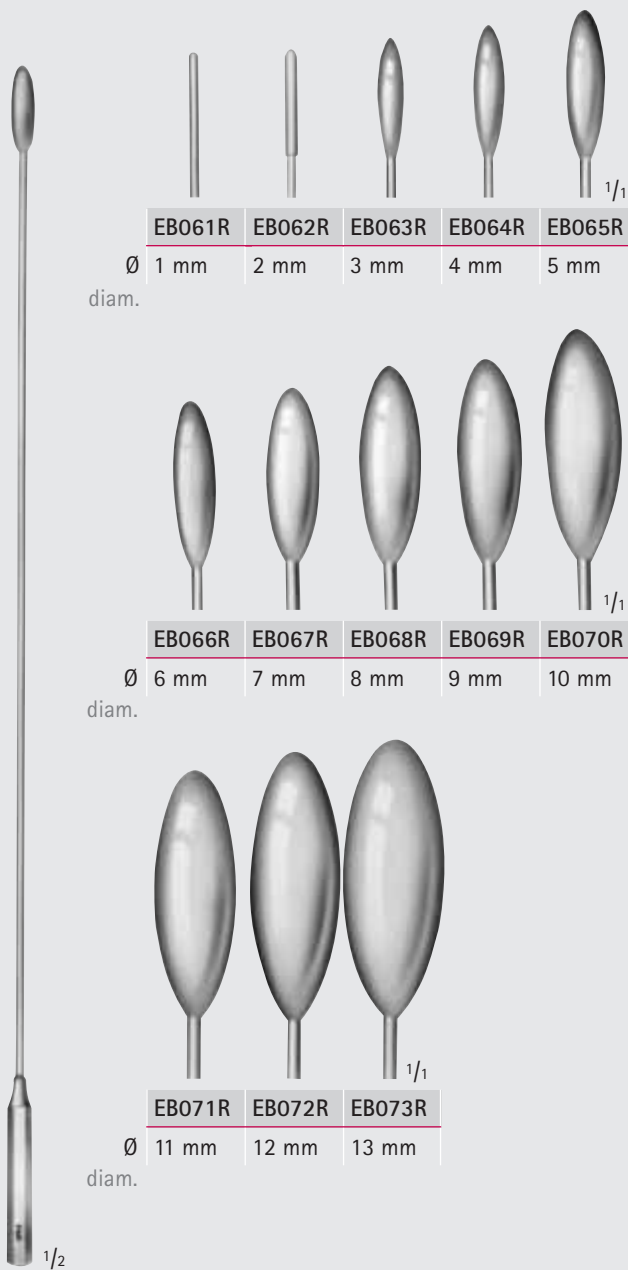
Metal bougies
and dilating sounds

345 mm, 13 3/4"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangdilatoren Gall Duct Dilators

EB**BAKES****EB061R-EB073R**

Gallengangdilations Oliven,
biegsam

Common bile duct dilators,
malleable

EB061R-EB065R 315 mm, 12 1/2"

EB066R-EB073R 320 mm, 12 3/4"

EB074R

Satz à 9 Stück EB063R - EB071R,
in Leinentasche

Set of 9 pieces EB063R - EB071R,
in canvas roll

EB075

Leinentuchtasche allein
Canvas roll only



MILLIMETERS

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinlöffel

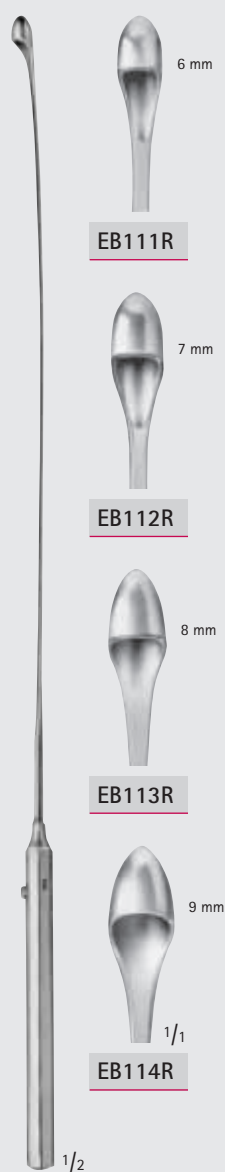
Gall Stone Scoops

geeignete Wundhaken siehe Rubrik BT

selbsthaltende Bauchdeckenrahmen siehe Rubrik BV

suitable retractors see section BT

Self-retaining abdominal retractors see section BV



EB111R

EB112R

EB113R

EB114R

DESJARDINS

EB111R-EB114R

Sonde und Fänger mit
federndem Schaft

Probe and catcher with
flexible shaft

300 mm, 12"

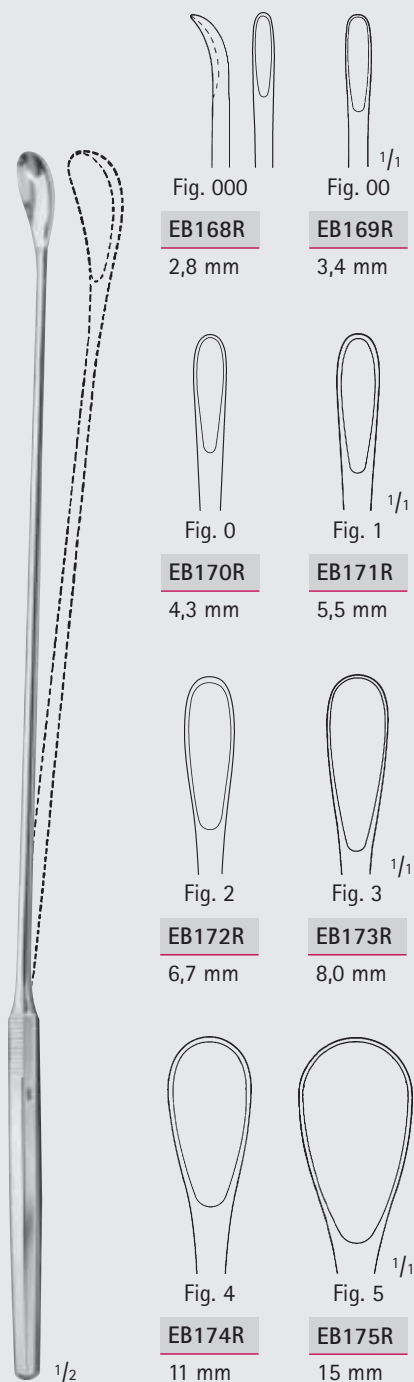


Fig. 000

EB168R

2,8 mm

Fig. 00

EB169R

3,4 mm

Fig. 0

EB170R

4,3 mm

Fig. 1

EB171R

5,5 mm

Fig. 2

EB172R

6,7 mm

Fig. 3

EB173R

8,0 mm

Fig. 4

EB174R

11 mm

Fig. 5

EB175R

15 mm

LUER-KÖRTE MODIF.

EB168R-EB175R

mit biegsamen Schaft

with malleable shaft

325 mm, 12 3/4"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinzangen

Gall Stone Forceps

weitere Gallensteinzangen siehe Rubrik EF
further gall stone forceps see section EF

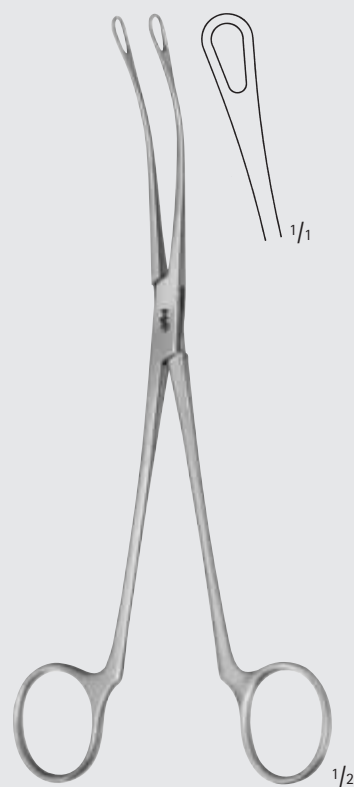
EB



BLAKE

EB220R

205 mm, 8"



BLAKE

EB221R

205 mm, 8"



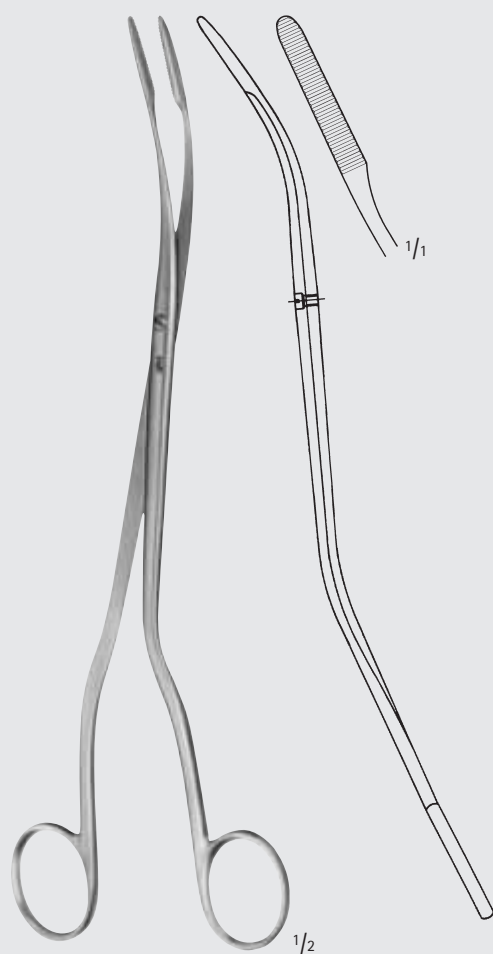
MILLIMETERS

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinzangen

Gall Stone Forceps

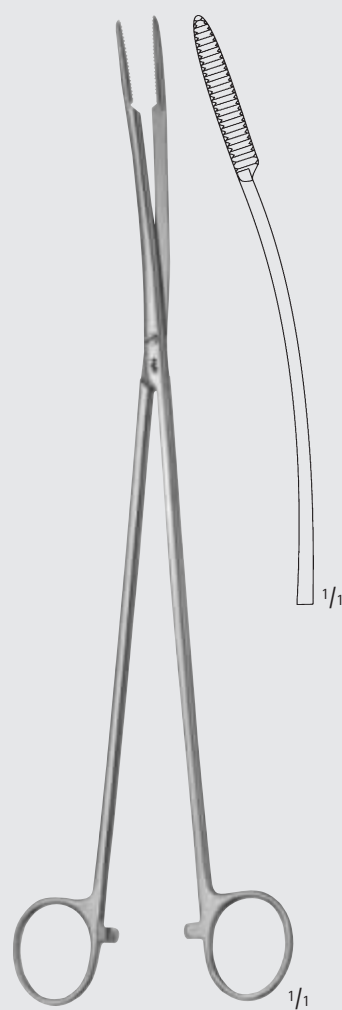
EB



CZERNY

EB225R

245 mm, 9 ³/₄"



PELKMANN

E0061R

260 mm, 10 ¹/₄"



Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinzangen Gall Stone Forceps

EB



EB231R

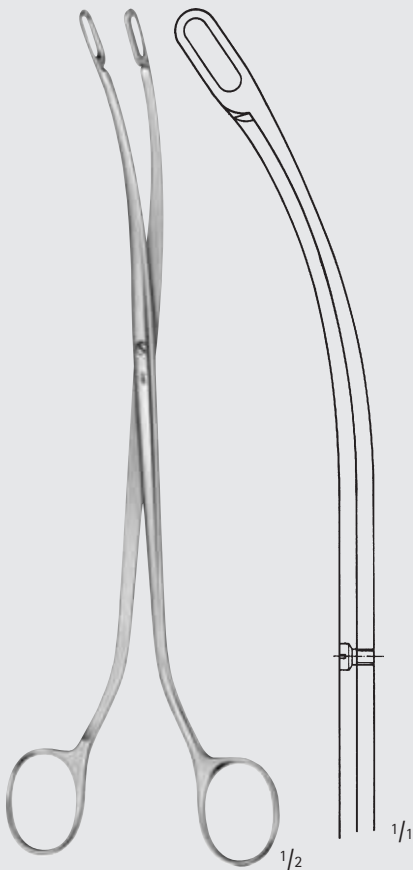
EB232R



EB233R

EB234R

1/1



1/2

DESJARDINS

EB231R-EB233R

225 mm, 9"



EB240R

240 mm

9 1/2"



1/1

EB242R

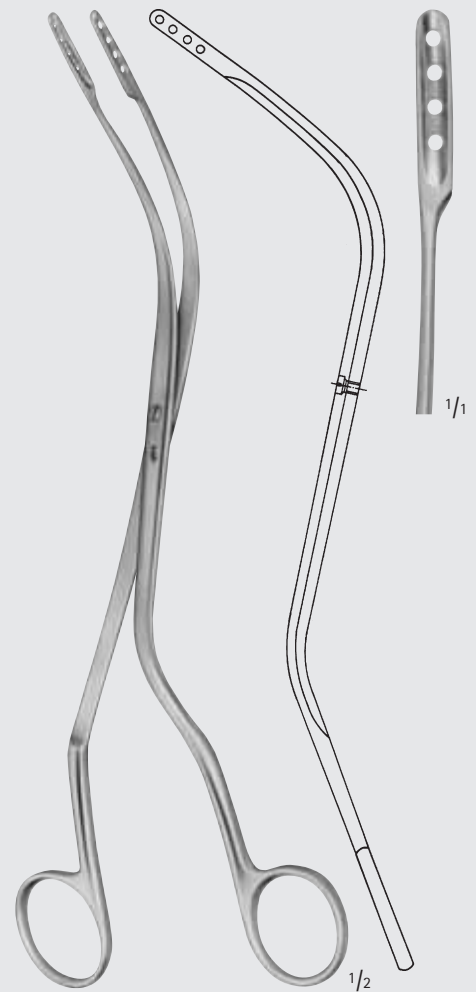
225 mm

9"

DESJARDINS

EB240R-EB242R

besonders schmale Modelle
extremely delicate patterns



1/2

TÜBINGER MODELL

EB239R

255 mm, 10"



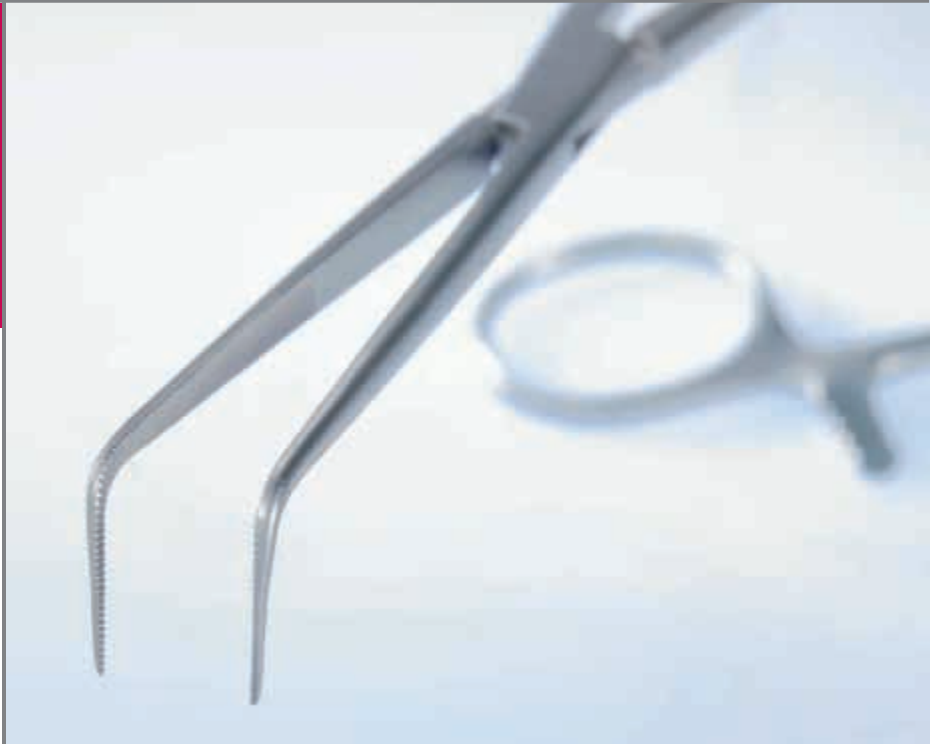
MILLIMETERS



INCHES



EF



Urologie-Instrumente
Genito-Urinary Instruments

Urologie-Instrumente – Genito-Urinary Instruments

Nierenklemmen

Kidney Clamps

AIRAUMATA®



EF001R
240 mm
9 1/2"



EF002R
230 mm
9"



EF003R
230 mm
9"

GUYON

EF001R-EF003R



GUYON

EF011R

230 mm, 9"

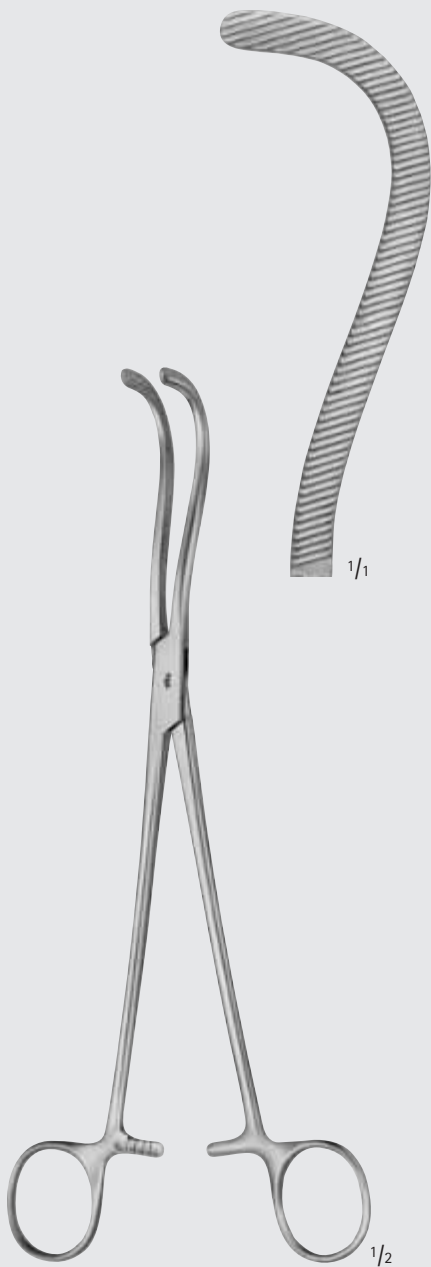


Urologie-Instrumente – Genito-Urinary Instruments

Nierenklemmen

Kidney Clamps

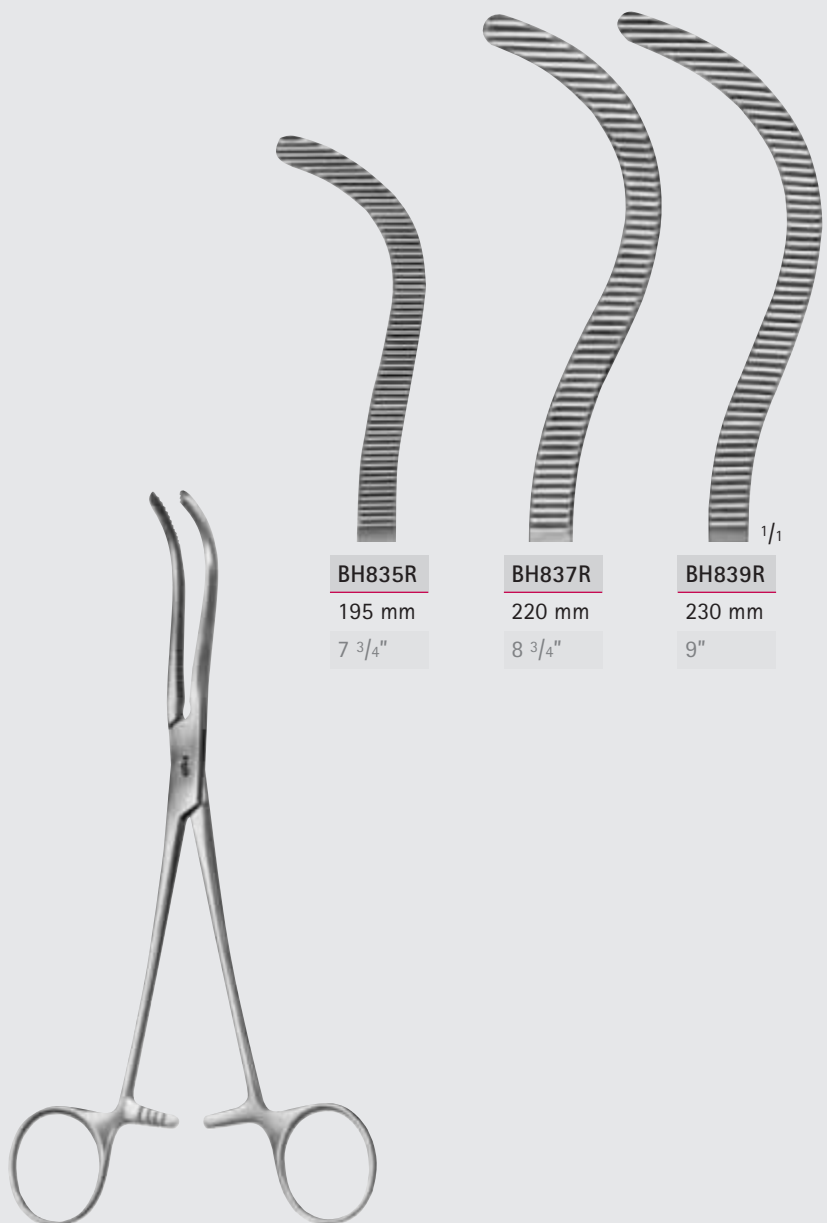
EF



GUYON

EF010R

235 mm, 9 1/4"



PEAN

BH835R-BH839R



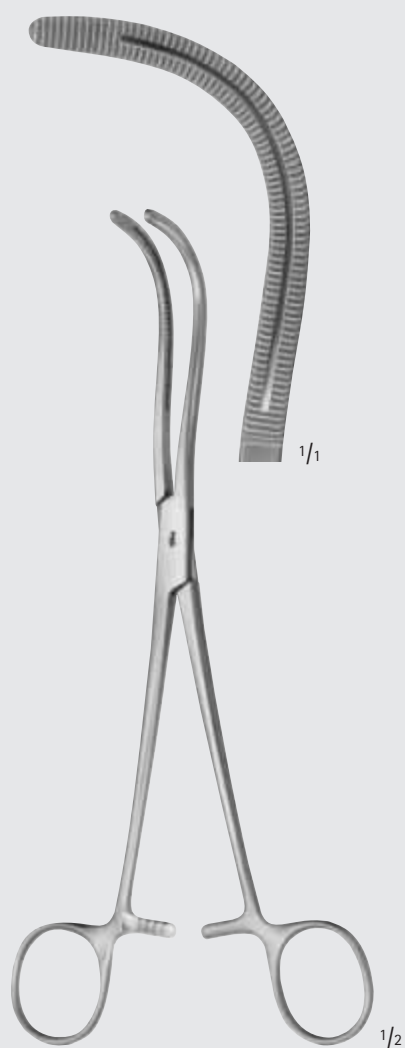
MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Nierenklemmen

Kidney Clamps

EF



STILLE

EF016R

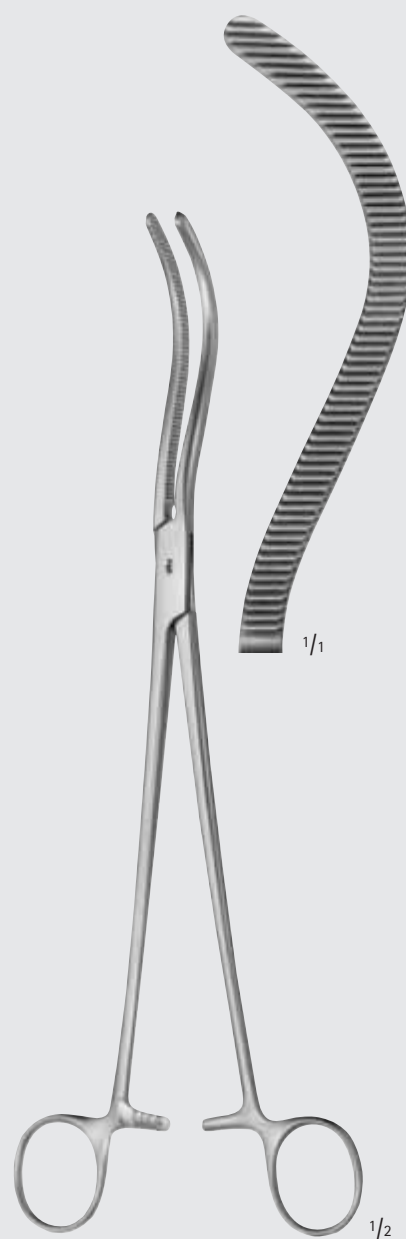
220 mm, 8 $\frac{3}{4}$ "



STILLE

EF015R

240 mm, 9 $\frac{1}{2}$ "



GUYON

EF012R

265 mm, 10 $\frac{1}{2}$ "



Urologie-Instrumente – Genito-Urinary Instruments

Nierenstielklemmen
Kidney Pedicle Clamps

EF



HERRICK

EF030R

225 mm, 9"



WERTHEIM

BJ574R

255 mm, 10"



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Nierenstielklemmen

Kidney Pedicle Clamps

AIRAUMATA®



WERTHEIM-CULLEN

BJ579R

Winkel- und Druckklemme
Angle- and pressure clamp

215 mm, 8 1/2"



WERTHEIM

BJ581R

Winkel- und Druckklemme
Angle- and pressure clamp

250 mm, 10"



Urologie-Instrumente – Genito-Urinary Instruments

Nierenfasszangen
Kidney Elevating Forceps

EF



COLLIN

EO405R

285 mm, 11 1/4"



DARTIGUES

EO407R

255 mm, 10"



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Nierensteinzangen

Kidney Stone Forceps



EF047R

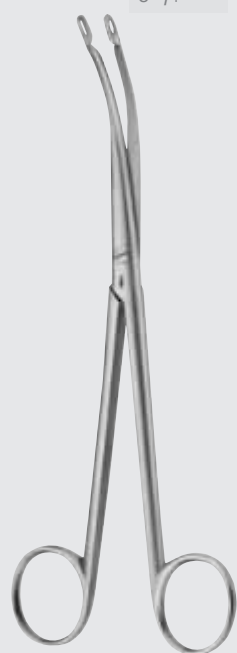
170 mm

6 ³/₄"

EF048R

160 mm

6 ¹/₄"



HEIMING

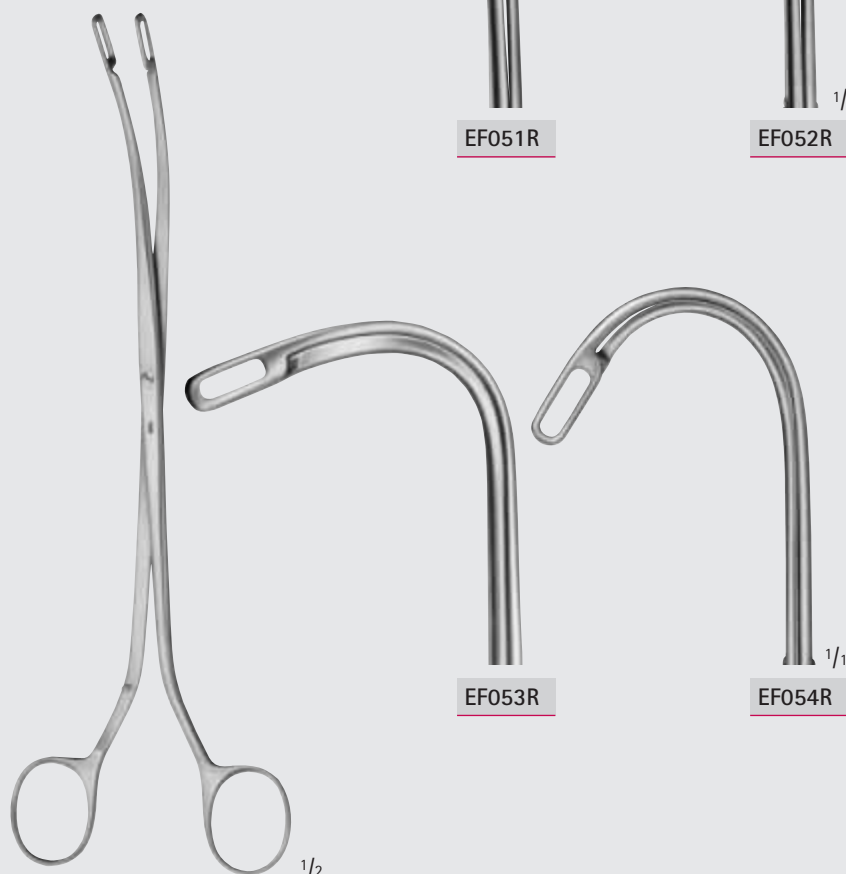
EF047R-EF048R

für Kinder
for children



EF051R

EF052R



EF053R

EF054R

RANDALL

EF051R-EF054R

225 mm, 9"



Urologie-Instrumente – Genito-Urinary Instruments

Nierensteinzangen

Kidney Stone Forceps

EF



EF055R



EF056R



RANDALL

EF055R-EF056R

190 mm, 7 1/2"



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Nierensteinzangen

Kidney Stone Forceps



EB244R

245 mm

9 ³/₄"



EB246R

230 mm

9"



RANDALL

EB244R-EB246R

besonders schmale Modelle

extremely delicate patterns

EF





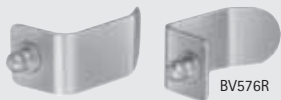
Urologie-Instrumente – Genito-Urinary Instruments

Blasenwundspreizer

Bladder Retractors



KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



BV576R



BV577R

MILLIN

BV580R

Blasenwundspreizer komplett,
bestehend aus:

- BV575R Sperrer allein
- BV576R Blätter 57 x 25 mm
- BV577R Blätter 82 x 25 mm
- BV578R Mittelblatt 105 x 45 mm

Bladder retractor complete,
consisting of:

- BV575R Spreader only
- BV576R Blades 57 x 25 mm
- BV577R Blades 82 x 25 mm
- BV578R Center blade 105 x 45 mm



1/3

LEGUEU

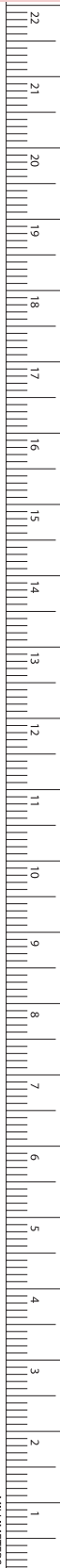
BV928R

Blasenspatel

Bladder spatula

260 mm, 10 1/4"

EF



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Urologie – Prostatektomie

Genito-Urinary Instruments – Prostatectomy

EF



BARRÉ

BB176R-BB178R

No. 3 XL
für linke Hand
for left hand
250 mm, 10"



BB176R

12°



BB178R

25°

1/1



BARRÉ

BB177R

No. 3 XL
für linke Hand
for left hand
250 mm, 10"



spitz/spitz
sharp/sharp

1/1

1/2

BARRÉ

BC715R

Präparierschere
Dissecting scissors
280 mm, 11"

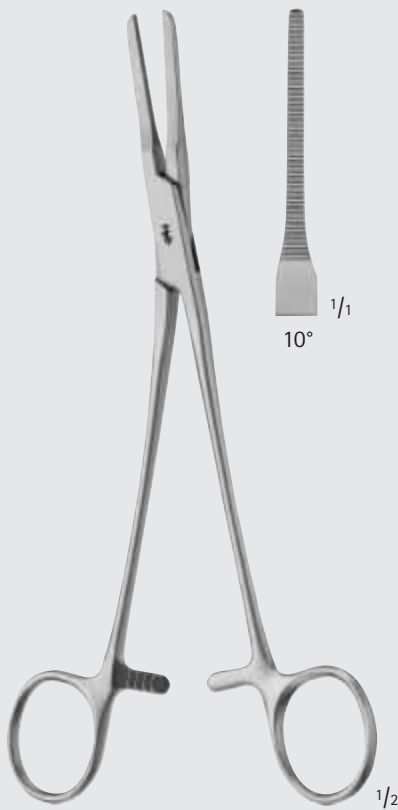


Urologie-Instrumente – Genito-Urinary Instruments

Urologie – Prostatektomie

Genito-Urinary Instruments – Prostatectomy

EF



EF167R

Venenklamme

Venous plexus clamp

210 mm, 8 1/4"



BJ029R

extra fein

extra delicate

BJ110R

fein

delicate

BARRE

BJ029R-BJ110R

Präparierklemmen

Dissecting forceps

280 mm, 11"



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Urologie – Prostatektomie

Genito-Urinary Instruments – Prostatectomy

EF



BARRÉ

BT680R

Prostata-Retractor
Prostate retractor

360 mm, 14 $\frac{3}{8}$ "



BARRÉ

BT681R

Urethra-Retractor
Urethral retractor

390 mm, 15 $\frac{1}{2}$ "



BARRÉ

GK685R

Bipolare Pinzette
Bipolar forceps

260 mm, 10 $\frac{1}{4}$ "

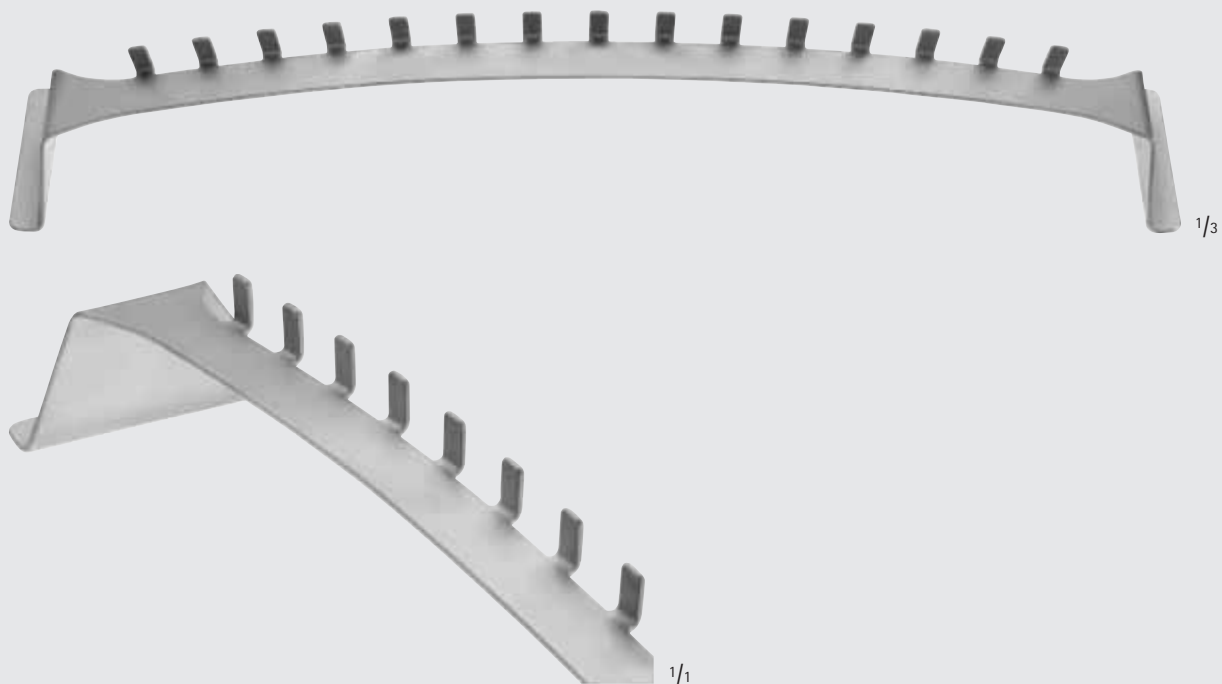


Urologie-Instrumente – Genito-Urinary Instruments

Urologie – Prostatektomie

Genito-Urinary Instruments – Prostatectomy

EF



BARRÉ

BV927R

Fadenhaltebügel

Suture holding frame

465 mm, 18 1/3"



Urologie-Instrumente – Genito-Urinary Instruments

Urologie – Prostatektomie

Genito-Urinary Instruments – Prostatectomy

AIRAUMATA®



MILLIN

EF163R

Kapselasszange

Lobe grasping forceps

245 mm, 9 3/4"

AIRAUMATA®



MILLIN

EF164R

Kapselasszange

Lobe grasping forceps

235 mm, 9 1/4"



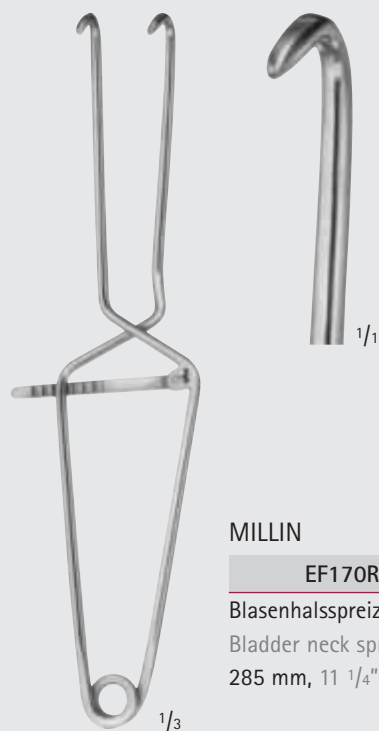
MILLIN

EF168R

Fadenhalteazange

Ligature holding forceps

245 mm, 9 3/4"



MILLIN

EF170R

Blasenhalsspreizer

Bladder neck spreader

285 mm, 11 1/4"



Urologie-Instrumente – Genito-Urinary Instruments

Urologie – Prostatektomie

Genito-Urinary Instruments – Prostatectomy

EF



BM627R



BM628R



BM629R

BM627R-BM629R

Ersatz-Nadeln

Spare needles



$\frac{1}{2}$

YOUNG-HRYNTSCHAK

BM620R

Bumerang-Nadelhalter
mit 1 Nadel BM627R
Boomerang Needle Holder
with 1 needle BM627R
240 mm, 9 $\frac{1}{2}$ "



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Instrumente

Genito-Urinary Instruments

AIRAUMATA®



EF070R

Ureterzange

Ureter Forceps

240 mm, 9 1/2"

Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Instrumente
Genito-Urinary Instruments

EF



STOCKMANN

EF400R

Penisklemme

Penis clamp

70 mm, 2 3/4"



STRAUSS

EF401R

Penisklemme

Penis clamp

130 mm, 5 1/8"



EF155R

Zange zum Erfassen der
Glans und der Vorhaut,
Ring-Ø 4,8 mm

Forceps for grasping the
glans and the foreskin,
ring diam. 4.8 mm

125 mm, 5"



EF195R

Klemme zum Fixieren
des Samenstrangs

Fixation clamp for the
spermatic cord

145 mm, 5 3/4"



BT126R

Haken für den Samenstrang
Hook for the spermatic cord

165 mm, 6 1/2"

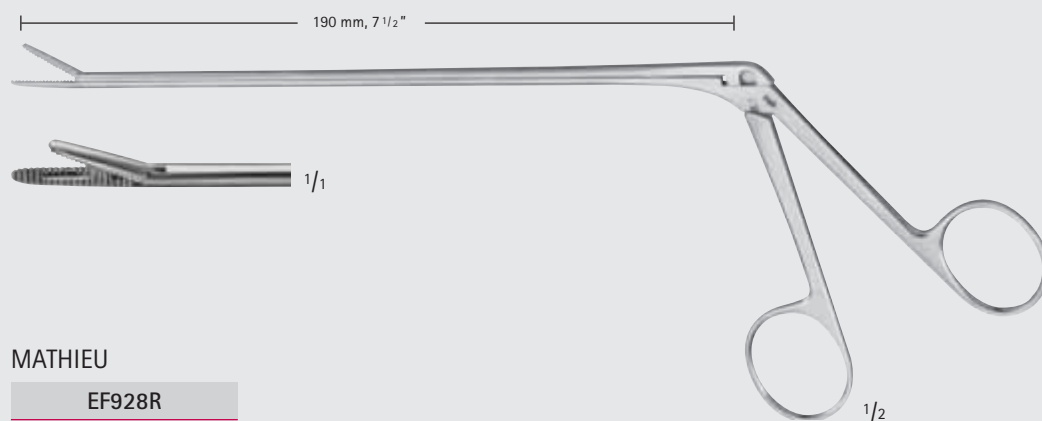


MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Harnröhre

Genito-Urinary Instruments



MATHIEU

EF928R

Fremdkörperzange

Foreign body forceps



PITHA

EF921R

Fremdkörperzange

Foreign body forceps

220 mm, 8 3/4"

biegsam
malleable



ASCH

ER005R

Sekretlöffel, stumpf

Secretion scoop, blunt

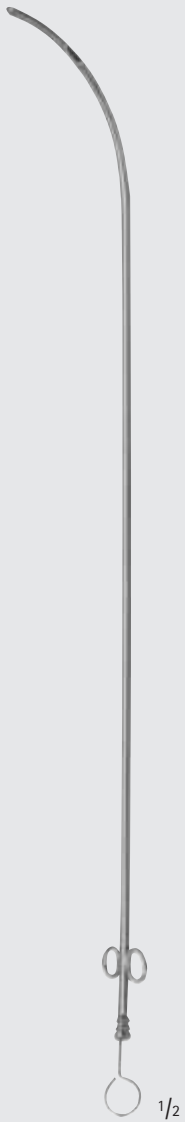
200 mm, 8"



Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Instrumente
Genito-Urinary Instruments

EF



Charr. (French)

EF208C	8
EF210C	10
EF212C	12
EF214C	14
EF216C	16
EF218C	18
EF220C	20

Metallkatheter
für Männer
Male catheters,
metal
290 mm, 11 1/2"



Charr. (French)

EF306C	6
EF308C	8
EF310C	10
EF312C	12
EF314C	14
EF316C	16
EF318C	18

Metallkatheter
für Frauen
Female catheters
metal
155 mm, 6"



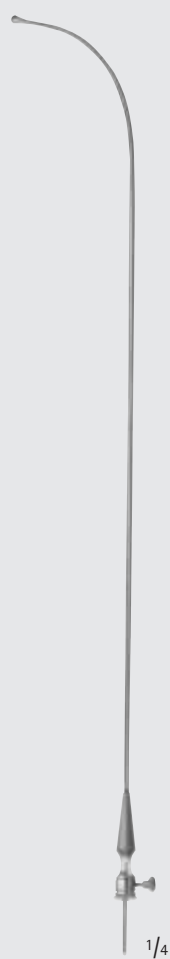
MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Instrumente

Genito-Urinary Instruments

EF



EF491C

Katheterspanner und
Einführungsinstrument

Catheter guide
(introducer)

490 mm, 19 1/2"



GUYON

EF492R

Katheterspanner und
Einführungsinstrument

Catheter guide
(introducer)

365 mm, 14 1/2"



EF493R

Kathetereinführungsinstrument

Introducer for catheters

460 mm, 18"



Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Instrumente

Genito-Urinary Instruments

EF



Charr. (French)

EF638R	8
EF639R	9
EF640R	10
EF641R	11
EF642R	12
EF643R	13
EF644R	14
EF645R	15
EF646R	16
EF647R	17
EF648R	18
EF649R	19
EF650R	20
EF651R	21
EF652R	22
EF653R	23
EF654R	24
EF655R	25
EF656R	26
EF657R	27
EF658R	28
EF659R	29
EF660R	30

DITTEL

EF638R-EF660R

Metallbougie-Öffner, starr
Urethral bougies
and dilating sounds, stiff
345 mm, 13 3/4"



TURNER WARWICK

EF790R

Harnröhrenbougie
Retrograde bougie
180 mm, 7"



MILLIMETERS

Urologie-Instrumente – Genito-Urinary Instruments

Urologie-Instrumente

Genito-Urinary Instruments



EF824R	Ben.24/Charr.12
EF826R	Ben.26/Charr.13
EF828R	Ben.28/Charr.14
EF830R	Ben.30/Charr.15
EF832R	Ben.32/Charr.16
EF834R	Ben.34/Charr.17
EF836R	Ben.36/Charr.18
EF838R	Ben.38/Charr.19
EF840R	Ben.40/Charr.20
EF842R	Ben.42/Charr.21
EF844R	Ben.44/Charr.22
EF846R	Ben.46/Charr.23
EF848R	Ben.48/Charr.24
EF850R	Ben.50/Charr.25
EF852R	Ben.52/Charr.26
EF854R	Ben.54/Charr.27
EF856R	Ben.56/Charr.28
EF858R	Ben.58/Charr.29
EF860R	Ben.60/Charr.30

GUYON

EF824R-EF860R

Metallbougie-Öffner

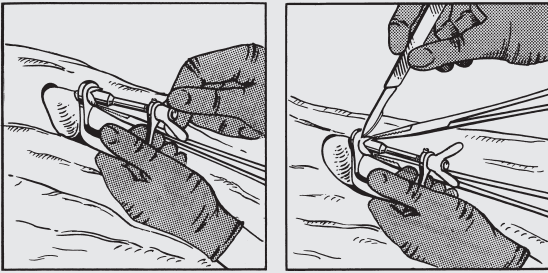
Urethral bougies and
dilating sounds

255 mm, 10"

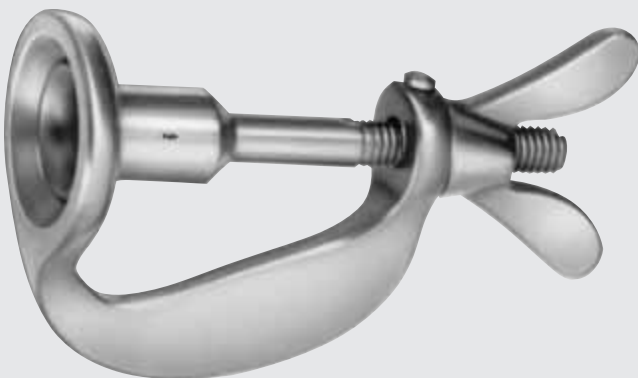
Urologie-Instrumente – Genito-Urinary Instruments

Beschneidungsklemmen

Circumcision Clamps



- Der glockenförmige Stempel der Beschneidungsklemme wird über die Eichel geschoben und die Vorhaut darübergezogen, was 2 Klemmen oder Haltefäden erleichtern.
 - Die Flügelmutter wird so stark wie möglich angezogen, so dass die Vorhaut ringförmig maximal komprimiert wird.
 - Mit dem Skalpell wird die Vorhaut unmittelbar am Kompressionsring abgetragen. Zur Vermeidung von Blutungen bleibt die Beschneidungsklemme einige Minuten liegen. Es empfiehlt sich, größere Venen, in jedem Falle aber die Frenulumarterie nach etwaiger Durchtrennung zu unterbinden.
 - Der Vorteil dieser Beschneidungsart liegt in der kosmetisch günstigen Narbe, wie sie nach Abstoßung des dünnen Nekrosesaumes entsteht.
- Assisted by two hemostats or ligatures the foreskin is pushed over the bellshaped protection-rod and the glans is placed into it.
 - By now, the wing-nut is tightened as close as possible, so the foreskin is annular compressed. The foreskin is cut off with a scalpel, right next to the compression ring.
 - The circumcision clamp remains a few minutes to avoid bleeding. In case that any large vein, specially the frenular artery, is cut through, a ligature must be set.
 - The advantage of the method described is the cosmeticly favourable scar which is left after rejection of the small necrotized portion.



WINKELMANN

Ø

diam.

EF965R	12 mm
EF966R	16 mm
EF967R	20 mm

Beschneidungsklemmen
Circumcision clamps

EF





EJ



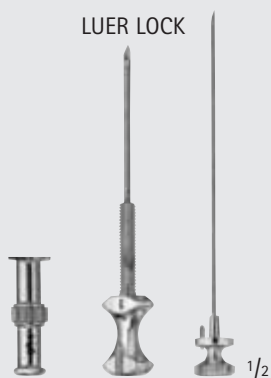
Trokare
Trocars

Trokare – Trocars

Trokare

Trochars

LUER LOCK



KLIMA-ROSEGGER

SR428R

Sternal-Punktionskanüle

Sternal puncture needle

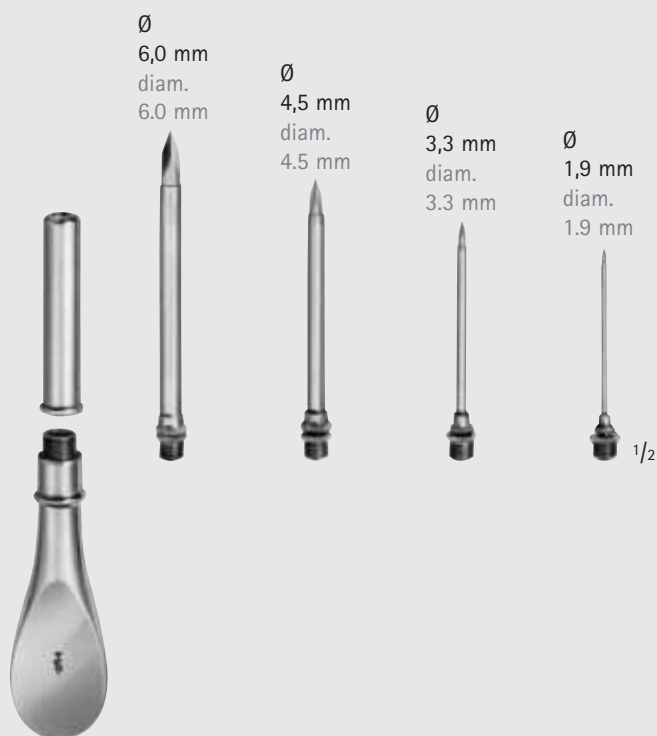
1,8 x 35 mm

Ø
6,0 mm
diam.
6.0 mm

Ø
4,5 mm
diam.
4.5 mm

Ø
3,3 mm
diam.
3.3 mm

Ø
1,9 mm
diam.
1.9 mm



EJ126R

Universaltrokar mit 4
Aufsätzen

Universal trocar with 4 tips



EL



Scheidenspekula
Vaginal Specula

Scheidenspekula – Vaginal Specula

Scheidenspekula

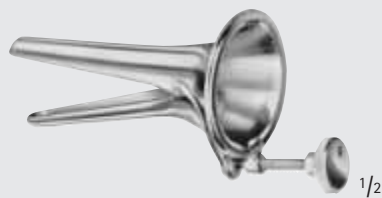
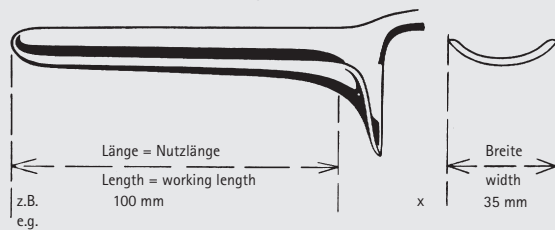
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

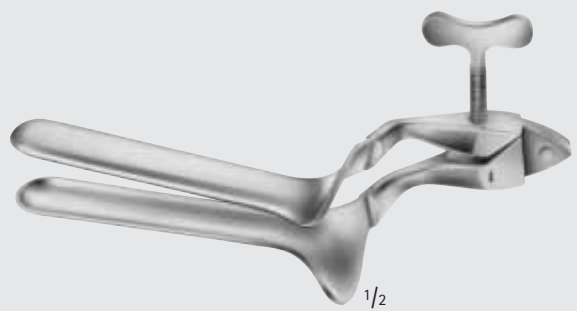
How to measure vaginal specula



COLLIN

EL010C

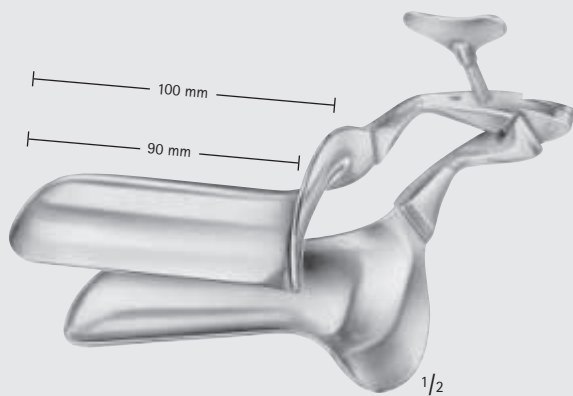
53 x 10 mm
für Kinder
for children



COLLIN

EL011R

95/85 x 18 mm
für Jungfrauen
for virgins



COLLIN

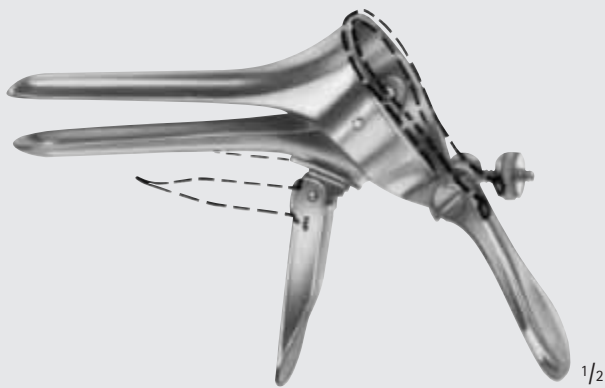
Gesamtlänge/Nutzlänge Breite
Total length/working length Width

EL013R	100/90 mm	28 mm
EL014R	100/90 mm	32 mm
EL015R	105/95 mm	35 mm
EL016R	115/105 mm	40 mm



Scheidenspekula – Vaginal Specula

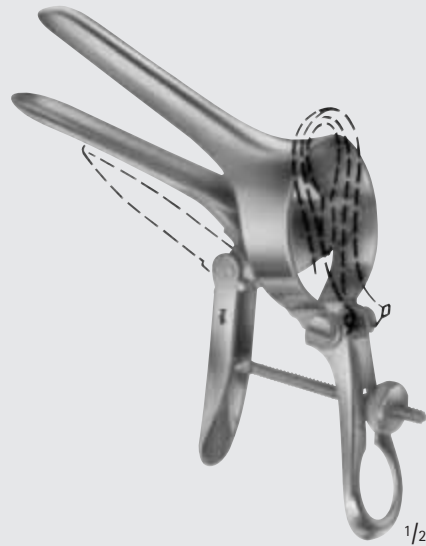
Scheidenspekula
Vaginal Specula



CUSCO

EL040R

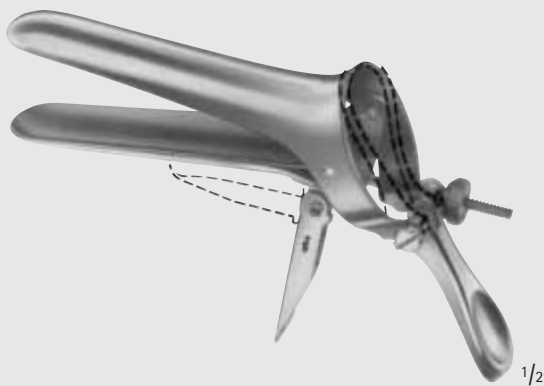
75 x 17 mm
für Jungfrauen
for virgins



CUSCO

EL075R

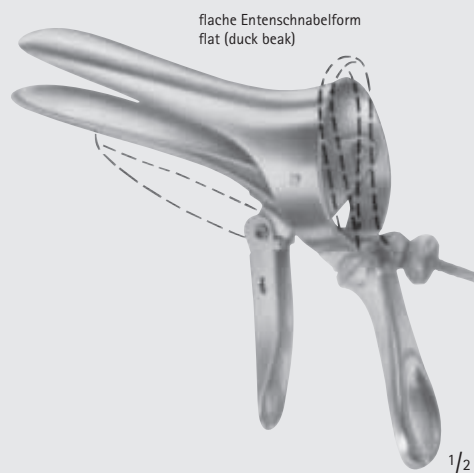
75 x 17 mm
für Jungfrauen
for virgins



CUSCO

EL056R	92 x 23 - 25 mm
EL057R	100 x 25 - 27 mm
EL058R	110 x 27 - 30 mm

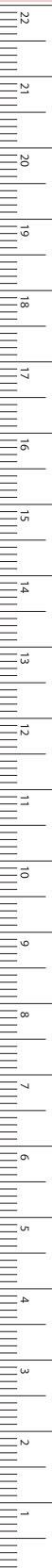
Schweizer Modelle
speziell: lang und schmal
Swiss patterns
features: long and narrow



CUSCO

EL086R	80 x 32 mm
EL087R	90 x 37 mm
EL088R	115 x 37 mm

73



MILLIMETERS

Scheidenspekula – Vaginal Specula

Scheidenspekula

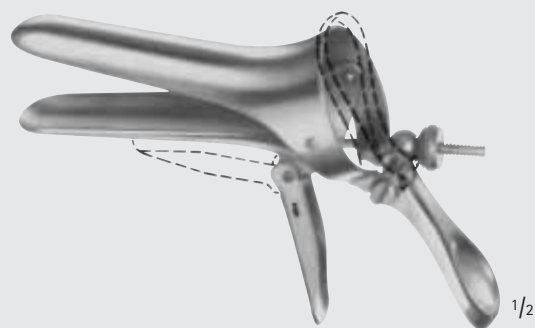
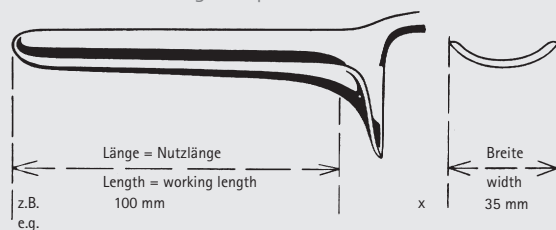
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



CUSCO STANDARD

EL041R	80 x 24 mm
EL042R	80 x 32 mm
EL043R	90 x 36 mm
EL044R	110 x 37 mm

Standard-Modelle

Standard patterns



CUSCO

EL076R	80 x 24 mm
EL077R	80 x 32 mm
EL078R	90 x 36 mm
EL079R	110 x 37 mm



CUSCO

EL080R	107 x 29 mm
EL081R	115 x 35 mm

mit Absaugrohr

with suction tube



TRELAT

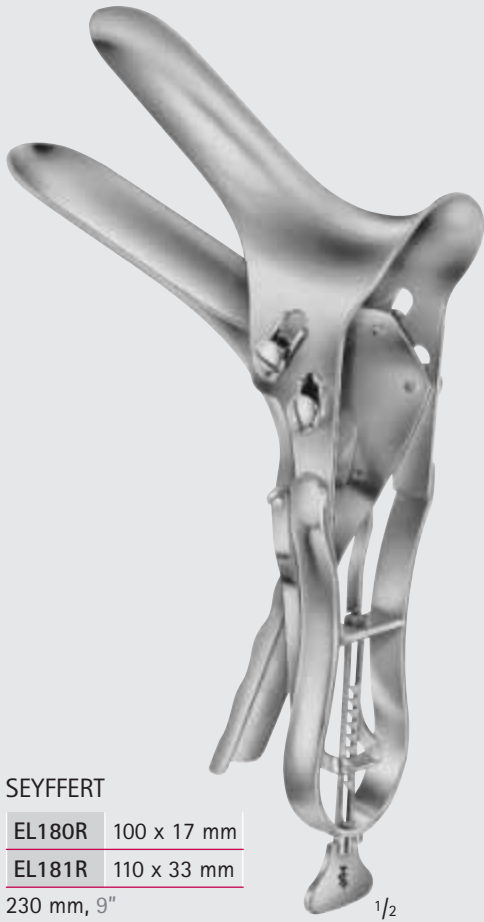
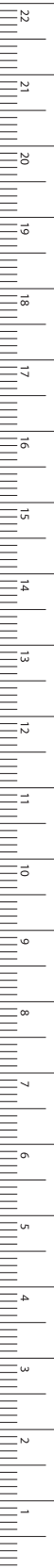
EL150R	85 x 33 mm
EL151R	95 x 35 mm
EL152R	115 x 43 mm



Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

73

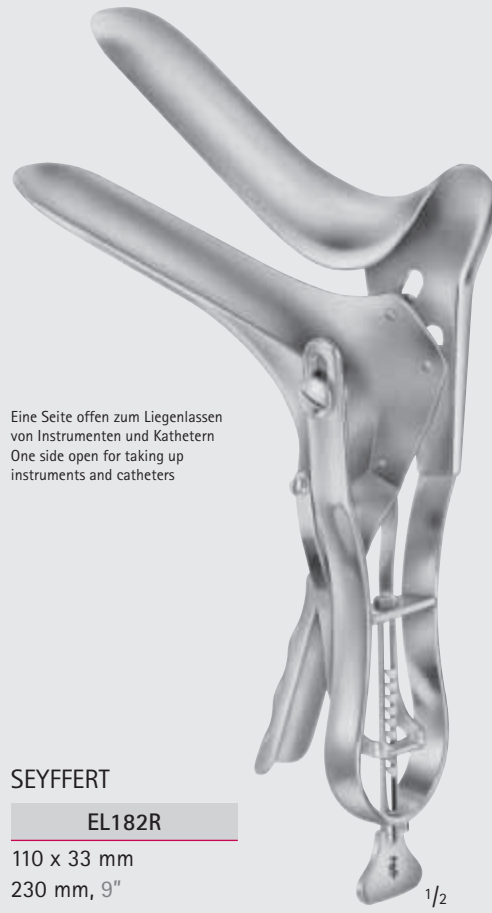


SEYFFERT

EL180R	100 x 17 mm
EL181R	110 x 33 mm

230 mm, 9"

1/2



Eine Seite offen zum Liegenlassen
von Instrumenten und Kathetern
One side open for taking up
instruments and catheters

SEYFFERT

EL182R

110 x 33 mm
230 mm, 9"

1/2



Mit Doppelsperre, Fixieren und Lösen
der Sperre durch Daumendruck
With double ratchet, closing and
opening of ratchet by pressure of thumb

SEMM

EL183R

90 x 14 - 18 mm
für Kinder und Jungfrauen
for children and virgins
180 mm, 7"

1/2



Mit Doppelsperre, Fixieren und Lösen
der Sperre durch Daumendruck
With double ratchet, closing and
opening of ratchet by pressure of thumb

SEMM

EL184R	100 x 20 - 24 mm
EL185R	100 x 30 - 34 mm

185 mm, 7 1/4"

1/2

Scheidenspekula – Vaginal Specula

Scheidenspekula

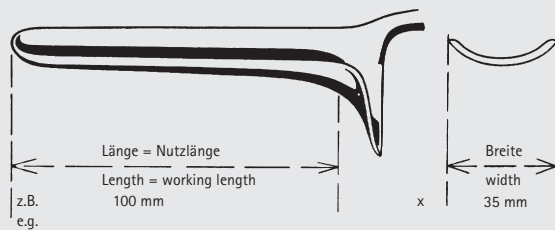
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



SIMS	Nutzlänge x Breite	Gesamtlänge
	Working length x Width	Total length
EL407R	70 x 26 / 75 x 30 mm	125 mm, 5"
EL408R	75 x 30 / 80 x 35 mm	150 mm, 6"
EL409R	80 x 36 / 90 x 40 mm	175 mm, 7"



Scheidenspekula – Vaginal Specula

Scheidenspekula – Sätze, obere und untere Blätter

Vaginal Specula – Sets, Upper and Lower Blades



SEIDEL

EL410R 80 x 8 mm

EL411R 80 x 10 mm

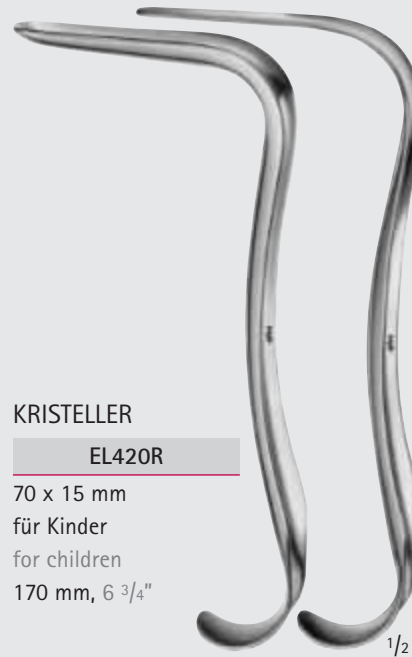
EL413R 90 x 14 mm

für Kinder und Kleinkinder

for children and infants

170 mm, 6 $\frac{3}{4}$ "

$\frac{1}{2}$



KRISTELLER

EL420R

70 x 15 mm

für Kinder

for children

170 mm, 6 $\frac{3}{4}$ "

$\frac{1}{2}$



KRISTELLER

EL421R 70 x 27 mm

EL422R 75 x 30 mm

EL423R 90 x 36 mm

175 mm, 7"

$\frac{1}{2}$



KRISTELLER

EL424R 110 x 18 mm

EL426R 110 x 20 mm

EL425R 110 x 27 mm

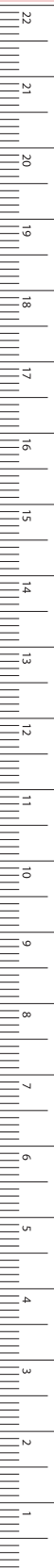
EL427R 110 x 30 mm

EL428R 110 x 36 mm

220 mm, 8 $\frac{3}{4}$ "

$\frac{1}{2}$

73



MILLIMETERS

Scheidenspekula – Vaginal Specula

Scheidenspekula – untere Blätter

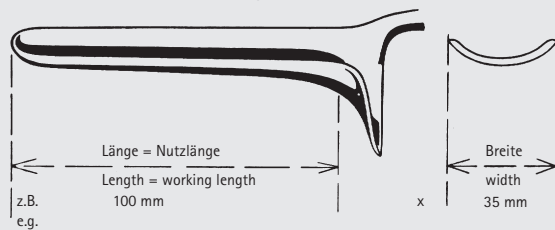
Vaginal Specula – Lower Blades

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



EL440R

70 x 15 mm

175 mm

7"



EL441R

70 x 27 mm

180 mm

7"



EL442R

75 x 30 mm

180 mm

7"



EL443R

90 x 36 mm

185 mm

7 1/4"

KRISTELLER

EL440R-EL443R

untere Blätter

lower blades

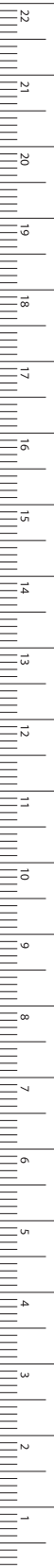


Scheidenspekula – Vaginal Specula

Scheidenspekula - obere Blätter

Vaginal Specula - Upper Blades

73



MILLIMETERS



EL450R

75 x 10 mm

175 mm

7"



EL451R

75 x 23 mm

180 mm

7"



EL452R

80 x 25 mm

180 mm

7"



EL453R

100 x 32 mm

185 mm

7 1/4"



KRISTELLER

EL450R-EL453R

obere Blätter

upper blades

Scheidenspekula – Vaginal Specula

Scheidenspekula – untere Blätter

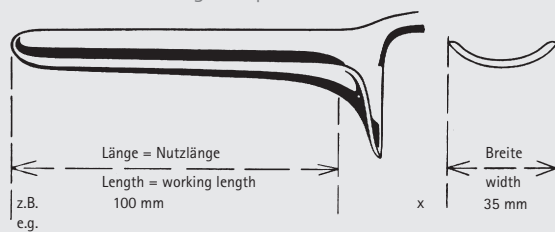
Vaginal Specula – Lower Blades

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



KRISTELLER

EL444R-EL448R

untere Blätter

lower blades



Scheidenspekula – Vaginal Specula

Scheidenspekula – obere Blätter

Vaginal Specula – Upper Blades

73



KRISTELLER

EL454R-EL458R

obere Blätter
upper blades

EL454R

115 x 14 mm

215 mm

8 1/2"

EL455R

115 x 23 mm

215 mm

8 1/2"

EL456R

115 x 16 mm

220 mm

8 3/4"

EL457R

115 x 26 mm

220 mm

8 3/4"

EL458R

120 x 30 mm

225 mm

9"

MILLIMETERS

Scheidenspekula – Vaginal Specula

Scheidenspekula

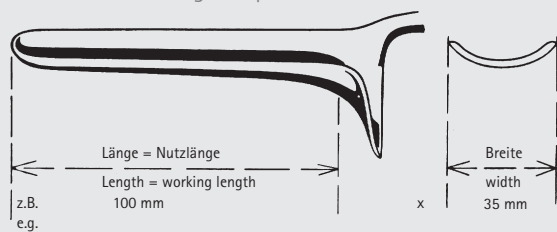
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



KALLMORGEN

EL480R

75 x 39 mm

Satz

Set

170 mm, 6 3/4"



KALLMORGEN

EL481R

95 x 39 mm

Satz

Set

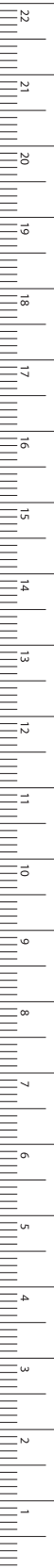
200 mm, 8"



Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

73



EL494R

110 x 20 mm



EL495R

110 x 30 mm



EL496R

110 x 36 mm

KRISTELLER

EL494R-EL496R

untere Blätter

lower blades

215 mm, 8 1/2"



EL497R

115 x 18 mm



EL498R

115 x 26 mm



EL499R

115 x 32 mm

KRISTELLER

EL497R-EL499R

obere Blätter

upper blades

220 mm, 8 3/4"

KRISTELLER

EL491R 110 x 20 mm

EL492R 110 x 30 mm

EL493R 110 x 36 mm

Wiener Modelle

Sätze

Vienna patterns

Sets

Scheidenspekula – Vaginal Specula

Scheidenspekula für Kinder und Jungfrauen

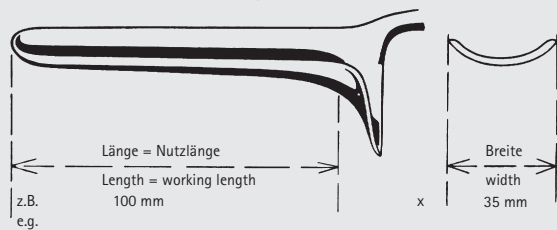
Vaginal Specula for Children and Virgins

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula

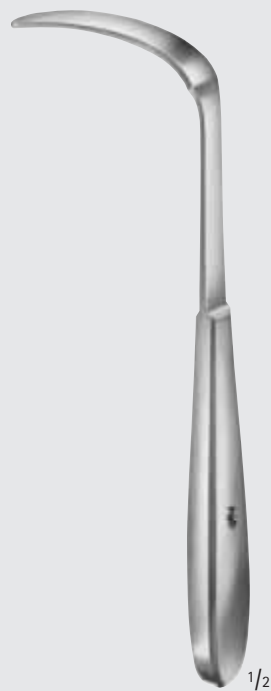


BRAUN

EL550R

56 x 13 mm

180 mm, 7"



BRAUN

EL551R

60 x 10 mm

180 mm, 7"



Scheidenspekula – Vaginal Specula

Scheidenspekula für Kinder und Jungfrauen
Vaginal Specula for Children and Virgins

73



MATHIEU

EL558R

95 x 17 - 30 mm

210 mm, 8 1/4"



MATHIEU

EL559R

95 x 17 - 26 mm

passend zu EL558R

fitting EL558R

210 mm, 8 1/4"



MILLIMETERS

Scheidenspekula – Vaginal Specula

Scheidenspekula

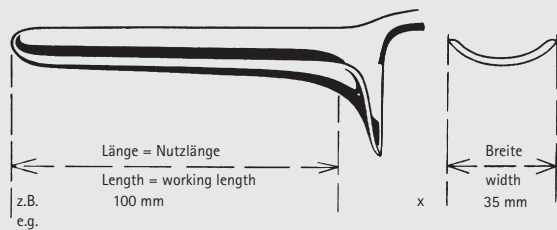
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



EL578R

89 x 38 mm



EL579R

102 x 38 mm

leicht hohl
slightly concave



JACKSON

EL578R-EL579R

175 mm, 7"



EL627R

60 x 45 mm



EL628R

90 x 45 mm



EL629R

112 x 45 mm



DOYEN

EL627R-EL629R

235 mm, 9 1/4"



Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

73



DOYEN

EL631R-EL644R

240 mm, 9 1/2"

	Länge Length	Breite Width
EL631R	60 mm	35 mm
EL632R	90 mm	35 mm
EL633R	120 mm	35 mm
EL634R	60 mm	45 mm
EL635R	90 mm	45 mm
EL636R	120 mm	45 mm
EL637R	60 mm	60 mm
EL638R	90 mm	60 mm
EL639R	120 mm	60 mm
EL642R	160 mm	45 mm
EL644R	160 mm	60 mm



LONDON

EL660R

89 x 25 mm
195 mm, 7 3/4"



Scheidenspekula – Vaginal Specula

Scheidenspekula

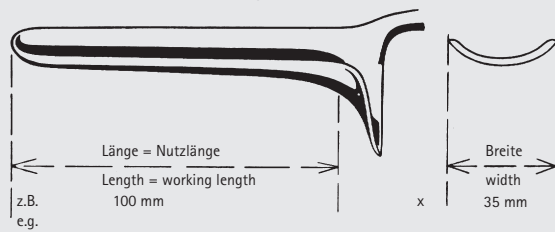
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



EASTMAN

EL581R

89 x 38 mm

175 mm, 7"



HEANEY

EL865R

83 x 29 mm

170 mm, 6 3/4"



Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

73



LANDAU

EL690R	100 x 28 mm
EL691R	110 x 38 mm

290 mm, 11 1/2"



BREISKY

EL703R	100 x 20 mm
EL704R	100 x 25 mm
EL705R	100 x 30 mm
EL707R	100 x 35 mm
EL708R	100 x 40 mm

Wiener Modelle

Vienna patterns

300 mm, 12"



BREISKY

EL693R	130 x 20 mm
EL694R	130 x 25 mm
EL695R	130 x 30 mm
EL697R	130 x 35 mm
EL698R	130 x 40 mm

Wiener Modelle

Vienna patterns

320 mm, 12 3/4"



BREISKY

EL700R	160 x 40 mm
EL702R	180 x 40 mm

Wiener Modelle

Vienna patterns

350 mm, 14"



MILLIMETERS

Scheidenspekula – Vaginal Specula

Scheidenhalter und Wundhaken

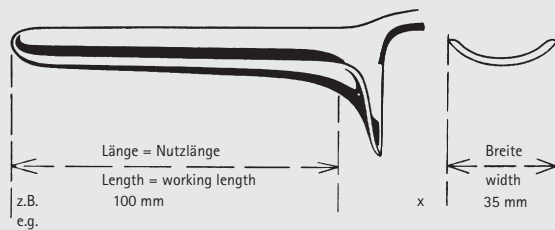
Vaginal- and Wound Retractors

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



WEISSBARTH

EL720C 80 x 28 mm

EL721C 85 x 42 mm

210 mm, 8 1/4 "

EL722C

abnehmbares Auffangsieb
allein
removable strainer only



DOYEN

EL859R

60 x 30 mm

seitliches Spekulum

lateral speculum

230 mm, 9"



DOYEN

EL860R

80 x 30 mm

seitliches Spekulum

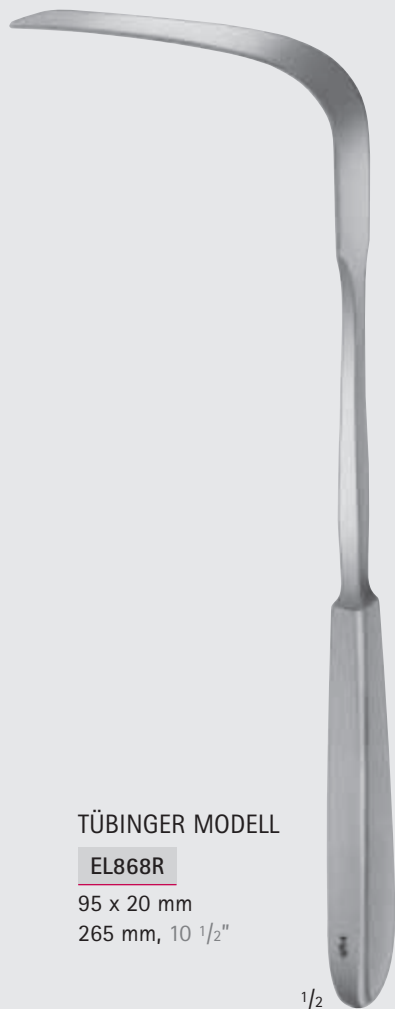
lateral speculum

250 mm, 10"



Scheidenspekula – Vaginal Specula

Scheidenhalter und Wundhaken
Vaginal- and Wound Retractors

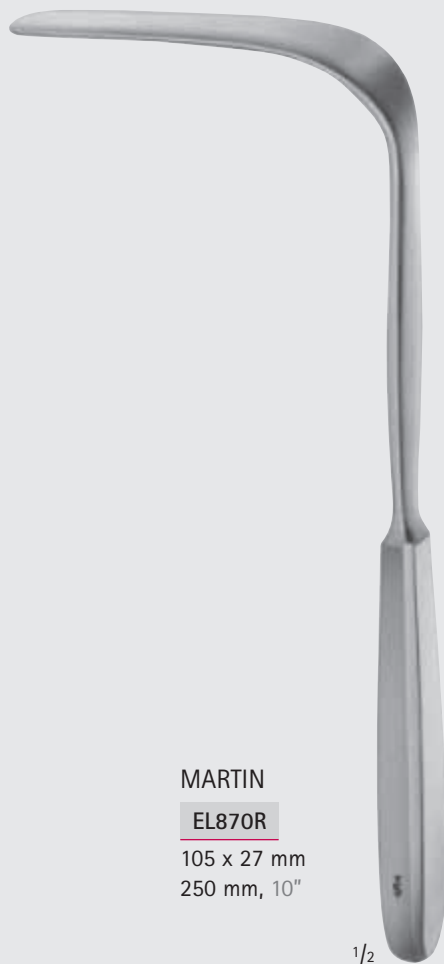


TÜBINGER MODELL

EL868R

95 x 20 mm
265 mm, 10 1/2"

1/2



MARTIN

EL870R

105 x 27 mm
250 mm, 10"

1/2



SIMON

EL872R

115 x 22 mm
275 mm, 10 3/4"

1/2



SIMON

EL873R

115 x 26 mm
275 mm, 10 3/4"

1/2

73



MILLIMETERS

Scheidenspekula – Vaginal Specula

Scheidenspekula

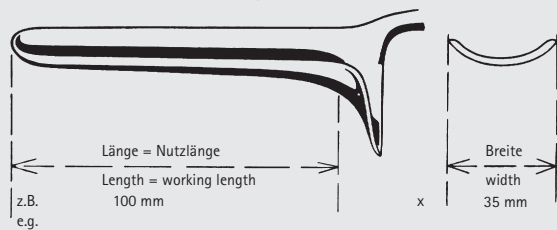
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



AUVARD

EL736R

65 x 38 - 28 mm

1,530 kg = 3 lbs. 6 oz.

mit abnehmbarem Gewicht

1.530 kg = 3 lbs. 6 oz.

with detachable weight

230 mm, 9"



AUVARD

EL738R 75 x 42 - 40 mm

EL739R 105 x 43 - 40 mm

1,470 kg = 3 lbs. 4 oz.

mit abnehmbarem Gewicht

1.470 kg = 3 lbs. 4 oz.

with detachable weight

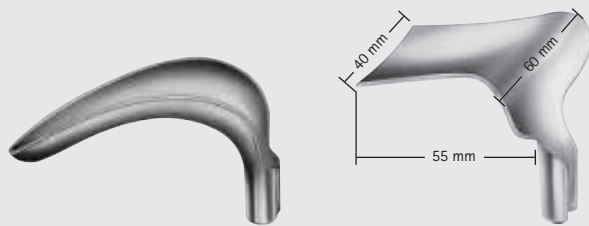
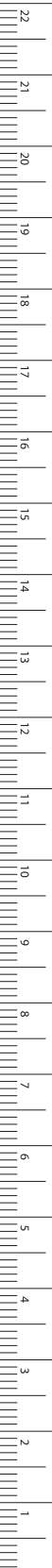
230 mm, 9"



Scheidenspekula – Vaginal Specula

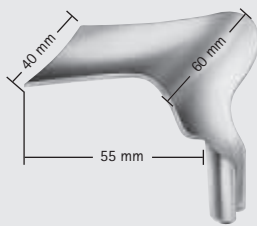
Scheidenspekula
Vaginal Specula

73



EL741R

80 x 30 mm



EL744R

55 x 40 - 60 mm



EL742R

85 x 35 mm



EL743R

85 x 40 mm



EL746R

EL747R

¹/₃

Die Blätter sind austauschbar.
Sie passen sowohl auf den Griff EL746R,
als auch auf die Griffe EL759R und EL760R,
siehe Seite 658

The blades can be exchanged.
They fit handle EL746R as well as
handles EL759R and EL760R,
see page 658

SCHERBACK

EL740R

Satz, bestehend aus:

Griff (EL746R)

Gewicht (EL747R)

4 Blätter (EL741R - EL744R)

Set, consisting of:

Handle (EL746R)

Weight (EL747R)

4 Blades (EL741R - EL744R)

Scheidenspekula – Vaginal Specula

Scheidenspekula

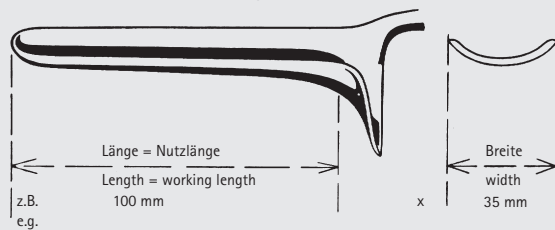
Vaginal Specula

Scheidenspekula

Schema für Maßangaben bei Spekula

Vaginal specula

How to measure vaginal specula



EL755R

80 x 30 mm



EL751R

65 x 30 mm



EL756R

85 x 33 mm



EL752R

75 x 35 mm



EL757R

100 x 38 mm



EL753R

85 x 35 mm



EL758R

110 x 42 mm



EL754R

95 x 35 mm



$\frac{1}{3}$

EL759R

230 mm, 9"



$\frac{1}{3}$

EL760R

220 mm, 8 $\frac{3}{4}$ "

Die Blätter sind austauschbar.

Sie passen sowohl auf den Griff EL746R,
als auch auf die Griffe EL759R und EL760R

The blades can be exchanged.

They fit handle EL746R as well as
handles EL759R and EL760R



Scheidenspekula – Vaginal Specula

Vulva-Spreizer
Vaginal Retractor

73



JOLL (FRIEDMANN)

BV087R

155 mm, 6"



GELPI

BV996R

135 mm, 5 1/4"



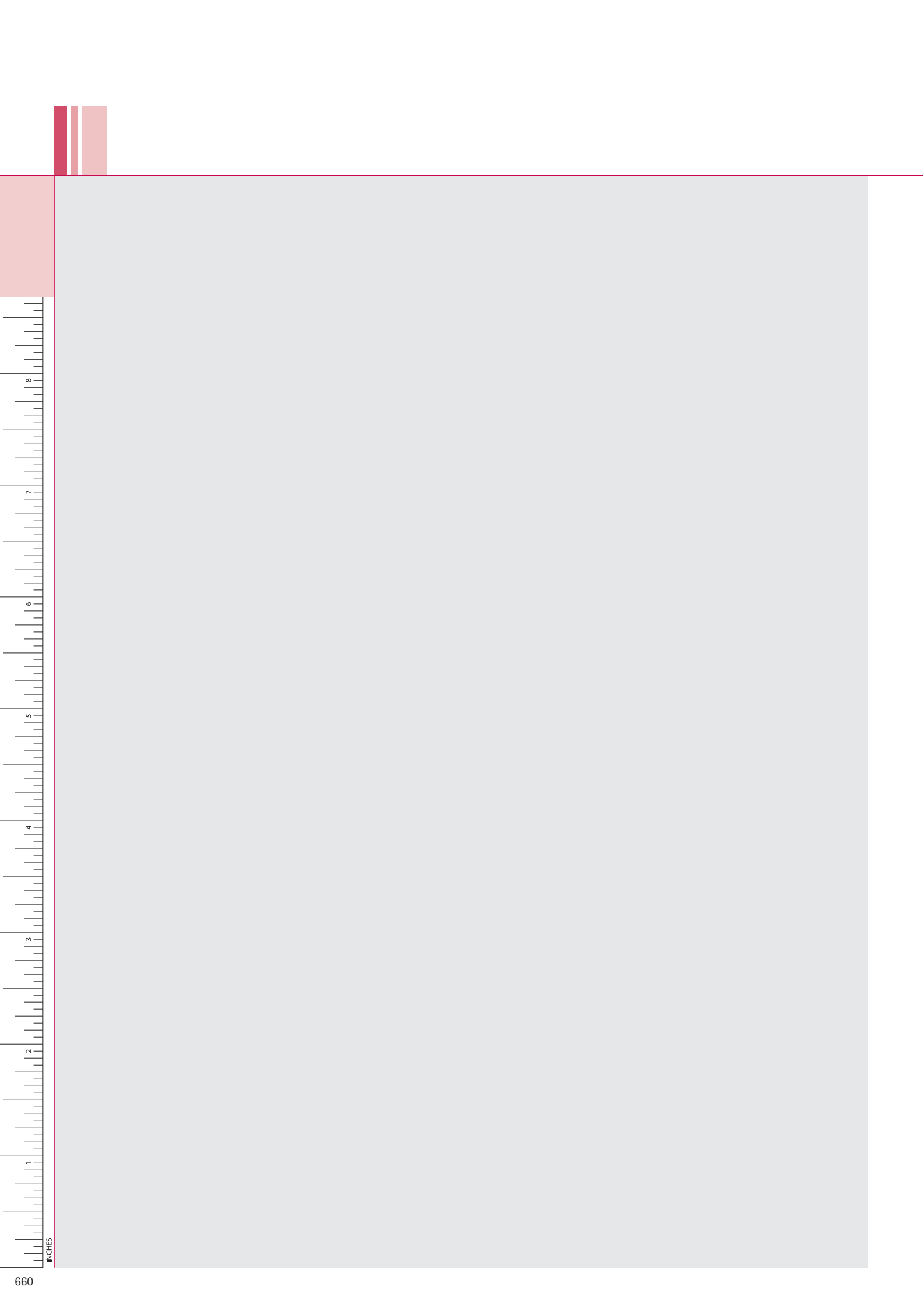
GELPI

BV997R

175 mm, 7"



MILLIMETERS



EM



Uterus-Dilatatoren
Uterine Dilators

Uterus-Dilatatoren – Uterine Dilators

Uterus-Dilatatoren

Uterine Dilators

EM



1/2

EM101R	1 mm	EM114R	14 mm	EM131R	1 1/2 mm	EM144R	14 1/2 mm
EM102R	2 mm	EM115R	15 mm	EM132R	2 1/2 mm	EM145R	15 1/2 mm
EM103R	3 mm	EM116R	16 mm	EM133R	3 1/2 mm	EM146R	16 1/2 mm
EM104R	4 mm	EM117R	17 mm	EM134R	4 1/2 mm	EM147R	17 1/2 mm
EM105R	5 mm	EM118R	18 mm	EM135R	5 1/2 mm		
EM106R	6 mm	EM119R	19 mm	EM136R	6 1/2 mm		
EM107R	7 mm	EM120R	20 mm	EM137R	7 1/2 mm		
EM108R	8 mm	EM121R	21 mm	EM138R	8 1/2 mm		
EM109R	9 mm	EM122R	22 mm	EM139R	9 1/2 mm		
EM110R	10 mm	EM123R	23 mm	EM140R	10 1/2 mm		
EM111R	11 mm	EM124R	24 mm	EM141R	11 1/2 mm		
EM112R	12 mm	EM125R	25 mm	EM142R	12 1/2 mm		
EM113R	13 mm	EM126R	26 mm	EM143R	13 1/2 mm		

HEGAR

EM101R-EM147R

mit stark konischer Spitze

with very conical point

185 mm, 7 1/4"



1/2

EM231R	1 + 2 mm
EM232R	3 + 4 mm
EM233R	5 + 6 mm
EM234R	7 + 8 mm
EM235R	9 + 10 mm
EM236R	11 + 12 mm
EM237R	13 + 14 mm
EM238R	15 + 16 mm
EM239R	17 + 18 mm

HEGAR

EM231R-EM239R

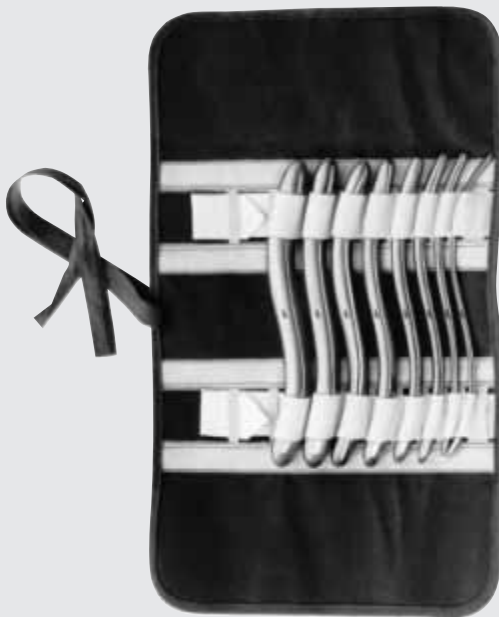
195 mm, 7 3/4"



Uterus-Dilatatoren – Uterine Dilators

Uterus-Dilatatoren
Uterine Dilators

EM



HEGAR

EM244R

Uterus-Dilatatoren,
in Segeltuchtasche (EM245),
mit 8 Dilatoren (EM232R-EM239R)

Uterine dilator set,
in canvas roll (EM245),
with 8 dilators (EM232R-EM239R)



EM271R	13 - 15 Char.
EM272R	17 - 19 Char.
EM273R	21 - 23 Char.
EM274R	25 - 27 Char.
EM275R	29 - 31 Char.
EM276R	33 - 35 Char.
EM277R	37 - 39 Char.
EM278R	41 - 43 Char.

PRATT

EM271R-EM278R

290 mm, 11 1/2"



MILLIMETERS

Uterus-Dilatatoren – Uterine Dilators

Uterus-Dilatatoren – komplette Sätze

Uterine Dilators – Complete Sets



HEGAR

EM193R

Dilatatoren-Satz,
bestehend aus:

EM104R-EM117R	14 Dilatatoren
EM097R	1 Lagerungssieb für Dilatatoren 4-12 mm
EM098R	1 dto. für Dilatatoren 13-17 mm
JG161R	1 Metalletui allein, mit Scharnierdeckel, 200 x 100 x 35 mm, nichtrostend

Dilator set,
consisting of:

EM104R-EM117R	14 Dilators
EM097R	1 Rack for dilators 4-12 mm
EM098R	1 Rack for dilators 13-17 mm
JG161R	1 Metal case only, with hinged lid, 200 x 100 x 35 mm, stainless,



HEGAR

EM194R

Dilatatoren-Satz,
bestehend aus:

EM101R-EM126R	26 Dilatatoren
EM099R	1 Lagerungssieb für Dilatatoren 1-17 mm
EM100R	1 dto. für Dilatatoren 18-26 mm
JG170R	1 Metalletui allein, mit Alu-Scharnierdeckel, 330 x 220 x 80 mm

Dilator set,
consisting of:

EM101R-EM126R	26 Dilators
EM099R	1 Rack for dilators 1-17 mm
EM100R	1 Rack for dilators 18-26 mm
JG170R	1 Metal case only, with hinged lid of aluminium, 330 x 220 x 80 mm



Uterus-Dilatatoren – Uterine Dilators

Sterilgutlagertechnik für Dilatatoren

Suggestions for Sterile Storage of Dilators



Weitere Informationen finden Sie in unserem Prospekt C404.
For further details see brochure No. C404.

Gleitschieber-Halterung

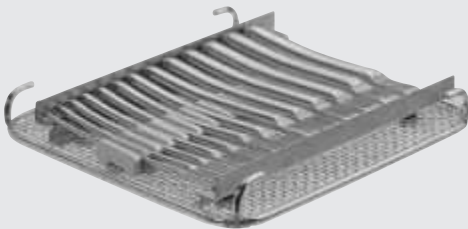
■ zur übersichtlichen und zweckmäßigen Lagerung von Dilatatoren, Bougies, Kathetern und dergleichen.
■ Schiene und Anschlagrahmen können beliebig in den Siebkörben oder auf den Siebböden angeordnet werden. Die Gleitschieber sind auf der Schiene verschiebbar und werden durch einen Federmechanismus arretiert. Auf Wunsch können die Gleitschieber mit Kennzeichnungen versehen werden.

Sliding rail

■ with adjustable dividers for clear and suitable storage of dilators, bougies, catheters and suchlike.
■ Sliding rail as well as limiting bar can be optionally arranged in the wire baskets or on the wire bases. On the rail the dividers are slidable and are fixed by a spring mechanism. On demand, the dividers can be marked with identifications.

Pack- und Lagerungsbeispiele

Examples for arranging and storing



JF910R-JF908R

Uterus-Dilatatoren (ca. 12-16 Stück)

JF910R 1 Siebboden oder
JF489R 1 Siebkorb
JF906R 1 Schiene
JF905 15 Gleitschieber
JF908R 2 Anschlagrahmen

Uterine dilators (approx. 12-16 pieces)

JF910R 1 wire base or
JF489R 1 wire basket
JF906R 1 sliding rail
JF905 15 dividers
JF908R 2 limiting bars



JF212R-JF909R

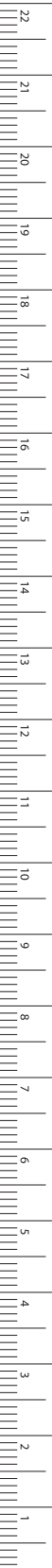
Uterus-Dilatatoren (ca. 26-30 Stück)

JF212R 1 Siebkorb oder
JF915R 1 Siebboden
JF907R 1 Schiene
JF905 31 Gleitschieber
JF909R 2 Anschlagrahmen

Uterine dilators (approx. 26-30 pieces)

JF212R 1 wire basket or
JF915R 1 wire base
JF907R 1 sliding rail
JF905 31 dividers
JF909R 2 limiting bars

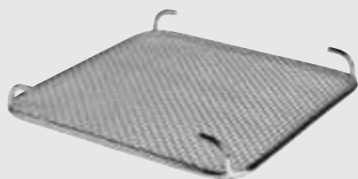
EM



Uterus-Dilatatoren – Uterine Dilators

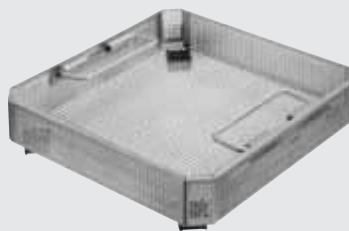
Steritgutlagertechnik für Dilatatoren

Suggestions for Sterile Storage of Dilators



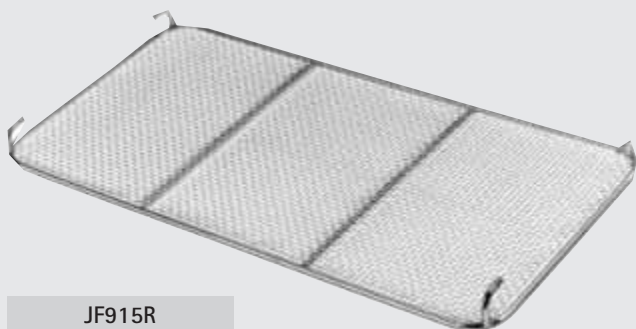
JF910R

Siebboden
mit Griffen zum herausheben
Wire base
with handle hooks to lift out
258 x 258 x 32 mm



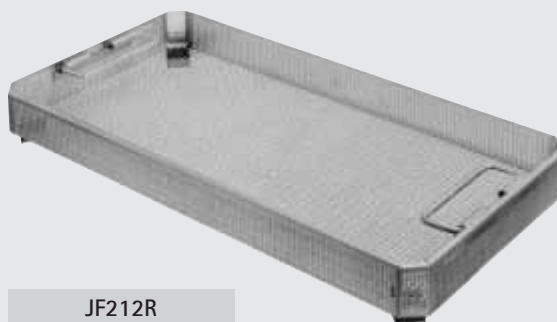
JF112R

Siebkorb
Griffbeweglichkeit 90°,
senkrecht – waagrecht
Wire basket
handles can be moved up to 90° angle,
vertical – horizontal
257 x 245 x 50 mm



JF915R

Siebboden
mit Griffen zum herausheben
Wire base
with handle hooks to lift out
544 x 257 x 32 mm



JF212R

Siebkorb
Griffbeweglichkeit 90°,
senkrecht – waagrecht
Wire basket
handles can be moved up to 90° angle,
vertical – horizontal
485 x 257 x 50 mm



JF905

Gleitschieber
auf den Schienen JF906R und
JF907R individuell verschiebbar
Divider
to be used on sliding rails
JF906R and JF907R



Länge
Length

JF906R	232 mm
JF907R	471 mm

Schiene DBGM
für Gleitschieber JF905,
mit Befestigungsschrauben
Sliding rails DBGM
with securing screws,
for divider JF905



Länge
Length

JF908R	232 mm
JF909R	471 mm

Anschlagrahmen DBGM
speziell zur Lagerung von Dilatatoren,
mit Befestigungsschrauben
Limiting bars DBGM
with securing screws,
particularly useful for storing dilators



Uterus-Dilatatoren – Uterine Dilators

Endospekula für Cervix und Harnröhre
Endospecula for Cervix and Urethra

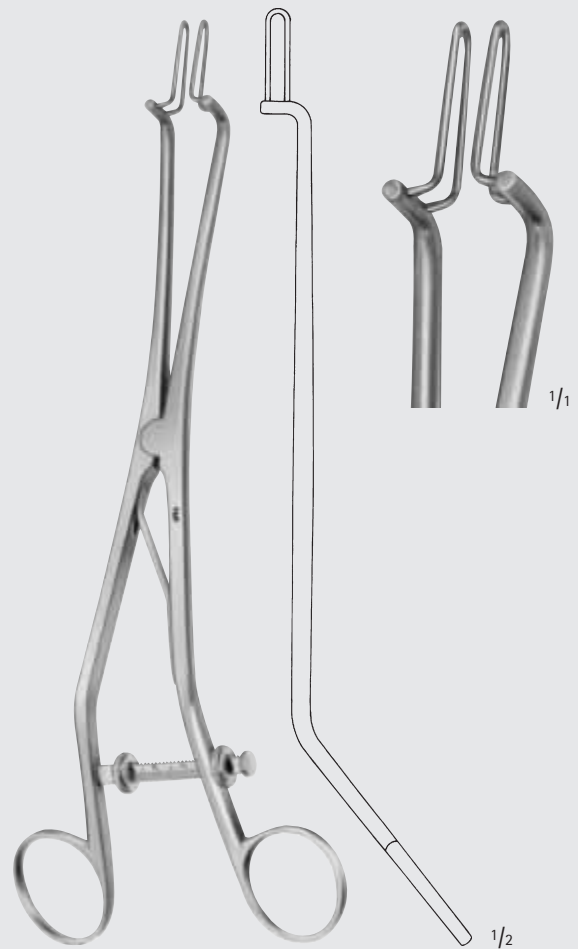
EM



KOGAN

EM710R

ohne Sperre
without ratchet
240 mm, 9 1/2"



KOGAN

EM711R

mit Skalensperre und
Fixierschraube
with scale-ratchet and
fixing screw
240 mm, 9 1/2"



MILLIMETERS



EO



Uterussonden, Tampon-, Haken-,
Uterusfazzangen
Uterine Probes, Uterine Dressing-,
Tenaculum and Uterine Elevating Forceps

Uterussonden – Uterine Probes

Uterussonden

Uterine Probes

EO

Knopf-Ø 5 mm
Diam. of tip



MAYO

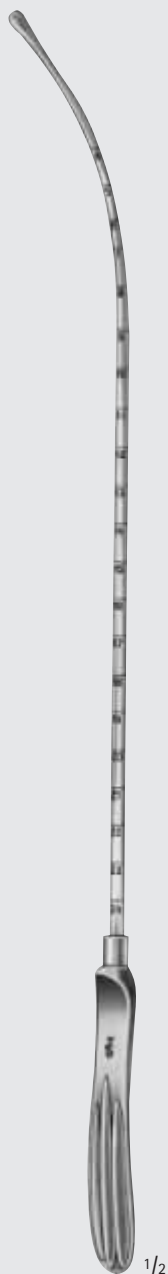
EO005R

biegsam

malleable

330 mm, 13 1/8"

Knopf-Ø 4 mm
Diam. of tip



SIMS

EO010R

330 mm, 13"

EO012R

biegsam

malleable

330 mm, 13"

Knopf-Ø 3,6 mm
Diam. of tip



GALABINS

EO013R

Schaft graduert in cm,
biegsam

Shaft graduated in cm,
malleable

295 mm, 11 3/4"

Knopf-Ø 3 mm
Diam. of tip



MARTIN

EO015R

300 mm, 12"



Uterussonden – Uterine Probes

Uterussonden, Uterus-Depressor
Uterine Probes, Uterine Depressor

EO

Knopf-Ø 4 mm
Diam. of tip



1/2

VALLEIX

EO016R

graduiert,
mit Schieber
graduated,
with slider
250 mm, 10"

Knopf-Ø 4 mm
Diam. of tip



1/2

SIMPSON

EO020

biegsam,
versilbert
malleable,
silver-plated
310 mm, 12 1/4"



24 mm

28 mm

1/2

BRAUN

EO030R

Uterus-Depressor
Uterine depressor
270 mm, 10 3/4"



MILLIMETERS

Uterussonden – Uterine Probes

Tamponzangen

Uterine Dressing Forceps

EO



PELKMANN

EO060R-EO061R

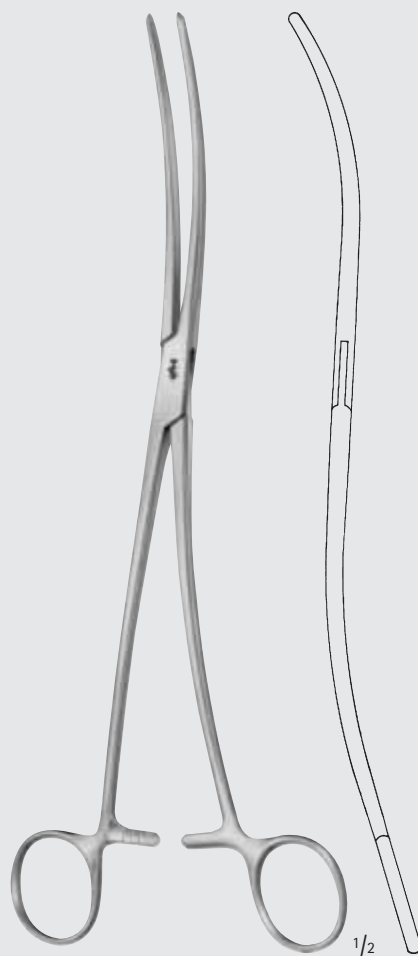
260 mm, 10 1/4"

EO060R

gerade
straight

EO061R

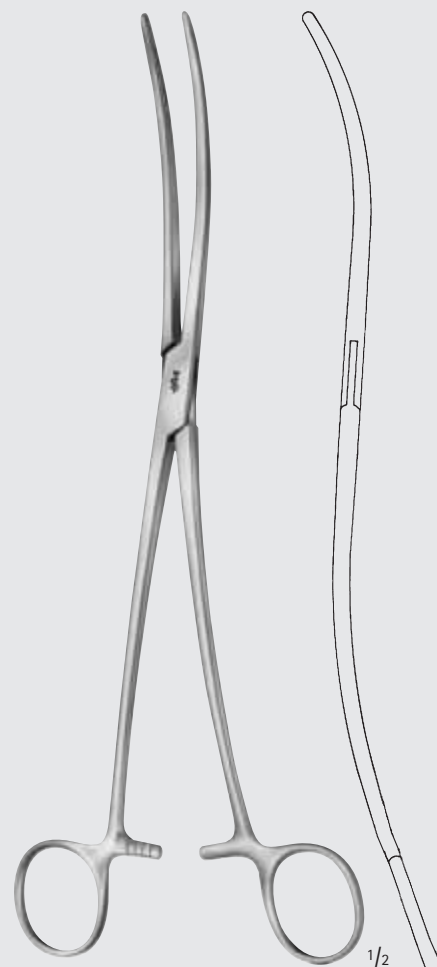
gebogen
curved



BOZEMANN

EO075R

250 mm, 10"



BOZEMANN

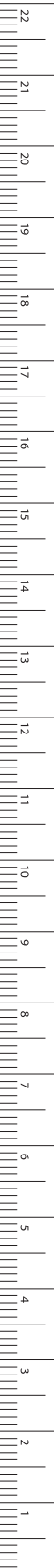
EO077R

Maul mit Längskehle
Jaws with longitudinal groove
255 mm, 10"

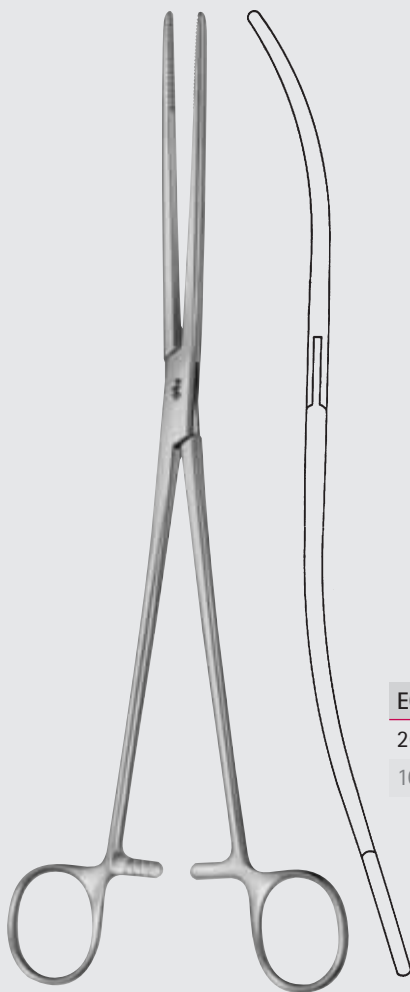


Uterussonden – Uterine Probes Tamponzangen Uterine Dressing Forceps

EO

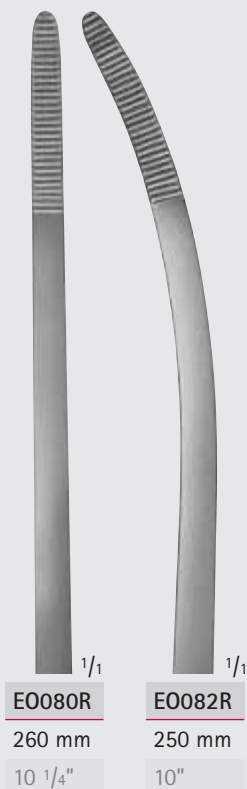


MILLIMETERS



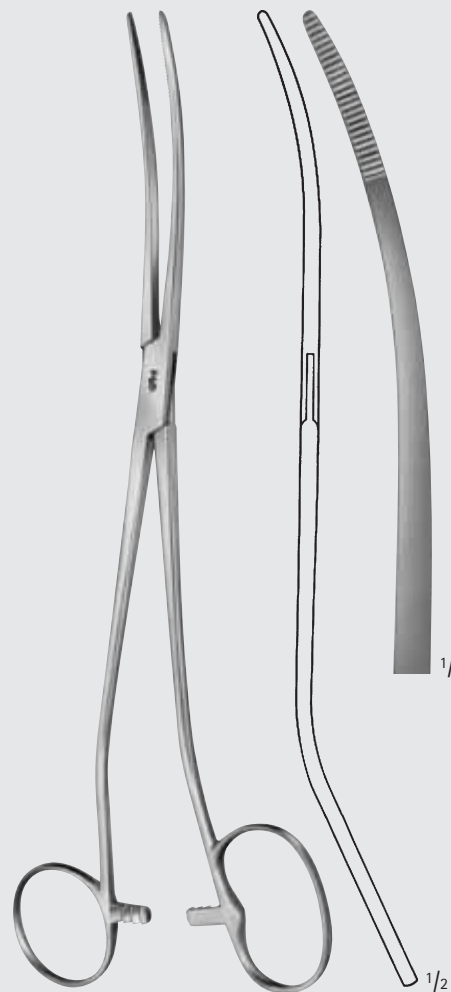
BOZEMANN

EO080R-EO082R



EO080R
260 mm
10 1/4"

EO082R
250 mm
10"



BOZEMANN-DOUGLAS

EO085R

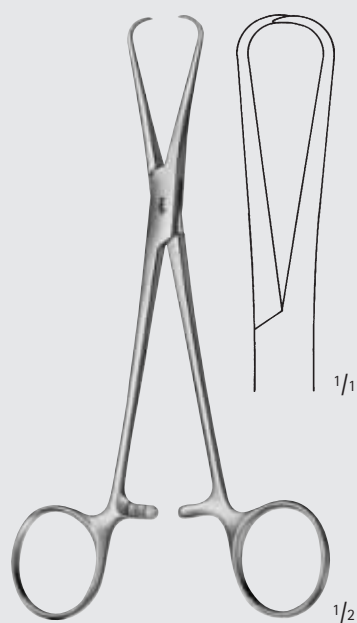
260 mm, 10 1/4"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

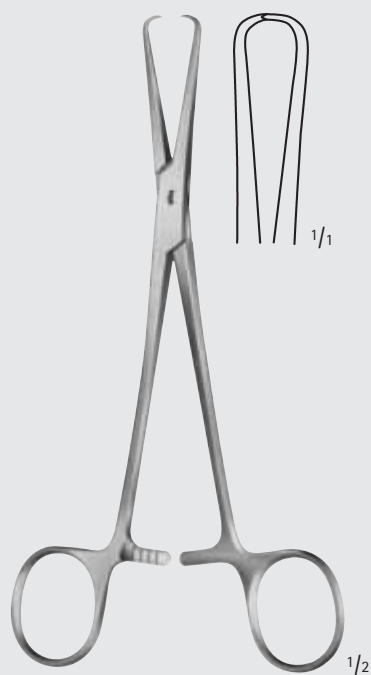
EO



BERNHARD

BF426R

160 mm, 6 1/4"



POZZI

E0105R

175 mm, 7"



ADAIR

E0106R

190 mm, 7 1/2"

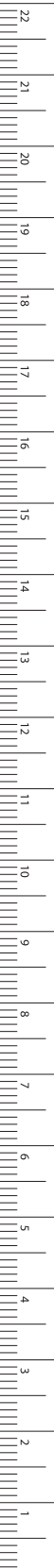


Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

EO



MILLIMETERS



BRAUN

EO108R

feines Modell
slender pattern
250 mm, 10"



COLLIN-POZZI

EO122R

250 mm, 10"



SCHRÖDER

EO110R

Standard Modell
Standard pattern
250 mm, 10"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

EO



SCHRÖDER

EO111R

250 mm, 10"



WILSON

EO112R

240 mm, 9 1/2"



POZZI

EO125R

kräftiges Modell
heavy pattern
255 mm, 10"



Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

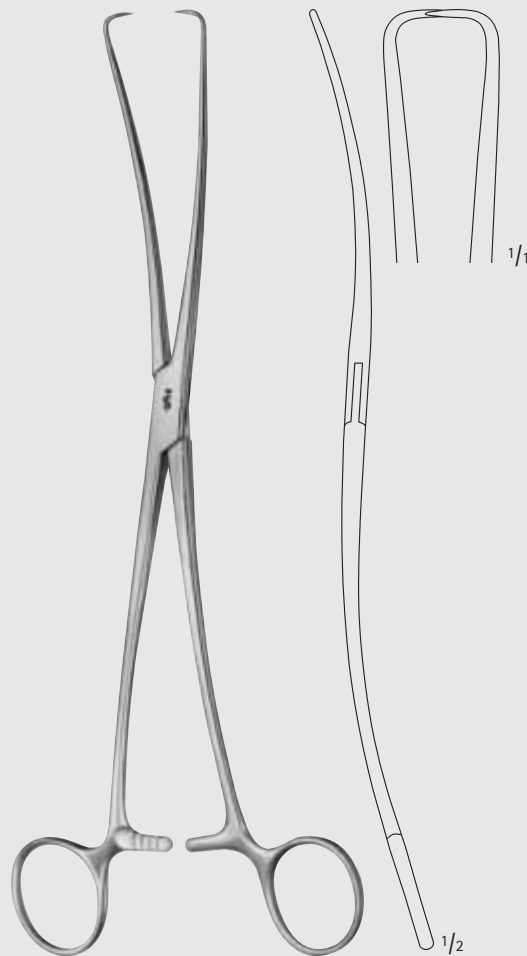
EO



MARTIN

EO115R

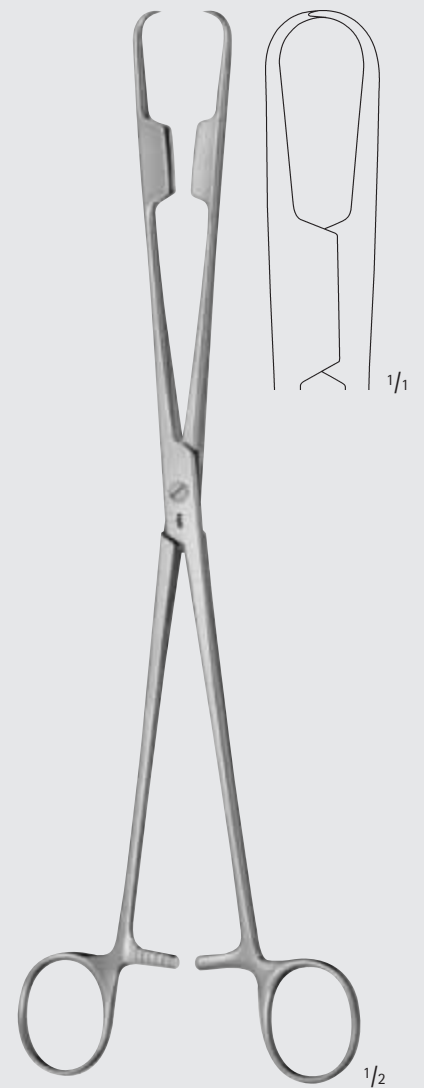
265 mm, 10 1/2"



DUPLAY

EO130R

250 mm, 10"



ABEL

EO140R

280 mm, 11"

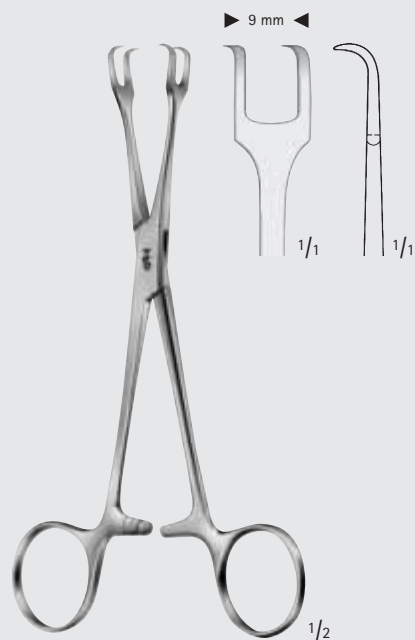


MILLIMETERS

Uterussonden – Uterine Probes

Hakenzangen

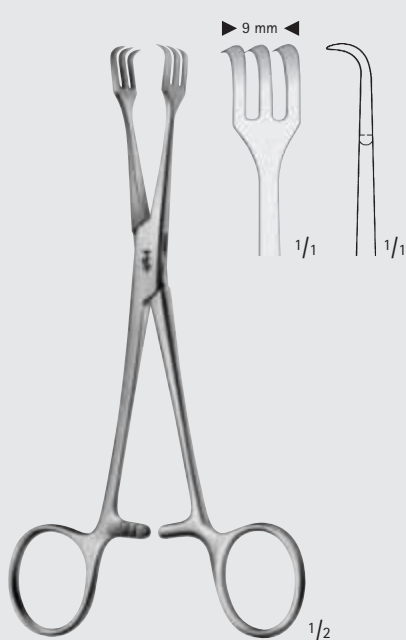
Uterine Tenaculum Forceps



LAHEY

BF309R

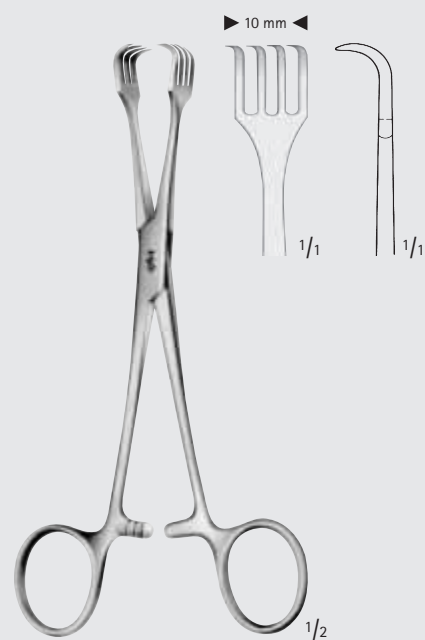
155 mm, 6"



LAHEY

BF310R

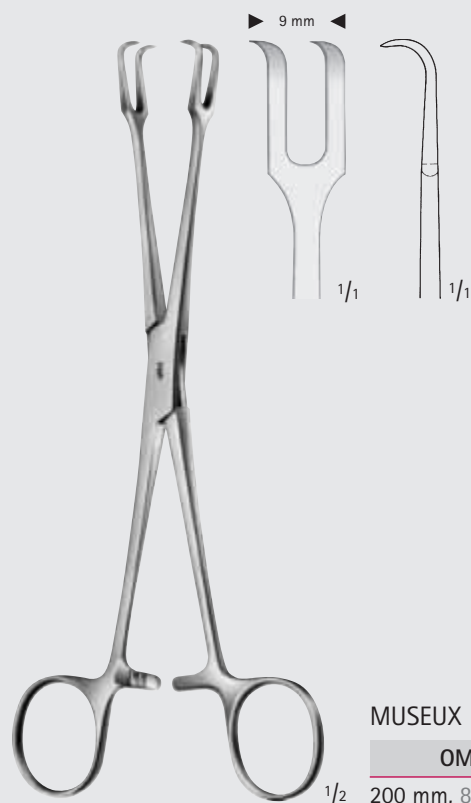
155 mm, 6"



BRAUN

BF311R

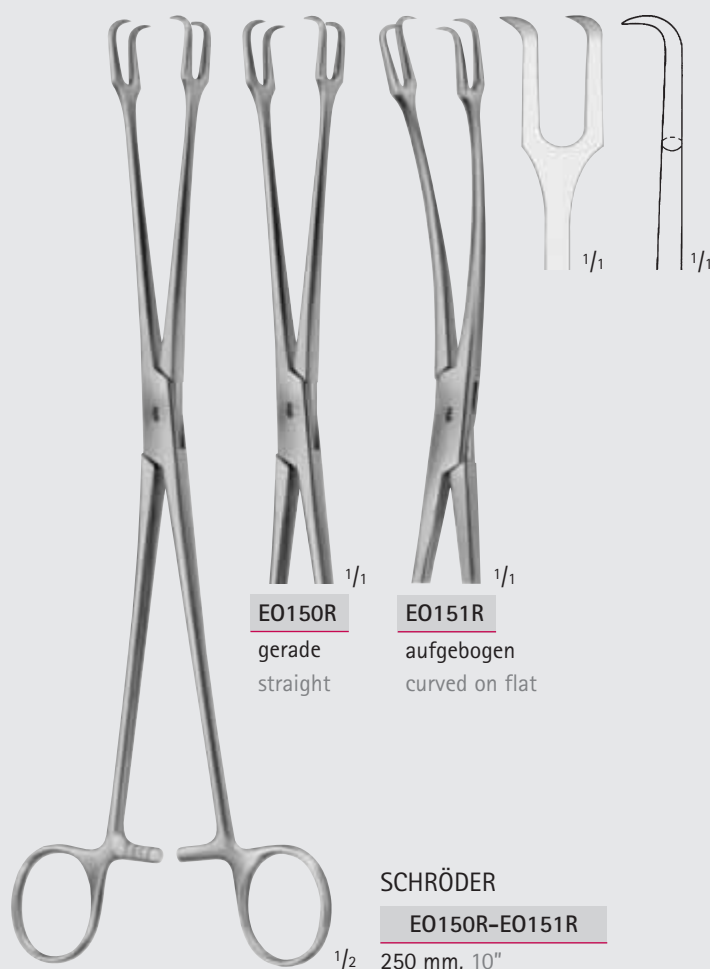
155 mm, 6"



MUSEUX

OM602R

200 mm, 8"



E0150R

gerade
straight

E0151R

aufgebogen
curved on flat

SCHRÖDER

E0150R-E0151R

250 mm, 10"



Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

EO



CZERNY

EO164R

200 mm, 8"



SCHRÖDER

EO163R

270 mm, 10 ³/₄"



Uterussonden – Uterine Probes Hakenzangen Uterine Tenaculum Forceps

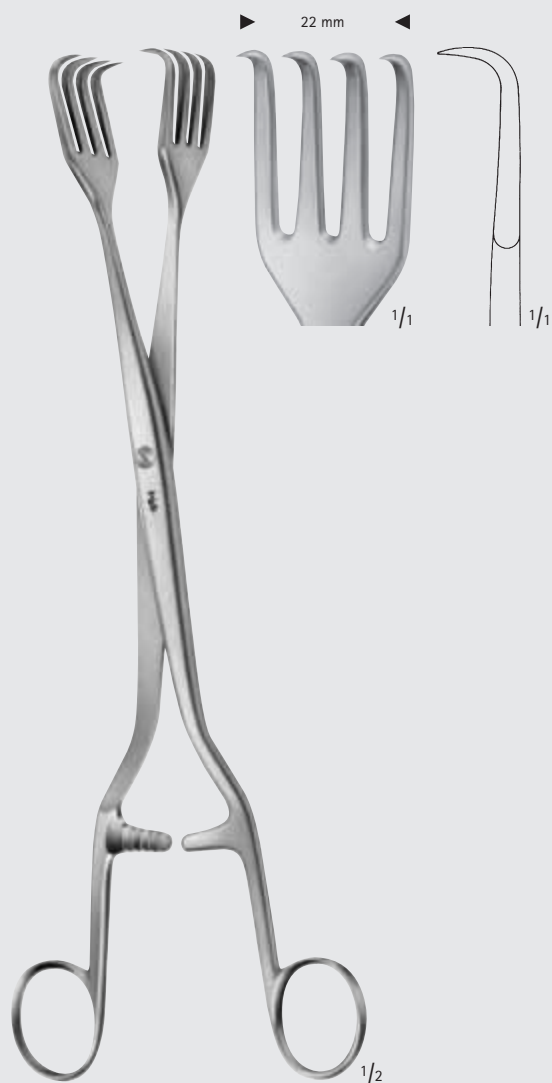
EO



AESCULAP-PRATT

EO165R

260 mm, 10 1/4"



PRATT

EO166R

270 mm, 10 3/4"

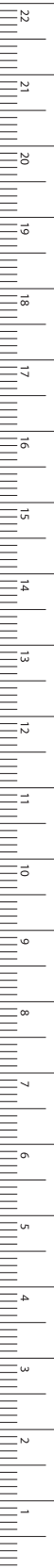


Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

EO



MILLIMETERS



KÜSTNER

E0171R

250 mm, 10"



TEALE

E0177R

180 mm, 7"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

E0



TEALE

E0180R

255 mm, 9"



JACOBS

E0202R

215 mm, 8 1/2"



Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

EO



LITTLEWOOD

E0216R

185 mm, 7 1/4"



MUSEUX

E0218R

200 mm, 8"

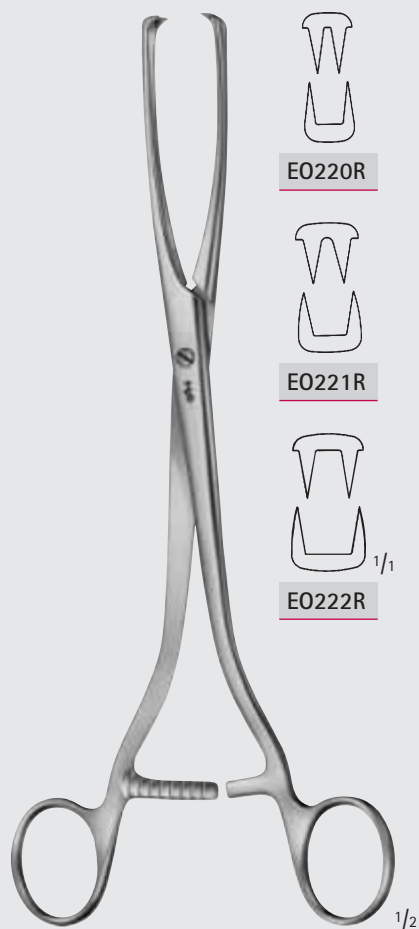


Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

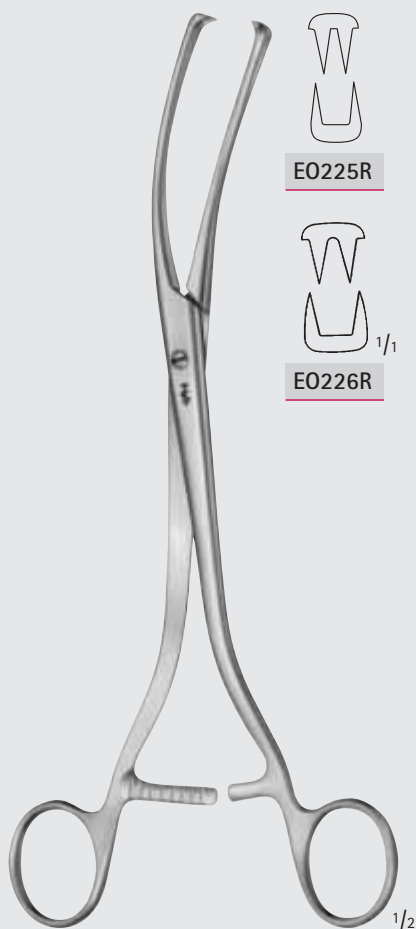
EO



MUSEUX

E0220R-E0222R

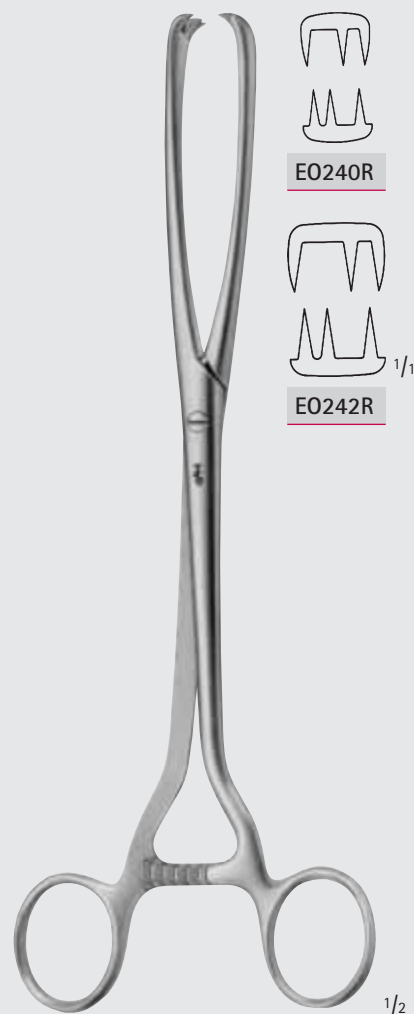
240 mm, 9 1/2"



MUSEUX

E0225R-E0226R

seitwärts gebogen
curved to side
240 mm, 9 1/2"



MUSEUX

E0240R-E0242R

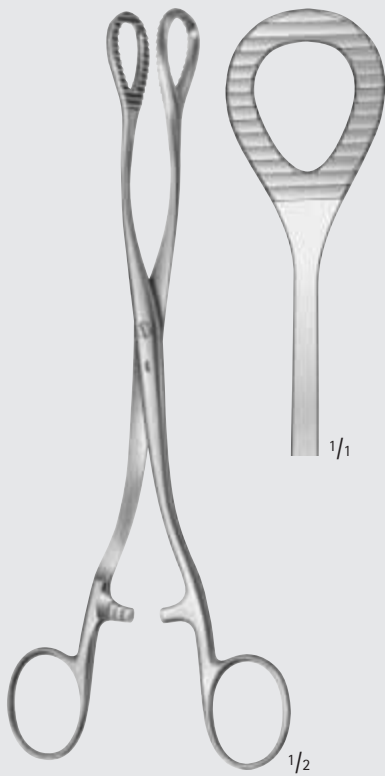
265 mm, 10 1/2"



Uterussonden – Uterine Probes

Polypen- und Ovarienzangen
Polypus- and Ovum Forceps

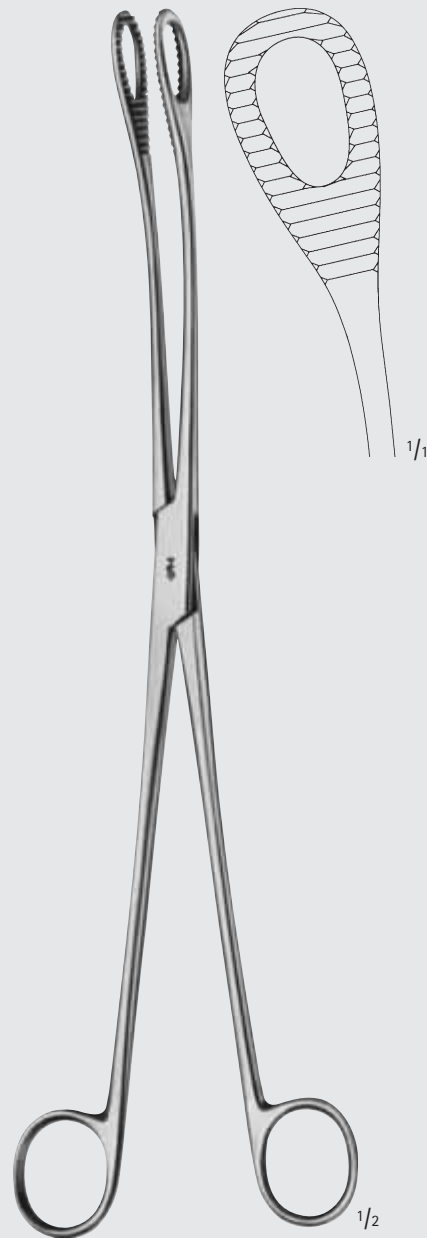
EO



HEYWOOD-SMITH

AN710R

200 mm, 8"



KELLY

BF135R

320 mm, 12 3/4"

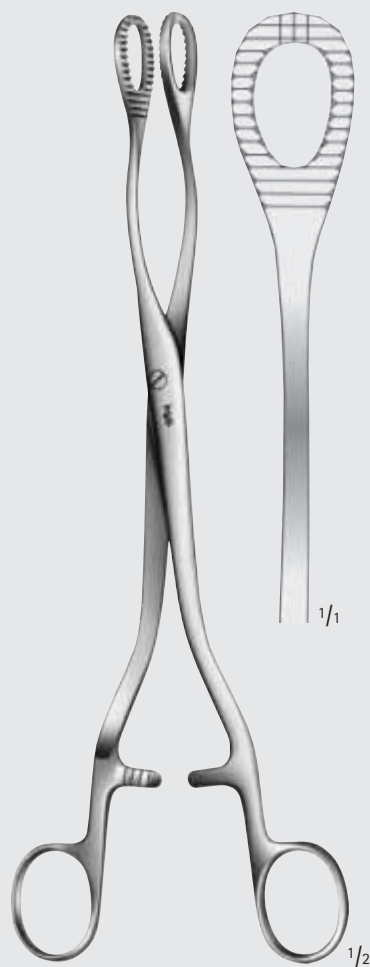


Uterussonden – Uterine Probes

Polypen- und Ovarienzangen

Polypus- and Ovum Forceps

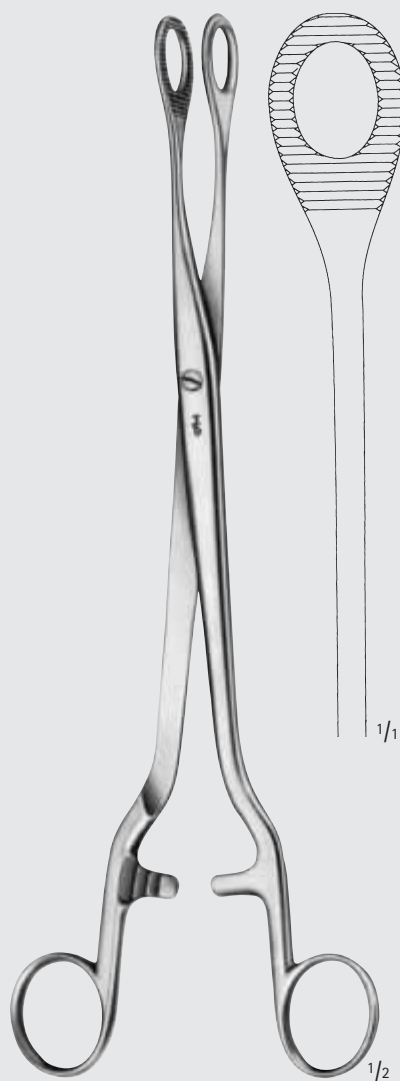
EO



HEYWOOD-SMITH

E0310R

250 mm, 10"



NOTO

E0315R

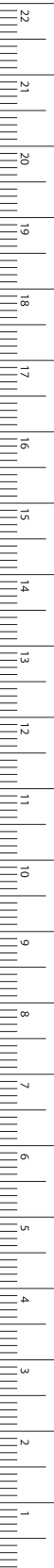
280 mm, 11"



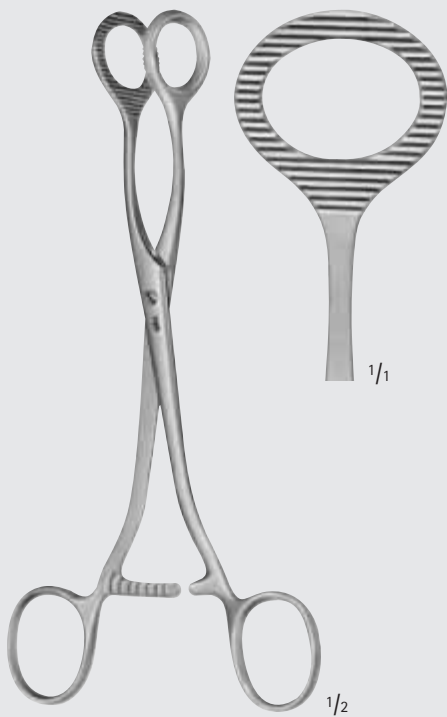
Uterussonden – Uterine Probes

Polypen- und Ovarienzangen
Polypus- and Ovum Forceps

EO



MILLIMETERS



DOYEN

EO332R

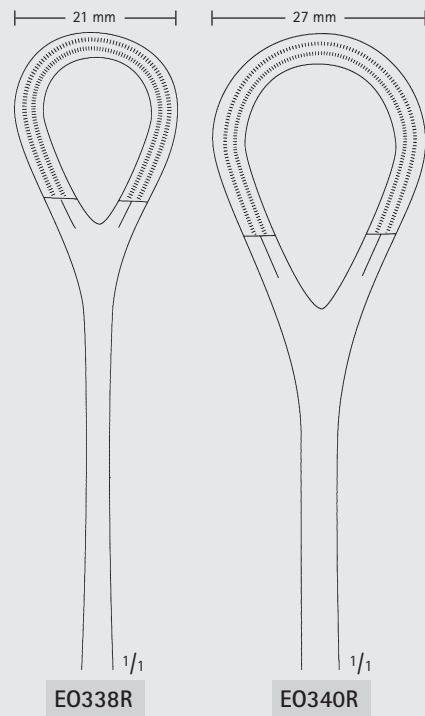
185 mm, 7 1/4"

AIRAUMATA®



EO338R 250 mm 10"

EO340R 270 mm 10 3/4"



EO338R

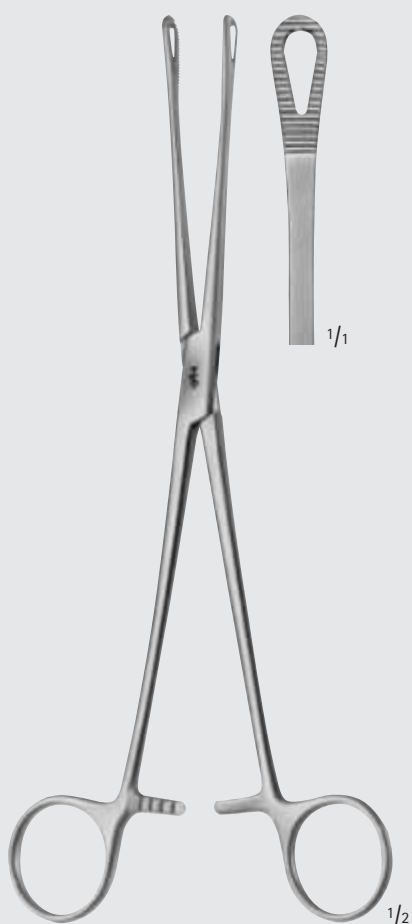
EO340R

Uterussonden – Uterine Probes

Polypen- und Ovarienzangen, Uterusfazzangen

Polypus- and Ovum Forceps, Uterine Elevating Forceps

EO



BONNEY

E0342R

240 mm, 9 1/2"



COLLIN

E0300R

250 mm, 10"



COLLIN

E0405R

285 mm, 11 1/4"



Uterussonden – Uterine Probes

Uterusfazzangen

Uterine Elevating Forceps



DARTIGUES

E0407R

255 mm, 10"



SOMER

E0415R

235 mm, 9 1/4"

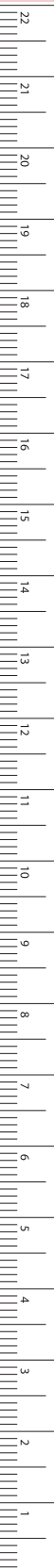


COLLIN

E0420R

265 mm, 10 1/2"

EO



Uterussonden – Uterine Probes
Myomheber
Myoma Screws

EO



DOYEN

EO433R

150 mm, 6"



DOYEN

EO435R

190 mm, 7 1/2"



Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation

Modified Instruments for Radical Hysterectomy

Die Austunnung des blasennahen Ureters und das Absetzen der Parametrien sind die charakteristischen Bestandteile bei der Wertheimschen Operation. Für das Austunnen des Ureters gibt es verschiedene Vorgehensweisen. Das Risiko der Ureter-Verletzung, das allen diesen Vorgehensweisen gemeinsam ist, ist bedingt durch das wiederholte Anklebmen, Spreizen und Durchtrennen von Gewebe in unmittelbarer Nähe des Ureters ohne direkte visuelle Kontrolle. Die Durchtrennung der Parametrien ist ein weiterer kritischer Operationsschritt. Das Durchtrennen der Gewebsbündel ist oft technisch unbefriedigend und hinterläßt gezahnte Resektionsränder. Aesculap hat daher ein Instrumentarium entwickelt, das die oben genannten operativen Schritte sicherer und präziser macht. Das Instrumentarium ermöglicht es dem Chirurgen, den Eingriff sicherer und präziser durchzuführen und daraus folgt ein schonender OP-Verlauf für die Patientin. Das bislang bestehende Risiko von ungewollten Verletzungen bei dieser Radikaloperation beim Zervixkarzinom wird durch das Design der von Aesculap entwickelten Instrumente minimiert.

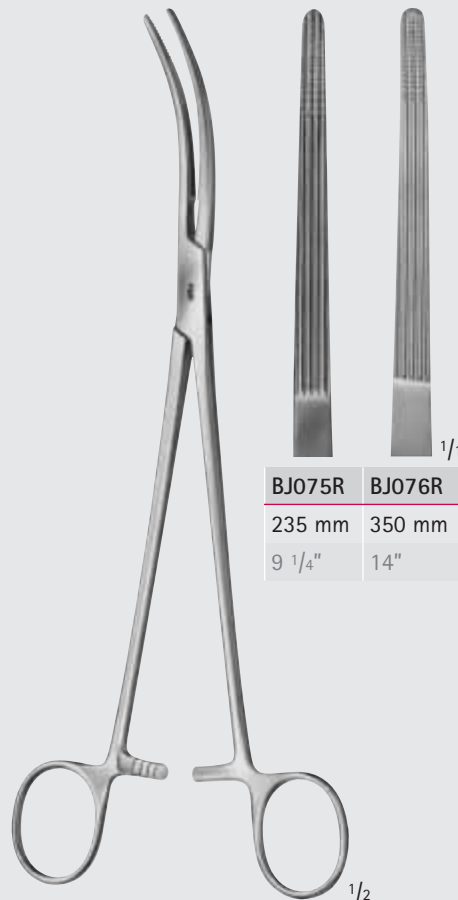
Tunneling of the ureter and severance of the parametria are the characteristic components of the Wertheim operation. There are various procedures for tunnelling the ureter. The risk of injury to the ureter, which is common to all these procedures, is due to the repeated clamping, separation and severance of tissues in the immediate proximity of the ureter without direct visual monitoring. The severance of the parametria is another critical step in the operation. The severance of the tissue bundles is often technically unsatisfactory and leaves serrated resection edges. Aesculap has therefore developed an instrument set which makes the operating steps mentioned safer and more precise. The instrument set enables the surgeon to carry out the operation more safely and precisely, resulting in a less traumatic operation for the patient. The existing risk of undesired injuries in this radical operation for carcinoma of the cervix is minimized by the design of the instruments developed by Aesculap.



UCHIDA (MODIF. N. BURKE)

BM976R	270 mm	10 $\frac{3}{4}$ "
BM977R	350 mm	14"

Ureterlöffel
Spoons

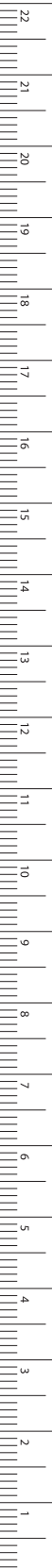


KIEBACK

BJO75R-BJO76R

Ureter-Tunnelier-Klemmen,
seitwärts gebogen
Ureteral tunnel clamps,
curved to side

EO

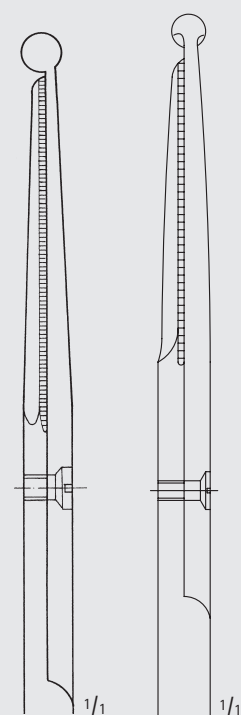
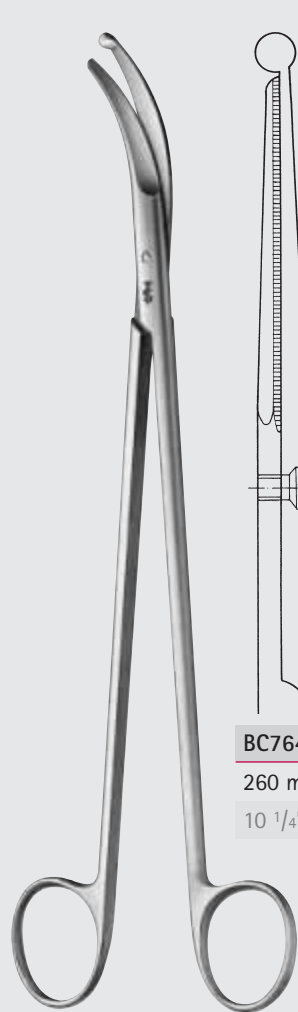


MILLIMETERS

Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation

Modified Instruments for Radical Hysterectomy



BC764R

260 mm

10 1/4"

BC766R

350 mm

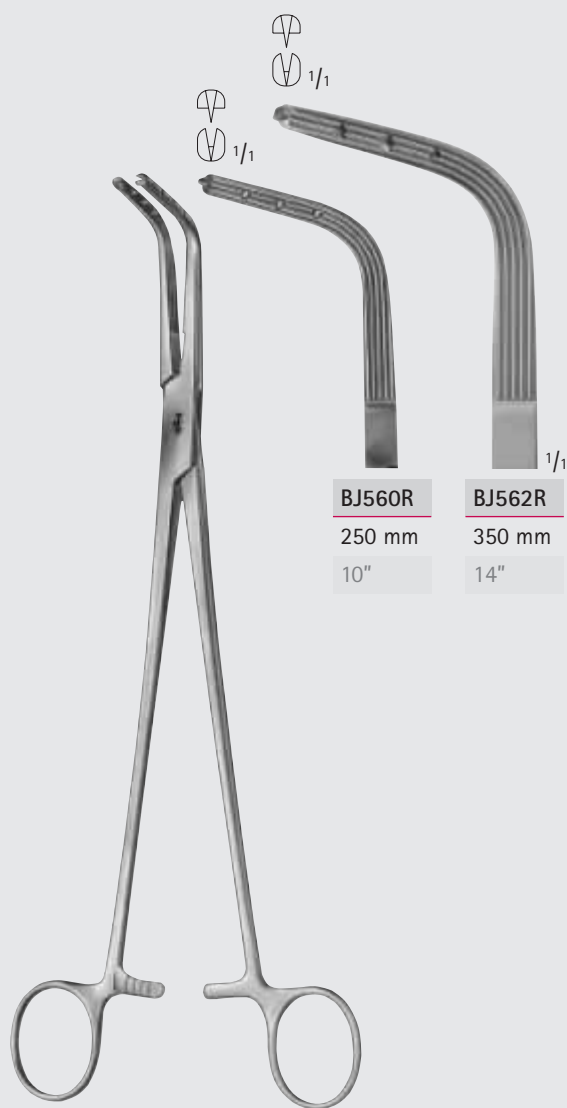
14"

KIEBACK

BC764R-BC766R

Parametriumscheren, seitwärts gebogen, 1 Blatt mit Knopfspitze

Parametrium scissors, curved to side, with 1 probe pointed blade



BJ560R

250 mm

10"

BJ562R

350 mm

14"

BURKE

BJ560R-BJ562R

Parametriumklemmen, kurzes Maul

Parametrium clamps, short jaw part

EO

INCHES



Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation
Modified Instruments for Radical Hysterectomy

EO



BURKE

BJ561R-BJ563R

Parametriumklemmen, langes Maul
Parametrium clamps, long jaw part



KIEBACK

BC763R-BC765R

Parametriumscheren
Parametrium scissors



MILLIMETERS





ER



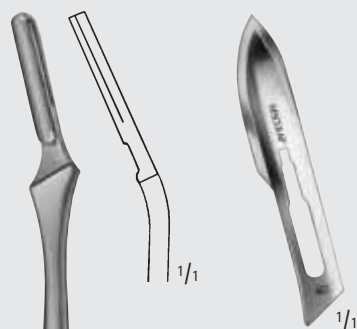
Biopsie- und Kürettage-Instrumente
Biopsy Instruments and Curettes

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Skalpellgriffe und Skalpellklingen

Scalpel Handles and Scalpel Blades

ER



BB540

auswechselbare Skalpellklingen,
doppelschneidig

interchangeable scalpel
blades, double cutting

Bestelleinheit:

PAK= Packung à 100 Stück

Sales unit:

PAK= Package of 100 pieces

BB079R

Skalpellgriff, winklig aufgebogen

Scalpel handle, angular curved

1/1 225 mm, 9"

INCHES



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Currettes

Biopsieküretten, I.U.D.-Entfernungshaken
Biopsy Currettes, I.U.D. Removing Hook

ER



SAUNDERS

ER002R

I.U.D.-Entfernungshaken

I.U.D. Removing hook

320 mm, 12 1/2"

biegsam
malleable



ASCH

ER005R

Sekretlöffel

Secretion scoop

200 mm, 8"



MILLIMETERS

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsieküretten

Biopsy Curettes

ER



Luer-Lock
Luer-Lock

1/2

NOVAK-SCHOECKAERT

ER011R

Endometrium-Biopsiekürette

Endometrial biopsy curette

240 mm, 9 1/2"



Luer-Lock
Luer-Lock

1/2

RANDALL

ER012R

Endometrium-Biopsiekürette

Endometrial biopsy curette

240 mm, 9 1/2"



1/1
Ø 3,5 mm
diam. 3.5 mm

1/2

MOD. BERLIN

ER015R

Endometrium-Strichkürette

Endometrial biopsy curette

270 mm, 10 3/4"



1/1
Ø 4,0 mm
diam. 4.0 mm

1/2

MOD. MÜNCHEN

ER016R

Endometrium-Strichkürette

Endometrial biopsy curette

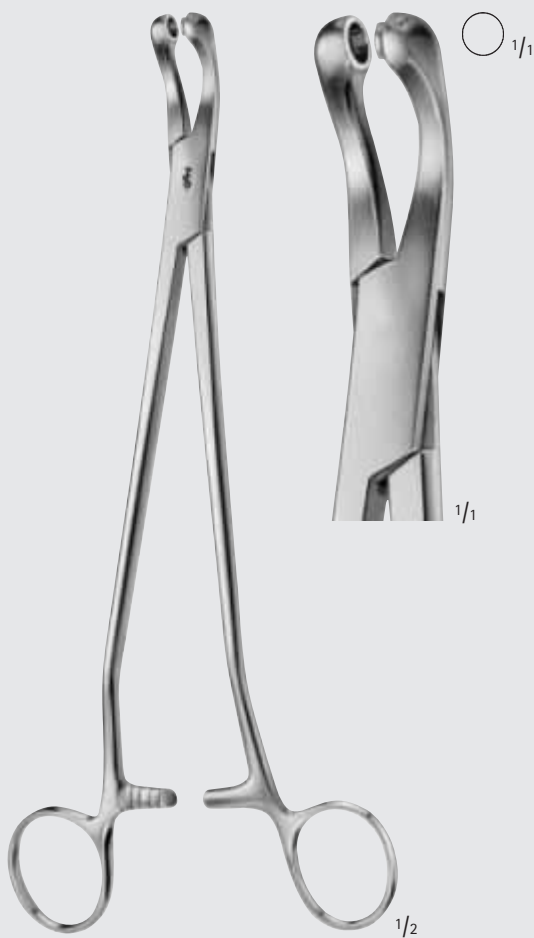
270 mm, 10 3/4"



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen
Biopsy Forceps

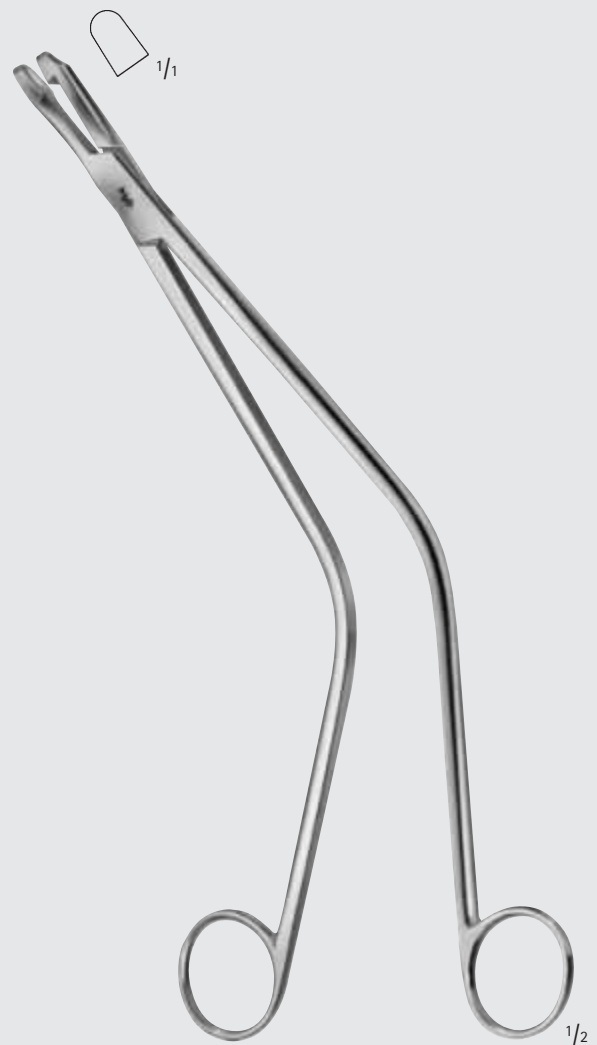
ER



THOMS-GAYLOR

ER050R

240 mm, 9 1/2"



SCHUBERT

ER058R

260 mm, 10 1/4"



MILLIMETERS

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen

Biopsy Forceps

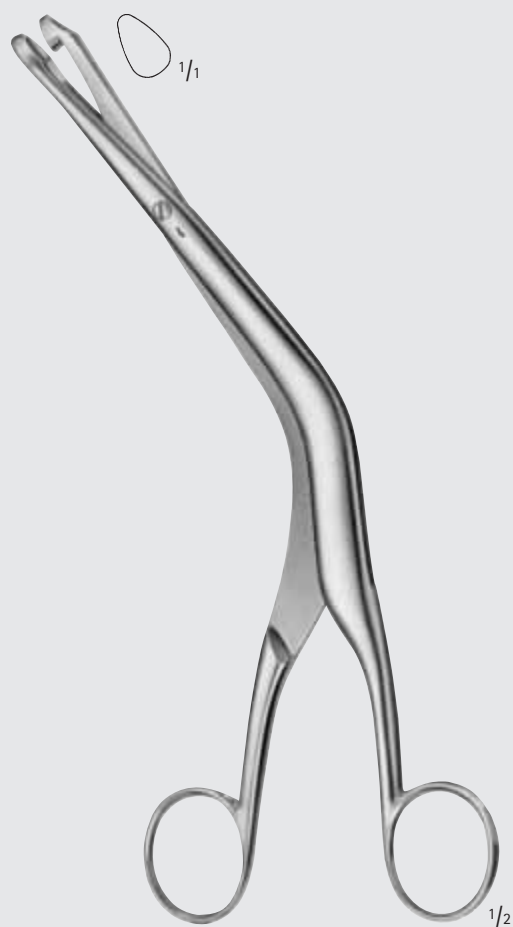
ER



FAURE

ER054R

210 mm, 8 1/4"



FAURE

ER055R

240 mm, 9 1/2"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

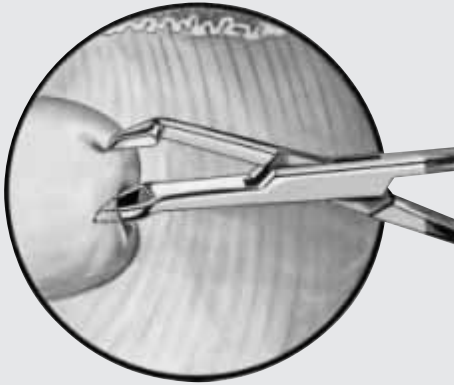
Biopsiezangen Biopsy Forceps

Vorteile der SCHUMACHER-Zangen:

- Sicheres Erfassen des Gewebes aufgrund des Anhakeeffekts.
- Großer Öffnungswinkel.
- Glatter, ziehender Schnitt.
- Proben werden nicht gequetscht.
- Nicht schmerzhaft, selbstschließende Wunde, gute Heilung.

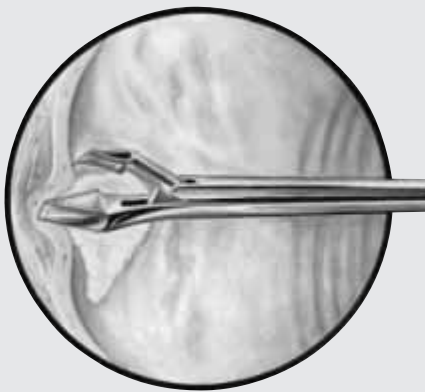
Advantages of the Schumacher forceps:

- More reliable grip on the tissue due to "hooking" effect.
- Wide angle of opening.
- Smooth, steady cut.
- Specimens are not squashed.
- Not painful; self-sealing wound, heals well.



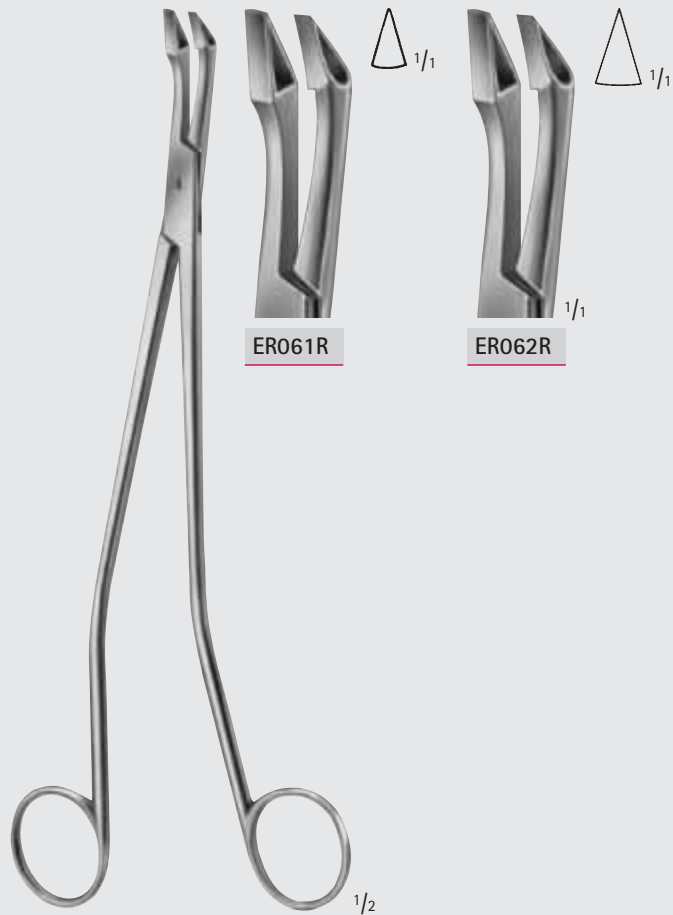
Zange an der Portio vaginalis uteri angesetzt.
Der gute Anhakeeffekt ist erkennbar.

Forceps applied to the portio vaginalis uteri.
The excellent hooking effect can be seen.



Zange am narbig veränderten flachen
Scheidengewölbe angesetzt.

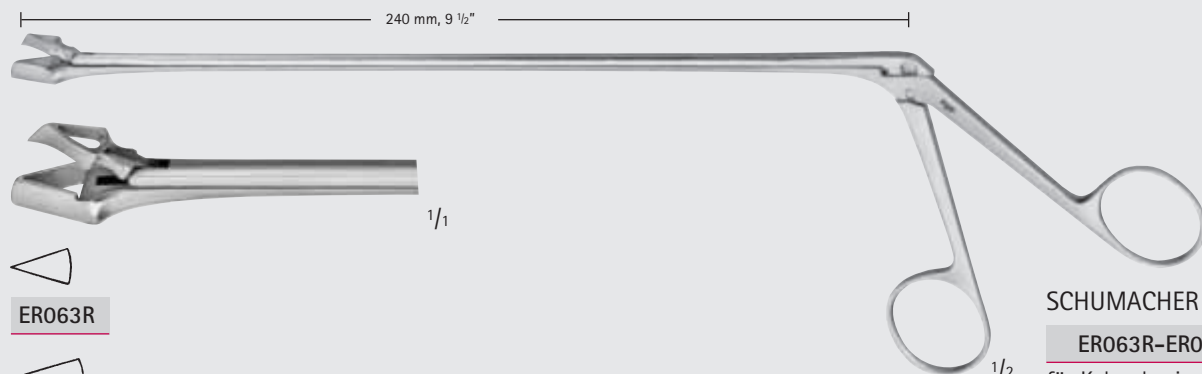
Forceps applied to cicatricially altered flat
vaginal vault.



SCHUMACHER

ER061R-ER062R

240 mm, 9 1/2"



SCHUMACHER

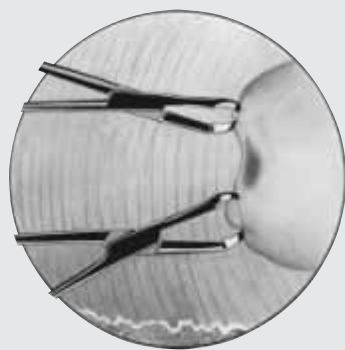
ER063R-ER064R

für Kolposkopie geeignet
suitable for colposcopy
240 mm, 9 1/2"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Currettes

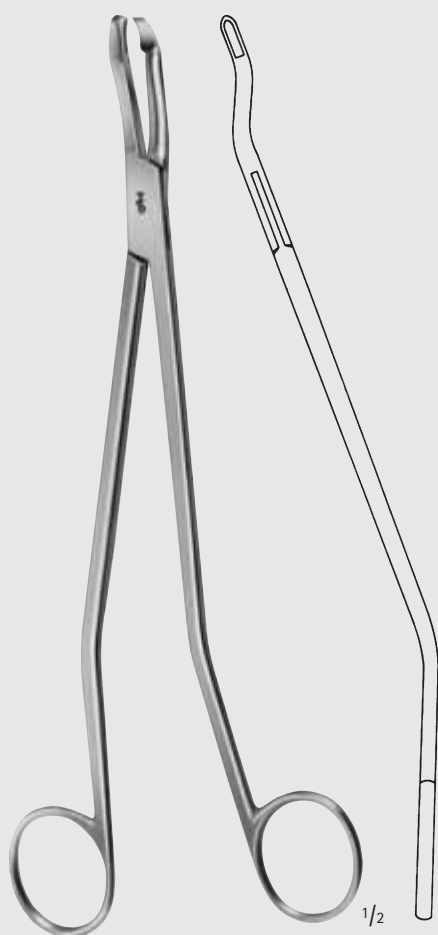
Biopsiezangen

Biopsy Forceps



Die Größe des PE-Stücks wird durch den Öffnungswinkel der Zange bestimmt. Der Anhakeeffekt des gebogenen Zangenmaules ermöglicht eine Gewebeentnahme meist ohne zusätzliche Verwendung einer fixierenden Hakenzange.

The size of the biopsy is determined by the opening angle of the forceps. The hook effect of the curved jaws allows tissue removal and an additional hook forceps is hardly ever necessary.



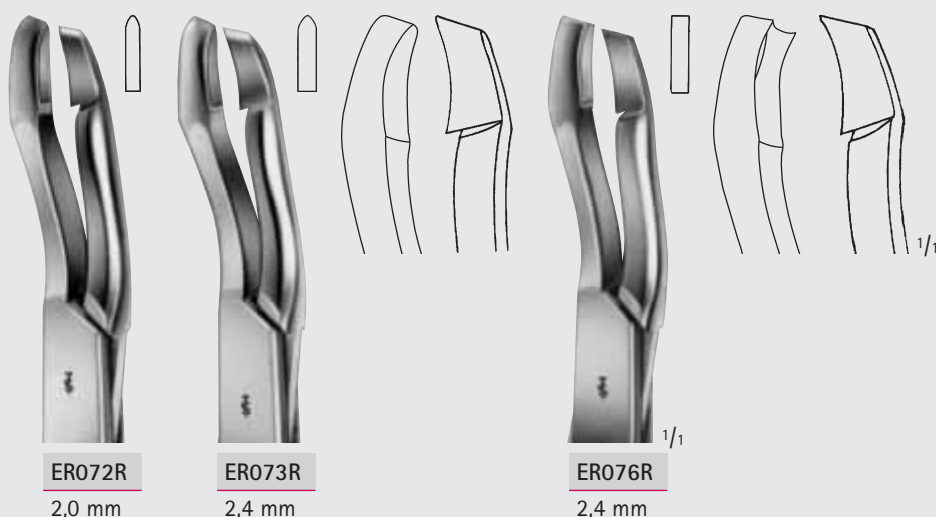
SEIDL DBP

ER072R-ER076R

Biopsiezangen, bajonettförmig, für Portio, Vagina und Vulva

Biopsy forceps, bayonet-shaped, for portio, vagina and vulva

240 mm, 9 1/2"



■ Es stehen zwei Maulformen zur Verfügung:

- a) Gotische Form (verursacht weniger Blutung), 2,0 bzw. 2,4 mm breit
- b) Rechteckige Form, 2,4 mm breit

■ Die glatte, senkrechte Schnittführung durch Epithel und Bindegewebe ermöglicht eine optimale histologische Untersuchung. Das PE-Stück wird seitlich auf einer planen Unterlage (z.B. Kork) fixiert und kann so "schnittgerecht" eingebettet werden. Keine tangentialen Anschnitte!

■ Durch die Bajonettbiegung bleibt die Sicht (mit oder ohne Kolposkop) auf die Portio bzw. das PE-Gebiet frei. Das Ansetzen der Zange kann gut kontrolliert werden.



■ 2 different shapes of the jaw are available:

- a) gothic shape (causes less bleeding) 2.0 resp. 2.4 mm wide
- b) rectangular shape, 2.4 mm wide

■ The smooth vertical cut through the epithelium and fibrous tissue allows an immediate histological examination. The biopsy is laterally fixed to a plane support (e.g. cork) and can thus properly be embedded for intersection. No tangential incisions.

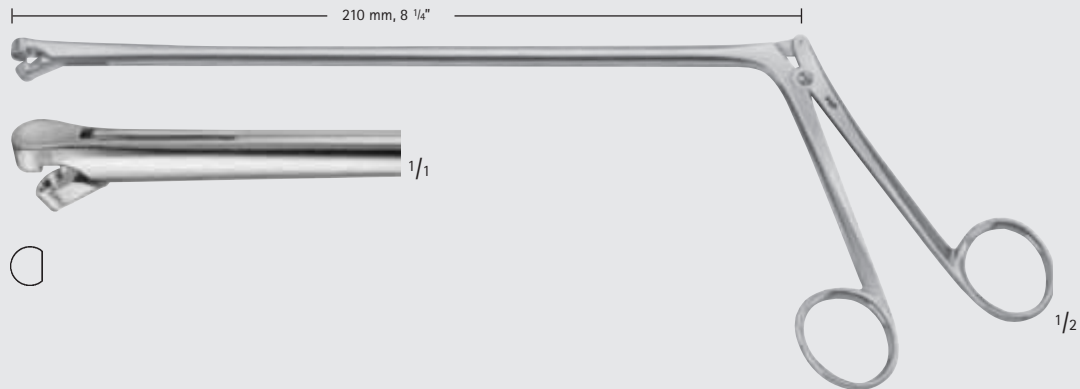
■ The bayonet-shape of the forceps does neither obstruct the view to the portio nor to the area of biopsy, no matter whether a colposcope is used or not. Application of the forceps can be well controlled.



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Currettes

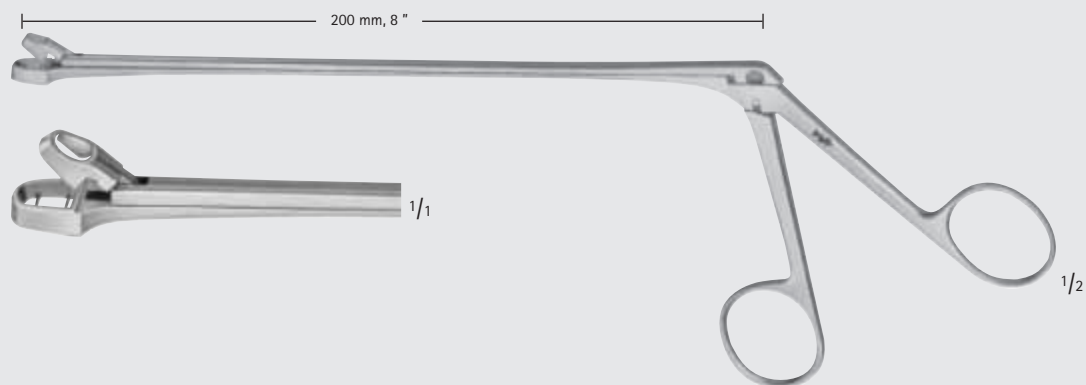
Biopsiezangen
Biopsy Forceps

ER



BERGER

ER066R



EPPENDORF

ER070R

für Kolposkopie geeignet
suitable for colposcopy

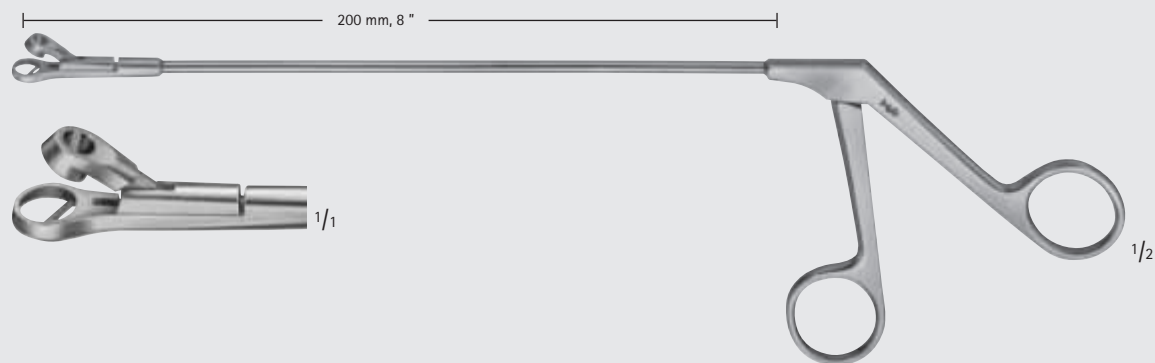


MILLIMETERS

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

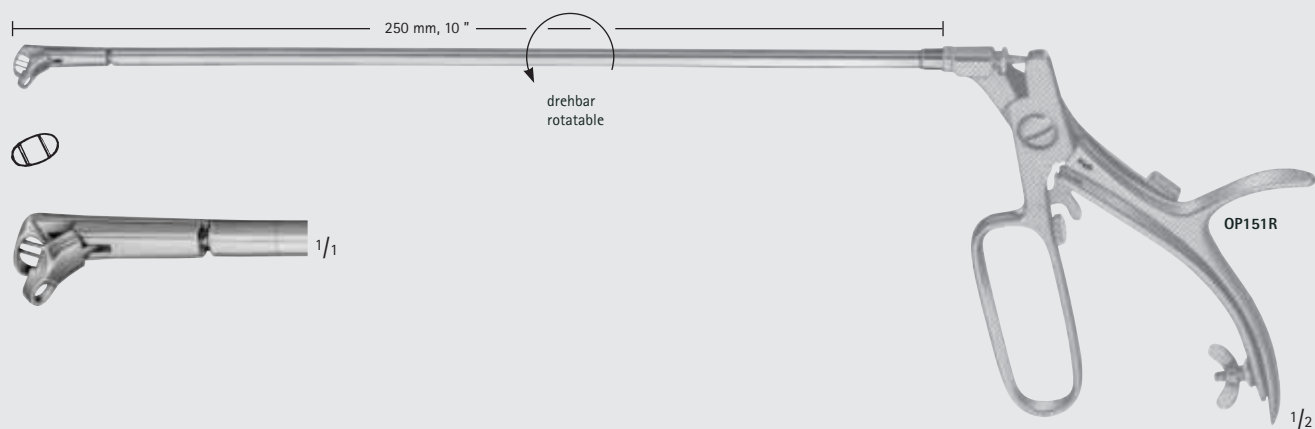
Biopsiezangen

Biopsy Forceps



LEECH-WILKINSON

ER071R



AESCULAP

EA912R

Aufsatz allein
mit ziehendem Schnitt,
passend auf Griff OP151R

Attachment only
with cut beginning from the top,
suitable for handle OP151R



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen
Biopsy Forceps



AESCULAP

OP151R

Universalgriff
Universal handle
140 mm, 5 1/2"



HUBER

OP152R

Universalgriff
Universal handle
140 mm, 5 1/2"



BRÜNNINGS

OP160R 200 mm, 8"

OP161R 250 mm, 10"

Verlängerungsrohre
Extension cannula



OP222R



OP223R

KRAUSE

OP222R-OP223R

Biopsie-Aufsätze
Biopsy attachments



SCHUMACHER

OP230R

Biopsie-Aufsatz
mit ziehendem Schnitt
Biopsy attachment
with cut beginning from
the top

ER



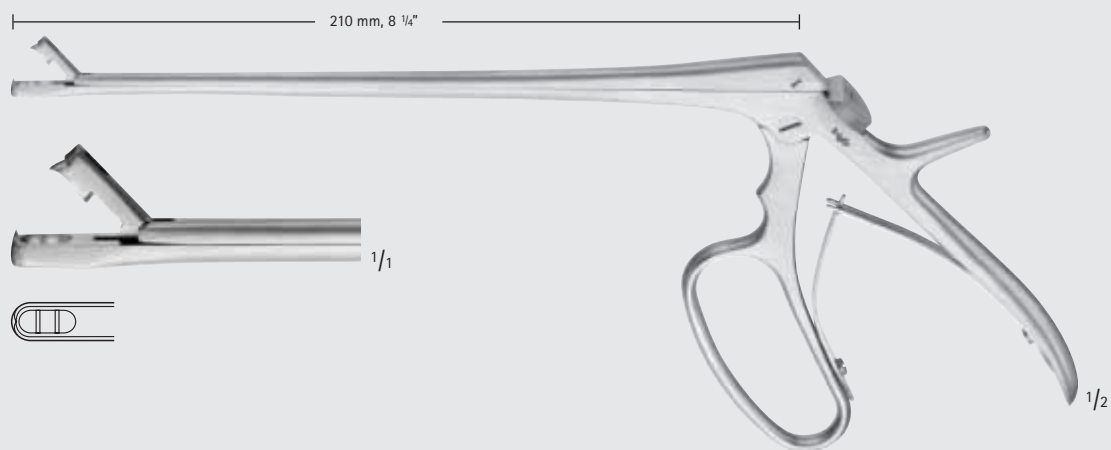
MILLIMETERS

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsiezangen

Biopsy Forceps

ER



TISCHLER

ER068R

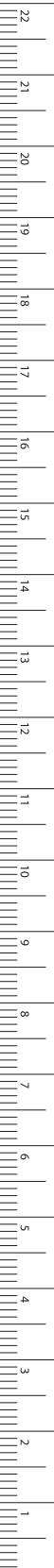




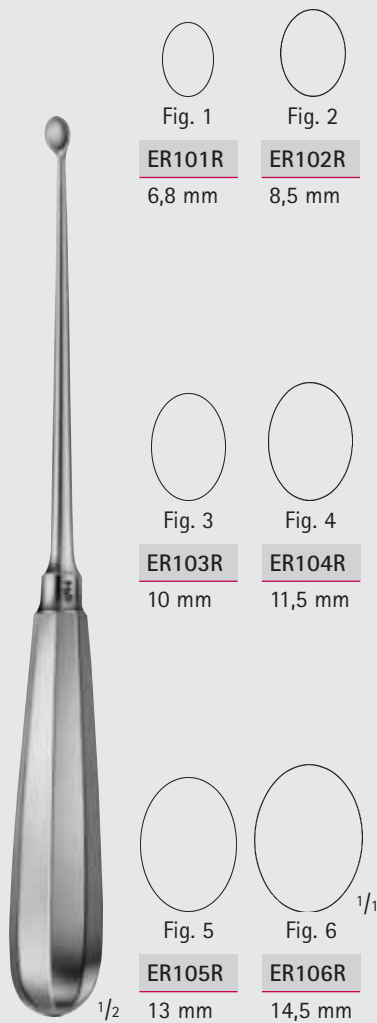
Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uteruslöffel
Uterine Scoops

ER

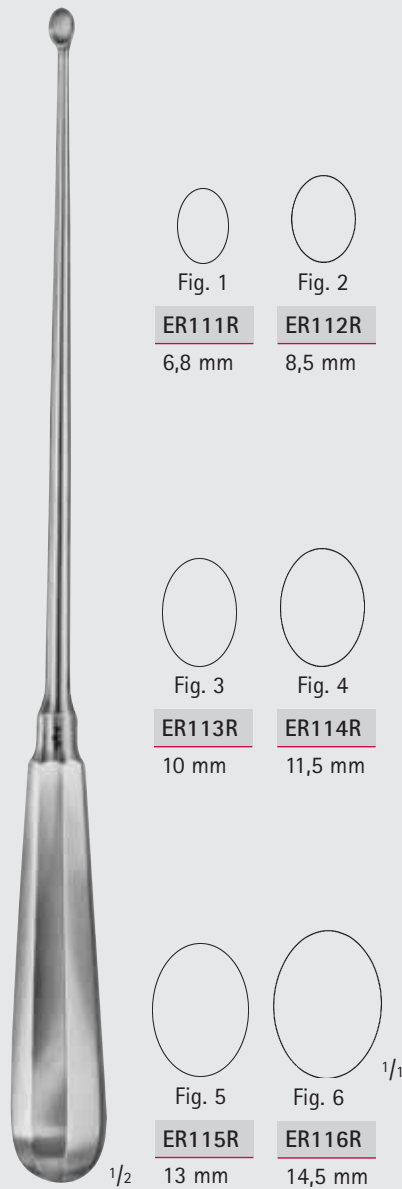


MILLIMETERS



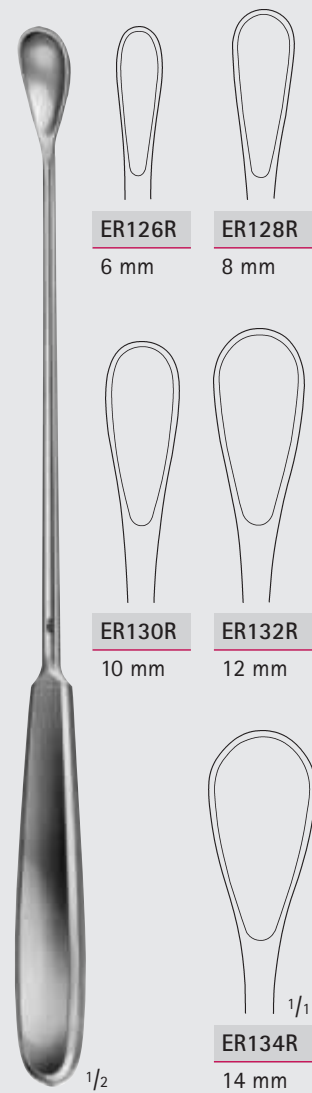
SIMON

ER101R-ER106R
max. 240 mm, 9 1/2"



SCHRÖDER

ER111R-ER116R
max. 310 mm, 12 3/8"



GOURDET

ER126R-ER134R
stumpf
blunt
280 mm, 11"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten

Uterine Curettes

ER



RECAMIER

ER219R-ER230R

scharf-fest
sharp-rigid

ER241R-ER248R

scharf-biegsam
sharp-malleable

ER320R-ER330R

stumpf-fest
blunt-rigid

max. 300 mm, 12"



Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8

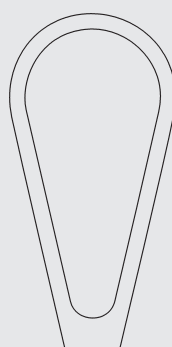


Fig. 9

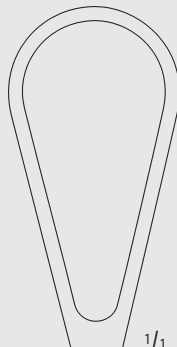


Fig. 10

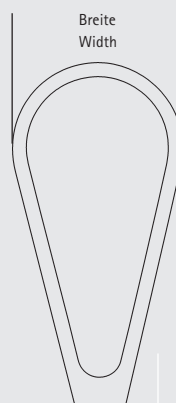


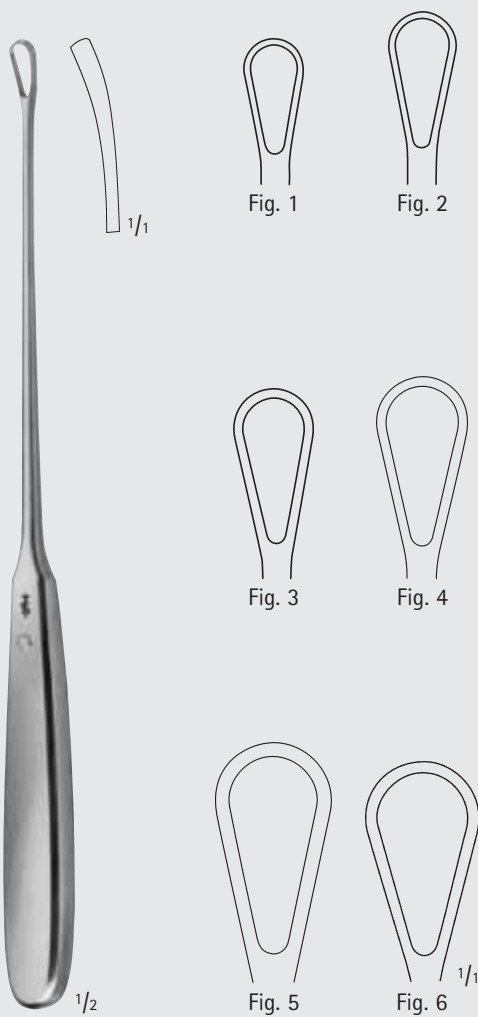
Fig.	Breite Width	scharf sharp		stumpf blunt
		fest rigid	biegsam malleable	fest rigid
00	4,5 mm	ER219R		
0	7,5 mm	ER220R		ER320R
1	8,5 mm	ER221R	ER241R	ER321R
2	10,5 mm	ER222R	ER242R	ER322R
3	12,0 mm	ER223R	ER243R	ER323R
4	14,0 mm	ER224R	ER244R	ER324R
5	15,0 mm	ER225R	ER245R	ER325R
6	16,5 mm	ER226R	ER246R	ER326R
7	18,0 mm	ER227R	ER247R	ER327R
8	19,5 mm	ER228R	ER248R	ER328R
9	21,5 mm	ER229R		ER329R
10	23,5 mm	ER230R		ER330R



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten
Uterine Curettes

ER



SIMS

ER401R-ER406R

scharf-fest
sharp-rigid

ER411R-ER416R

scharf-biegsam
sharp-malleable
max. 255 mm, 10"

ER421R-ER426R

stumpf-fest
blunt-rigid

Fig.	Breite Width	scharf sharp		stumpf blunt
		fest rigid	biegsam malleable	fest rigid
1	7,5 mm	ER401R	ER411R	ER421R
2	8,5 mm	ER402R	ER412R	ER422R
3	10,5 mm	ER403R	ER413R	ER423R
4	12,0 mm	ER404R	ER414R	ER424R
5	14,0 mm	ER405R	ER415R	ER425R
6	15,0 mm	ER406R	ER416R	ER426R



MILLIMETERS

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten

Uterine Curettes

ER



1/2

BUMM

ER520R-ER526R

stumpf-biegsam

blunt-malleable

max . 290 mm, 11 1/2"



Fig. 0

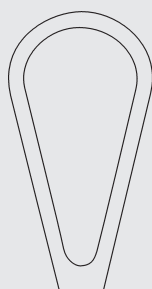


Fig. 1

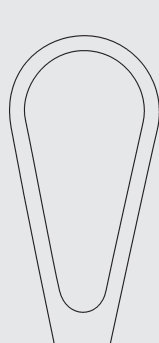


Fig. 2

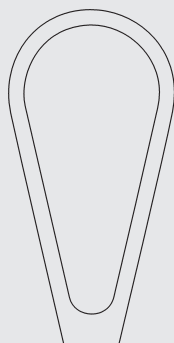


Fig. 3

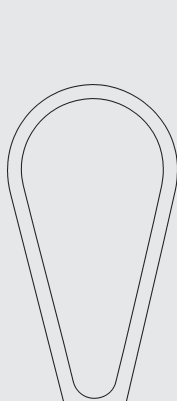


Fig. 4

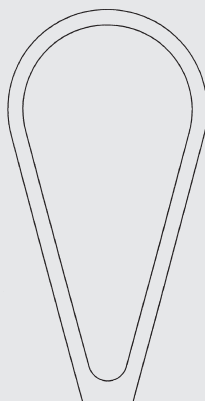


Fig. 5

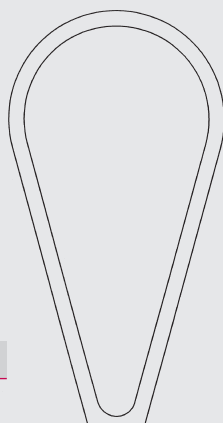


Fig. 6

1/1

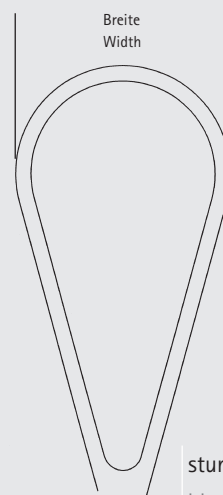


Fig.

Breite
Width

stumpf
blunt
biegsam
malleable

Fig.	Breite Width	stumpf blunt biegsam malleable
0	16,0 mm	ER520R
1	18,0 mm	ER521R
2	19,5 mm	ER522R
3	21,5 mm	ER523R
4	23,5 mm	ER524R
5	26,0 mm	ER525R
6	28,5 mm	ER526R



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten, Plazentar- und Abortusküretten

Uterine Curettes, Placenta- and Ovum Curettes

ER



BLAKE

ER585R

275 mm, 10 3/4"



COLLIN

ER580R

300 mm, 12"



HEANEY

ER025R

240 mm, 9 5/8"



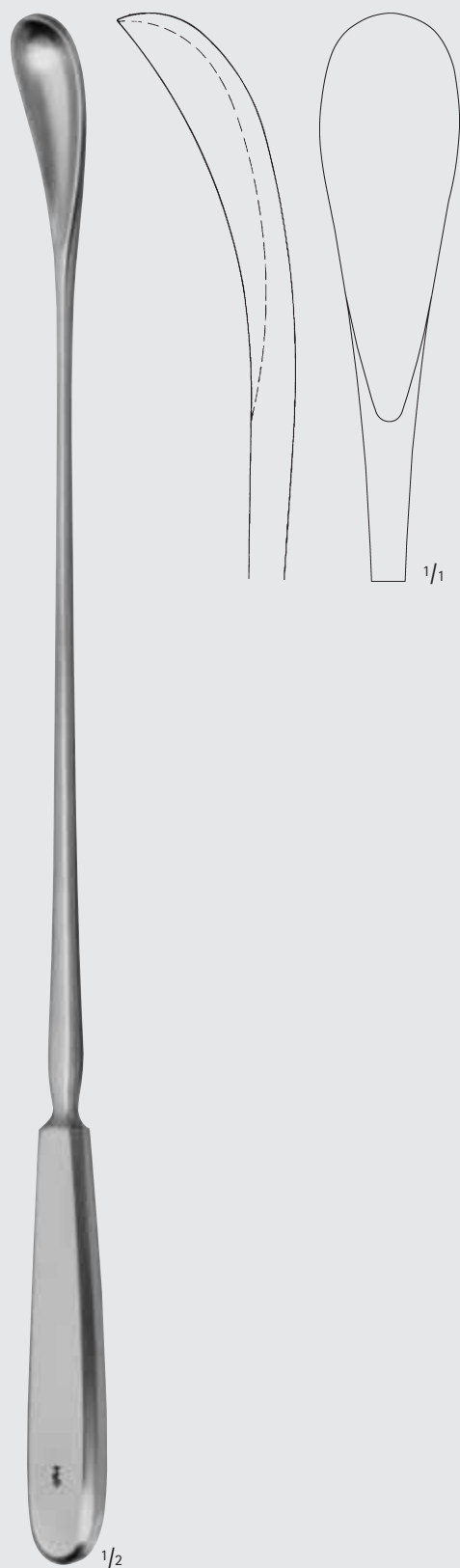
MILLIMETERS

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Plazentar- und Abortuslöffel

Placenta- and Ovum Scoop

ER



WALLICH

ER602R

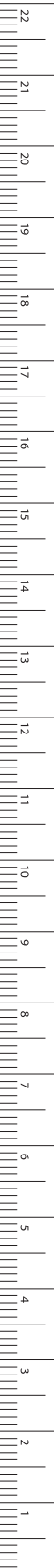
420 mm, 16 3/4"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Currettes

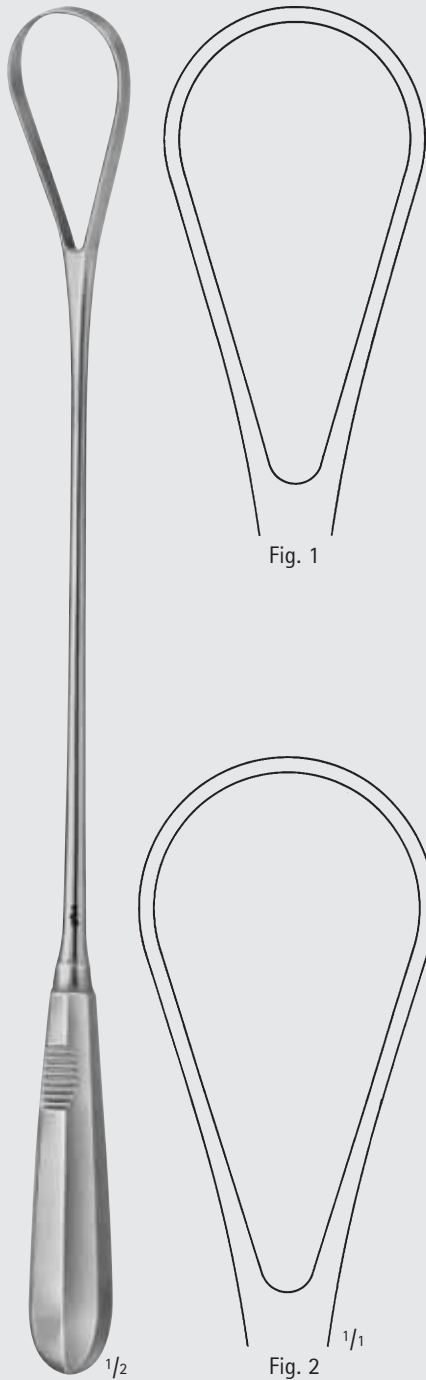
Plazentar- und Abortusküretten

Placenta- and Ovum Currettes

ER



MILLIMETERS

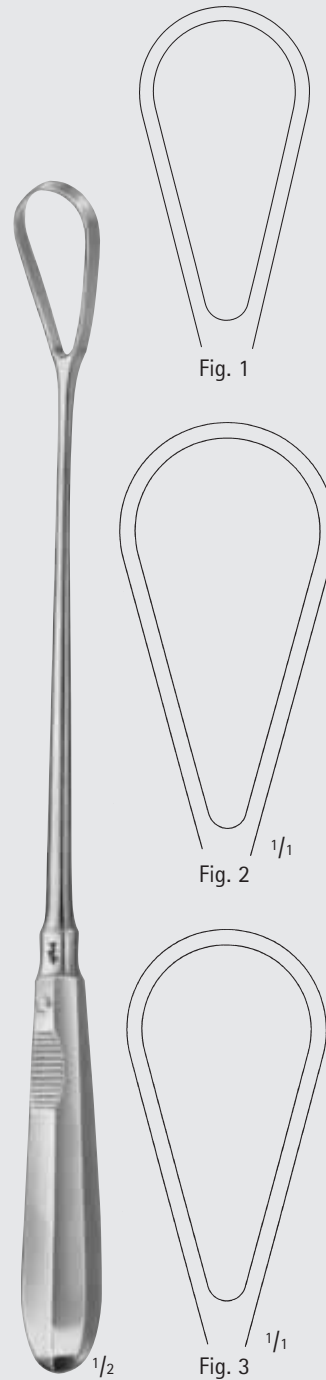


RECAMIER

ER611R-ER612R

stumpf-fest
blunt-rigid
max. 360 mm, 14 ³/₈"

Fig.	Breite Width	fest rigid	stumpf blunt
1	34,5 mm	ER611R	
2	39,5 mm	ER612R	



BUMM

ER621R-ER623R

scharf-biegsam
sharp-malleable

ER626R-ER628R
stumpf-biegsam
blunt-malleable
max. 310 mm, 12 ³/₈"

Fig. Fig.	Breite Width	scharf sharp	stumpf blunt
		biegsam malleable	biegsam malleable
1	23,5 mm	ER621R	ER626R
2	26,0 mm		ER627R
3	28,5 mm	ER623R	ER628R

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Vakuumküretten

Vacuum Curettes

Kanülen zur Vakuumkürettage mit Graduierung und Saugunterbrecher, passend auf den Schlauchansatz GF720R. Arbeitsenden sorgfältig verrundet, daher keine Perforationsgefahr.

Curettes with graduation and suction interrupter, for vacuum curettage, fitting hose connection GF720R. Working tips are smoothly rounded off, therefore no danger of perforation.



Ø

diam.

4 mm (zur Saugbiopsie geeignet)

(suitable for suction biopsy)

GF704R

GF706R

6 mm

GF708R

8 mm

GF710R

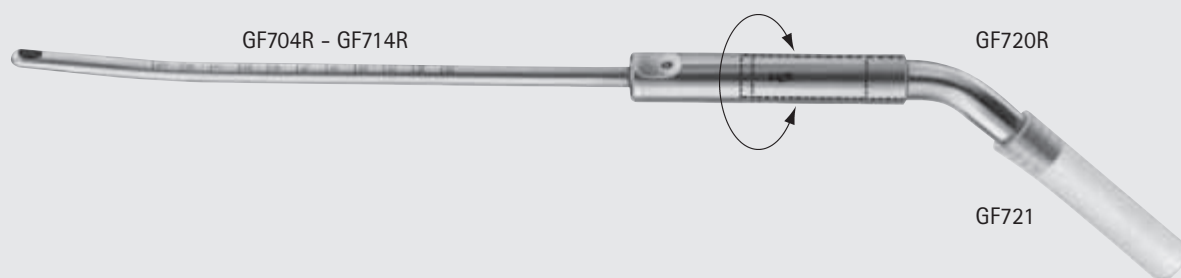
10 mm

GF712R

12 mm

GF714R

14 mm



GF704R - GF714R

GF720R

GF721

GF720R

Schlauchansatz, gebogen

Innen-Ø: 11 mm

Hose connection, curved
inside diam.: 11 mm

GF721

Saugschlauch, transparent, 1,8 m lang, Innen-Ø 11 mm, Außen-Ø 16,5 mm, sterilisierbar im Autoklav bei 143 °C (3 bar)

Transparent suction hose, 1.8 m long, inside diam. 11 mm, outside diam. 16.5 mm, can be sterilized in an autoclave at 143 °C (3 bar)

Die Verbindung zwischen Saugküretten und Schlauchansatz GF720R gewährleistet schnelles Wechseln und freies Drehen der Saugküretten auf dem Schlauchansatz.

The connection between suction curette and hose connection GF720R guarantees quick changing and free turning of the suction curettes on the hose connection.



GF722

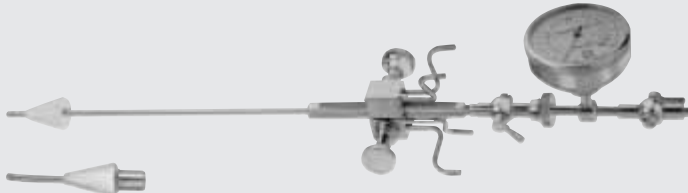
Gewebe-Auffangsieb aus Kunststoff, zum Einmalgebrauch für die histopathologische Untersuchung.

Strainer for tissues, plastic, for single use only, to be used for histopathological examination.

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Gynäkologische Instrumente
Gynecological Instruments

ER



ER826C



ER827C



ER828C

SCHULZE

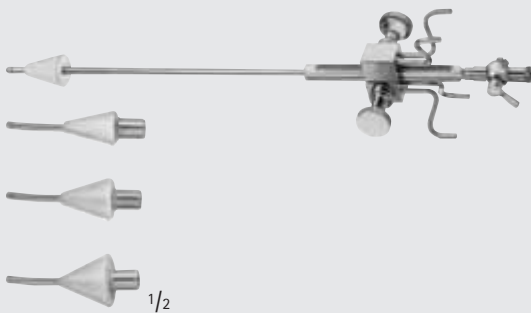
ER820C

Salpingograph zur Hystereo-Salpingographie, komplett bestehend aus:

- ER825C Tubenkatheter mit Hahn, ohne Kegel
- ER826C Kegel allein, klein
- ER827C Kegel allein, mittel
- ER828C Kegel allein, groß
- Manometer
- Zwischenstück
- ER829 Holzetui

Salpingograph, for utero-salpingography, complete consisting of:

- ER825 C Uterine cannula with tap without cone
- ER826C Cone only, small
- ER827C Cone only, medium
- ER828C Cone only, large
- Manometer
- Connection
- ER829 Wooden case



SCHULZE

ER822C

Salpingograph, Ausstattung wie ER820C, jedoch ohne Manometer

Salpingograph, equipment like ER820C, but without manometer



Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterus-Kanülen

Uterine Cannulae

ER



$\frac{1}{2}$

LEECH-WILKINSON

ER871R-ER873R

265 mm, 10 $\frac{1}{2}$ "

ER871R

klein

small

Ø 10 x 25 mm

diam. 10 x 25 mm

ER872R

mittel

medium

Ø 13 x 30 mm

diam. 13 x 30 mm

ER873R

groß

large

Ø 16 x 30 mm

diam. 16 x 30 mm

$\frac{1}{1}$



$\frac{1}{2}$

SPACKMAN

ER874R

mit Befestigungsplatte für
Hakenzange verstellbar

with adjustable plate for
vulsellum forceps

360 mm, 14 $\frac{1}{4}$ "

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterus-Kanülen, Spülkatheter
Uterine Cannulae, Irrigation Catheter

ER



BEHRMAN

ER875

Uterus-Kanüle
mit abnehmbarem Konus
Uterine cannula
with detachable cone
305 mm, 12"



ER876

Uterus-Kanüle
mit Federmechanismus, selbsthaltend,
komplett mit 2 auswechselbaren Koni
groß und klein
Uterine cannula
with spring connector, self-retaining,
complete with 2 interchangeable cones
large and small
250 mm, 13"



ROTUNDA

ER867R

Spülkatheter
Ø 5 mm
Irrigation cannula
diam. 5 mm
200 mm, 8"



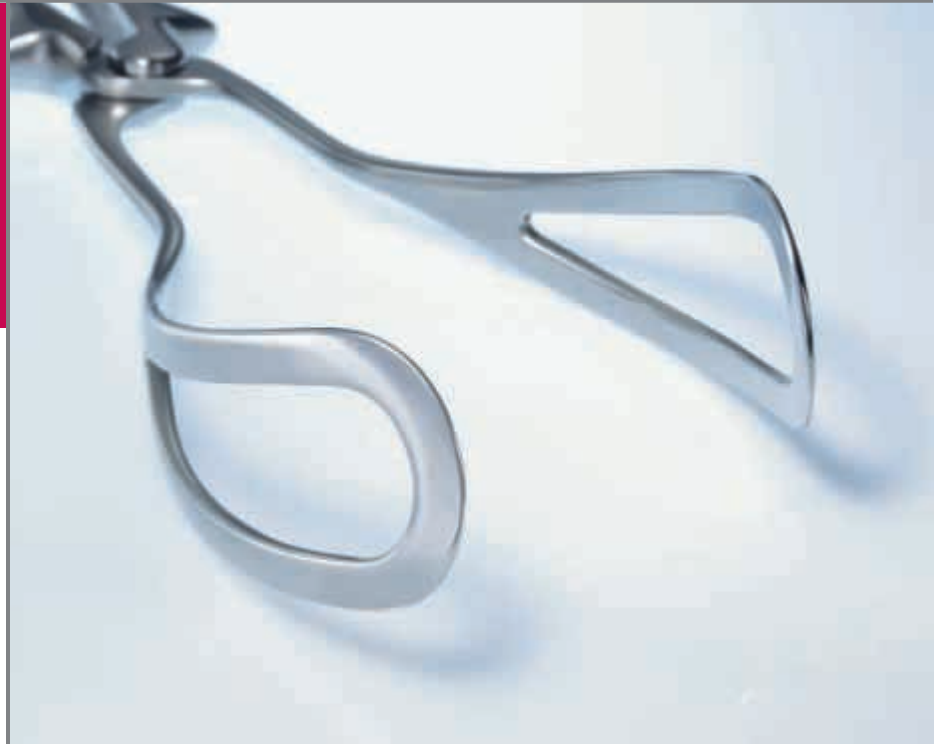
MILLIMETERS



INCHES



ET



Geburtshilfe
Obstetrics

Geburtshilfe – Obstetrics

Beckenzirkel

Pelvimeters



DE LEE

ET005R

Beckenzirkel mit Zentimeter- und Zolleinteilung für innere Messungen zwischen Symphyse und Promontorium

Pelvismeter graduated in centimeters and inches for interior measurements between symphysis and promontory

$\frac{1}{2}$



MARTIN

ET073R

mit Zentimetereinteilung
graduated in centimeters

$\frac{1}{3}$



$\frac{1}{3}$

SCHMELZ

ET002

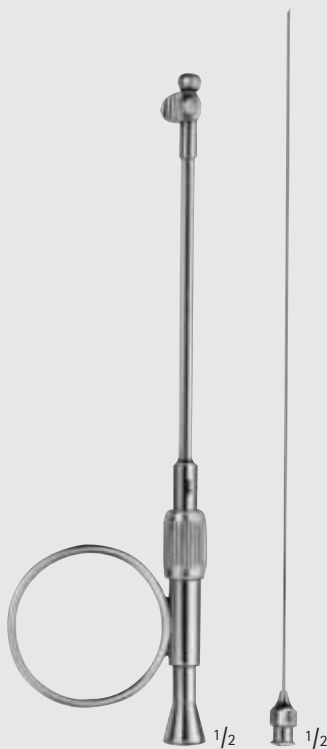
Rechenscheibe
Gestation calculator

ET



Nach Applikation der Führungshülse am Injektionsort wird die Kanüle (mit aufgesetzter Spritze) durch den Trichter bzw. durch die Hülse hindurchgeführt und ins Gewebe eingestochen. Verletzungen der Vagina werden dabei vermieden. Die Einstichtiefe ist auf ca. 10 mm begrenzt. Ein Daumenring sowie eine kleine Stütze für Zeige- oder Mittelfinger dienen zur besseren Handhabung. Der Daumenring ist auf der Führungshülse verschiebbar und kann mit einer Rändelmutter – für jede Hand passend – fixiert werden. Die Fingerstütze läßt sich um die Führungshülse drehen und ermöglicht dadurch die Verwendung sowohl für Rechts- als auch für Linkshänder. Außerdem kann die Fingerstütze – evtl. bei der Pudendusanästhesie – ganz aus dem Aktionsbereich heraus in Richtung Daumenring geschoben werden.

When the guide sheath is introduced at the spot to be injected the needle (mounted on the syringe) is passed through the guide sheath and the tissue is finally injected. Injuries of the vagina are thus avoided. Depth of puncture is limited to 10 mm. Thumb ring as well as a small support for middle- or forefinger facilitate the handling. Thumb ring slides on the guide sheath and can be fixed by a knurled nut to any size of the hand. The finger support can be turned round on the guide sheath so left-handers can use it, too. Completely away from the range of actions is the finger support when it is moved towards the thumb ring, e.g. for anesthesia of the pudendus.



ET096R

Führungshülse
Guide sheath
175 mm, 7"

SR580R

Injektionskanüle Luer-Lock
Injection needle Luer-Lock hub
1,0 x 185 mm

Spezialbesteck zur transvaginalen
Injektion bei Paracervical-und
Pudendusanästhesie

Special set for transvaginal injection
for paracervical anesthesia as well
as anesthesia of the pudendus

Geburtshilfe – Obstetrics

Amniotom, Blasensprenger

Amniotome, Membrane Puncturing Forceps

Stethoskope für die Geburtshilfe siehe Rubrik AC

Obstetrical stethoscopes see section AC



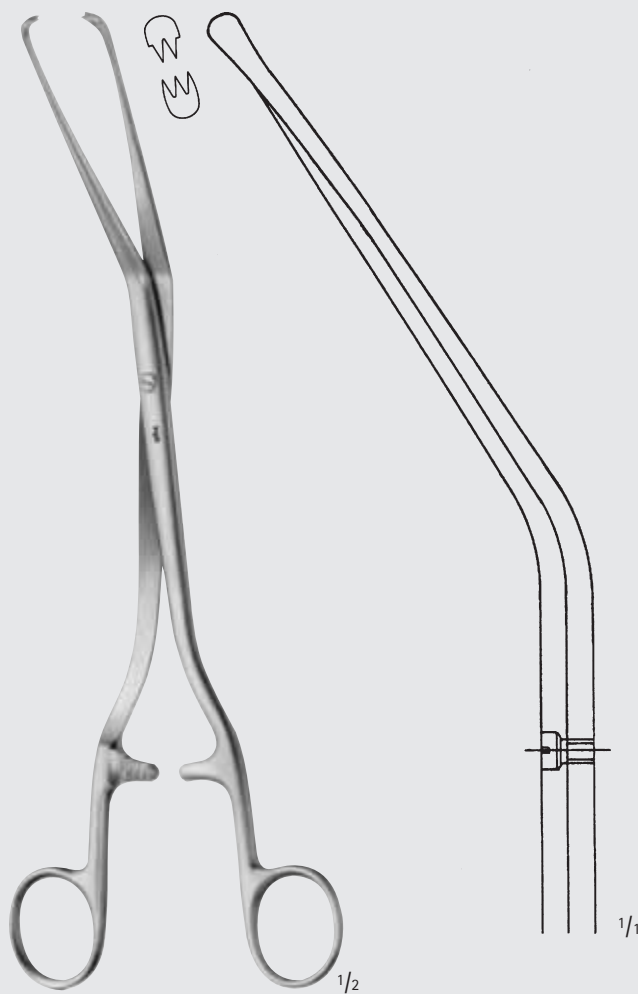
BEACHAM

ET102R

Amniotom

Amniotome

240 mm, 9 1/2"



HERFF

ET106R

Blasensprenger

Membrane puncturing forceps

255 mm, 10"



Geburtshilfe – Obstetrics

Nabelschnurscheren

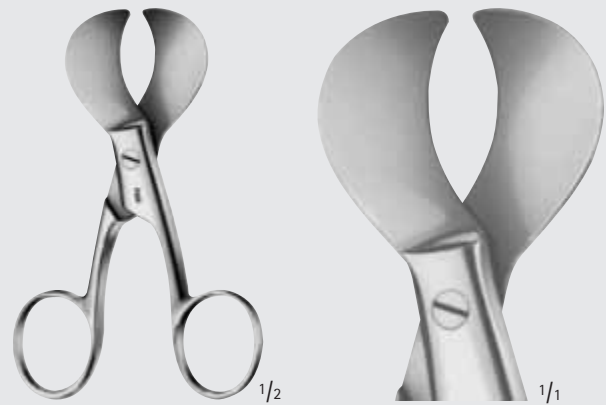
Umbilical Cord Scissors

13**SCHUHMACHER****ET150R**

Nabelschnurschere

Umbilical cord scissors

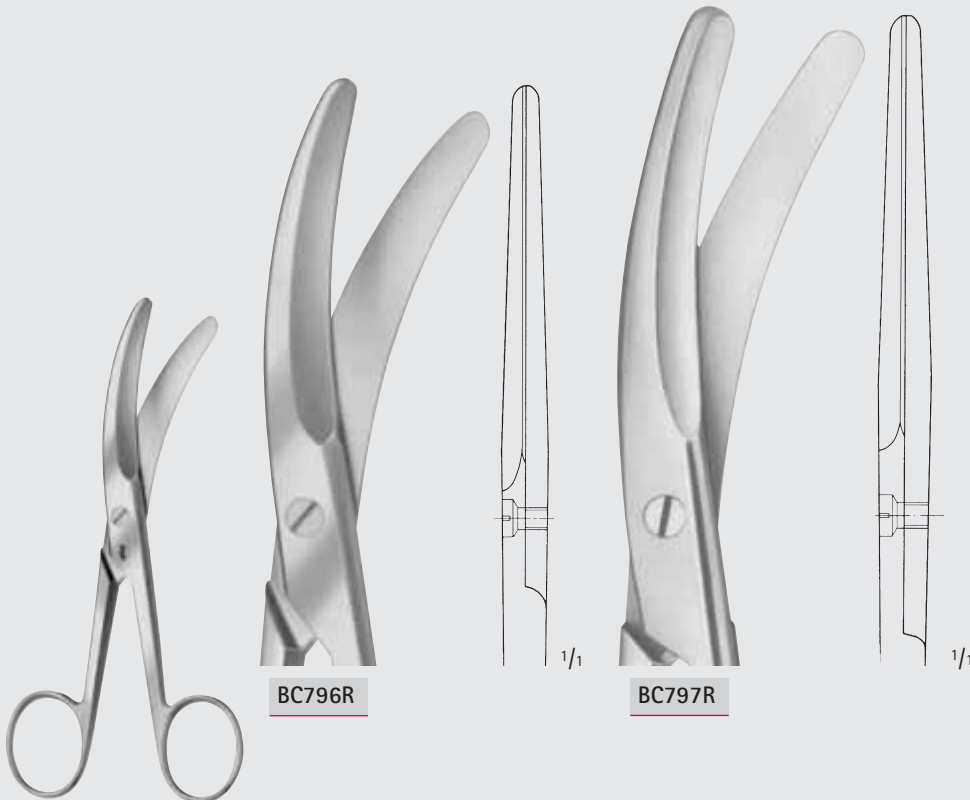
155 mm, 6"

**ET152R**

Nabelschnurschere

Umbilical cord scissors

105 mm, 4 1/8"

**BC796R****BC797R****BC796R** 135 mm 5 1/4"**BC797R** 160 mm 6 1/4"

Nabelschnurscheren

Umbilical cord scissors

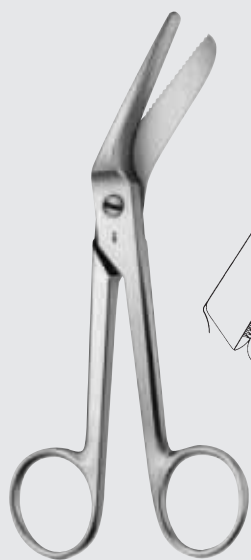


MILLIMETERS

Geburtshilfe – Obstetrics

Dammscheren, Nabelschnurdilatator, Nabelschnurklemme

Episiotomy Scissors, Umbilical Dilator, Umbilical Cord Clamp



BRAUN-STADLER

ET140R 145 mm 5 ³/₄"

ET141R 200 mm 8"

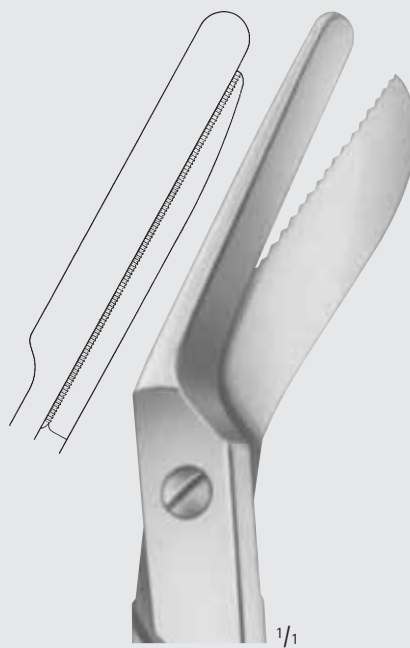
Dammscheren

Episiotomy scissors



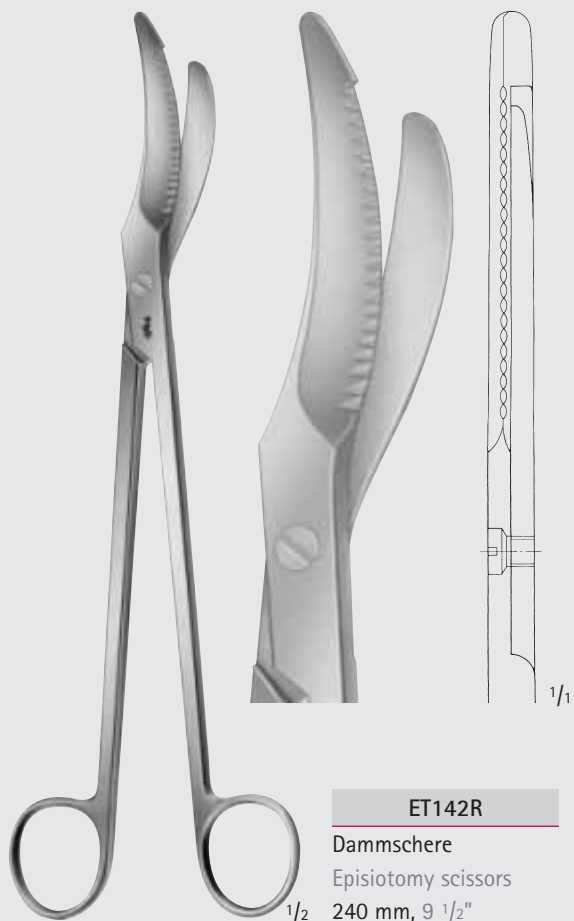
ET140R

1/1



ET141R

1/1



ET142R

Dammschere

Episiotomy scissors

240 mm, 9 ¹/₂"

1/2



1/1

ET130R

Nabelschnurdilatator

Umbilical dilator

95 mm, 3 ³/₄"



1/2

COLLIN

ET160R

Nabelschnurklemme

Umbilical cord clamp

85 mm, 3 ³/₈"

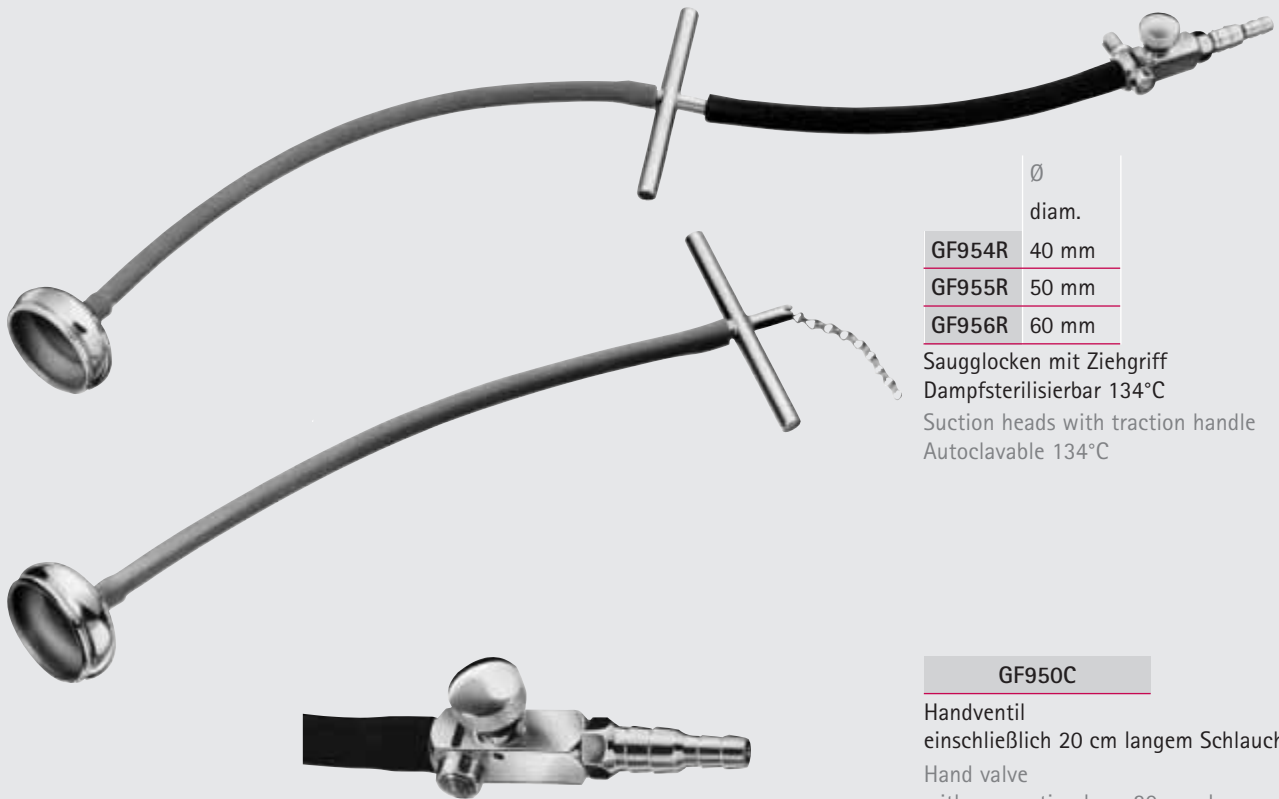


Geburtshilfe – Obstetrics

Vakuum-Extraktion bei der Geburtshilfe

Vacuum Extraction for Obstetrics

13



	Ø diam.
GF954R	40 mm
GF955R	50 mm
GF956R	60 mm

Saugglocken mit Ziehgriff

Dampfsterilisierbar 134°C

Suction heads with traction handle
Autoclavable 134°C

GF950C

Handventil
einschließlich 20 cm langem Schlauch

Hand valve
with connection hose 20 cms long

Mit dem Handventil GF950C können die Aesculap-Sauger auch zur Vakuum-Extraktion nach Malmström verwendet werden. Das Vakuum-Handventil GF950C ist auch an zentrale Sauganlagen anschließbar.

With the hand valve GF950C Aesculap electric suction pumps can also be used for Malmström vacuum extraction. The vacuum hand valve GF950C can also be connected to central suction system.

Funktionsweise: Das benötigte Vakuum ist durch die Regulierschraube beliebig voreinstellbar und veränderbar und besteht bis zum geschlossenen Stoppschieber. Sobald man den Stoppschieber öffnet, d.h. von links nach rechts drückt, wird die aufgesetzte Saugglocke unmittelbar unter das eingestellte Vakuum gesetzt. Zum sofortigen Absetzen der Saugglocke braucht der Stoppschieber nur geschlossen zu werden, wodurch das Vakuum der Saugglocke spontan zusammenbricht, während das Vakuum in der Saugflasche voll erhalten bleibt und nicht immer wieder zeitraubend neu aufgebaut werden muß.

Function: The vacuum required can be constantly preset by the adjusting screw. This vacuum exists then up to the closed quick-shutter, thus the vacuum in the suction head is pressed from the left to the right, the mounted suction head is immediately put under the preset vacuum. In case the preset vacuum has to be changed, this can be done with the adjusting screw. For immediate removal of the suction head simply close the quick-shutter, thus the vacuum in the suction head is eliminated at once whereas the vacuum in the suction jar remains unchanged.



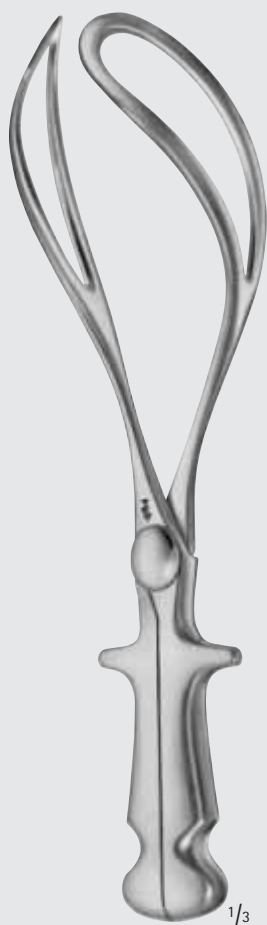
GF957

Saugglocke aus Silicon-Gummi, Ø 60 mm,
mit 1,5 m Siliconschlauch

Dampfsterilisierbar 134°C

Suction head, made of silicone, 60 mm diam.,
with silicone tube 1.5 m long
Autoclavable 134°C

MILLIMETERS



NÄGELE

ET205R

355 mm, 14 $\frac{1}{8}$ "



KIELLAND

ET210R

420 mm, 16 $\frac{3}{4}$ "



Geburtshilfe – Obstetrics

Geburtszangen

Obsterical Forceps

13



SIMPSON-BRAUN

ET220R

305 mm, 12"



SIMPSON-BRAUN

ET221R

350 mm, 14"



PIPER

ET237R

für nachkommenden
Kopf bei Steißblagen
for delivery of the after
coming head in breech
presentation
445 mm, 17 1/2"



MILLIMETERS



SIMPSON

ET245R

für sectio caesarea
(Schnittentbindung)

for caesarean section

235 mm, 9 1/4"



WRIGLEY

ET246R

für sectio caesarea
(Schnittentbindung)

for caesarean section

250 mm, 10"



Geburtshilfe – Obstetrics
Geburtszangen
Obsterical Forceps

13



TARNIER

ET251R

mit Achsenzugvorrichtung
with traction rod
400 mm, 16"



BARNES-NEVILLE

ET255R

mit Zugvorrichtung
with traction handle
435 mm, 17"



Geburtshilfe – Obstetrics

Geburtslöffel, Uterus-Klemmzange

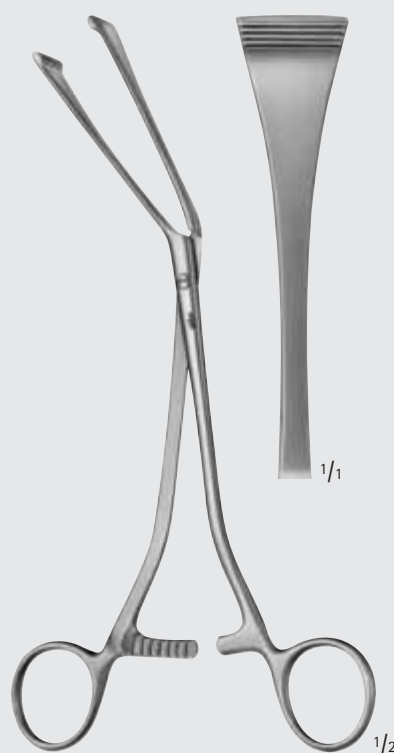
Obstetrics Lever, Caesarean Section Hemostatic Forceps



SELLHEIM

ET270R

Geburtslöffel
Obstetric lever
300 mm, 12"



GREEN-ARMYTAGE

ET268R

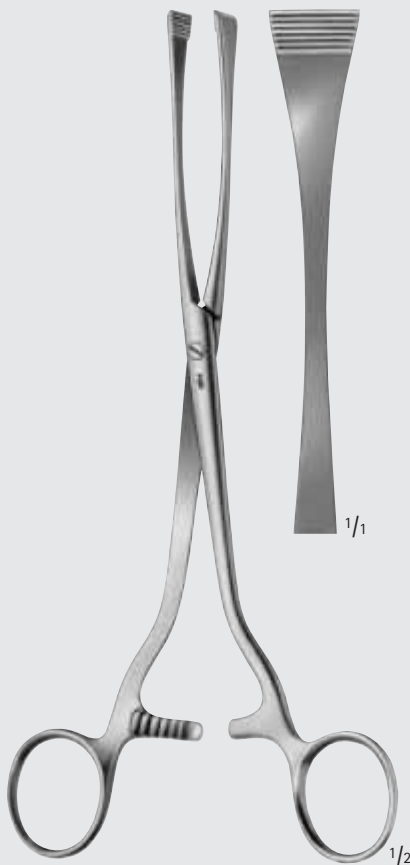
Uterus-Klemmzange, abgewinkelt,
zur Blutstillung an den Schnitt-
rändern im unteren Segment bei
Kaiserschnitt-Entbindungen
Caesarean section hemostatic
forceps, angled,
for edges of the transverse
incision in the lower segment
195 mm, 7 3/4"



Geburtshilfe – Obstetrics

Uterus-Klemmzange, Kopfschwartenzange
Caesarean Hemostasis Forceps, Scalp Flap Forceps

13



GREEN-ARMYTAGE

ET269R

Uterus-Klemmzange zur Blutstillung
an den Schnitträndern im unteren
Segment bei Kaiserschnitt-
Entbindungen

Caesarean section haemostatic
forceps, for edges of the transverse
incision in the lower segment

220 mm, 8 $\frac{3}{4}$ "



WILLETT

FF011R

Kopfschwartenzange

Scalp flap forceps

185 mm, 7 $\frac{1}{4}$ "



MILLIMETERS

Geburtshilfe – Obstetrics

Plazentar- und Abortuszangen

Plazenta- and Ovum Forceps

ET



Fig. 1

Fig. 2 ^{1/1}

ET301R

ET302R



WINTER

ET301R-ET302R

290 mm, 11 1/2"



Fig. 1

Fig. 2

Fig. 3 ^{1/1}

ET306R

ET307R

ET308R



WINTER

ET306R-ET308R

290 mm, 11 1/2"



Fig. 2

Fig. 3 ^{1/1}

ET315R

ET316R



WINTER

ET315R-ET316R

mit Sperre
with ratchet
290 mm, 11 1/2"



Geburtshilfe – Obstetrics

Plazentar- und Abortuszangen

Placenta- and Ovum Forceps

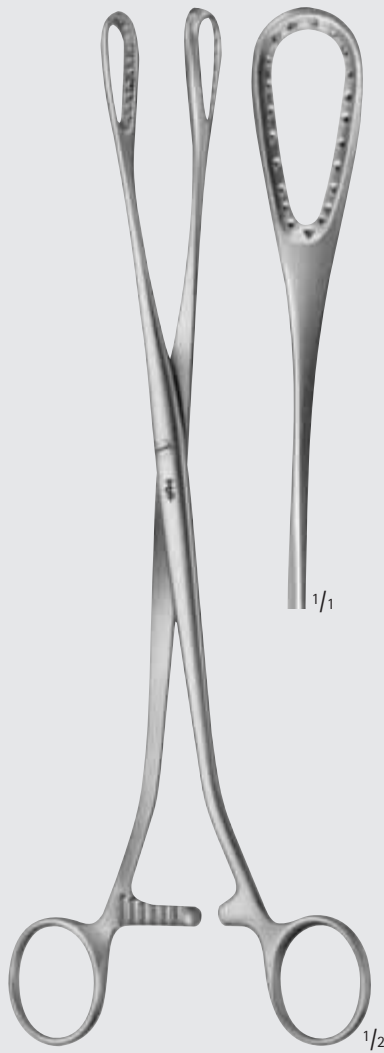
13



SAENGER

ET325R

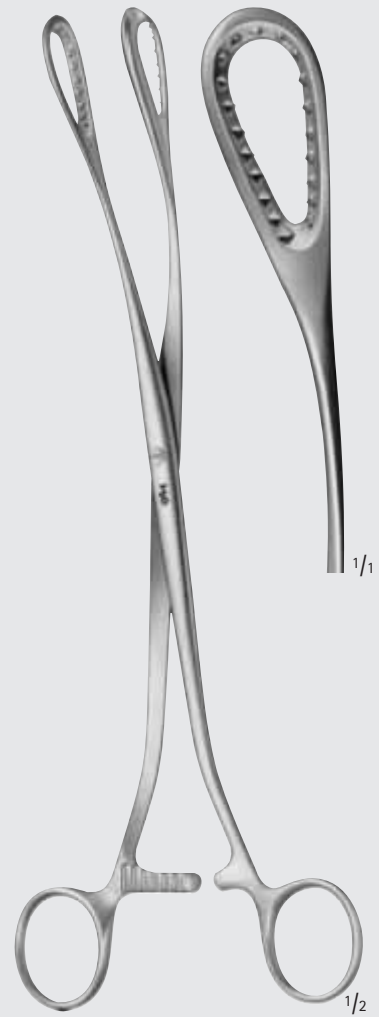
285 mm, 11 1/4"



SAENGER

ET326R

275 mm, 10 3/4"



SAENGER

ET327R

265 mm, 10 1/2"



MILLIMETERS

Geburtshilfe – Obstetrics
 Plazentar- und Abortuszangen
 Placenta- and Ovum Forceps

ET



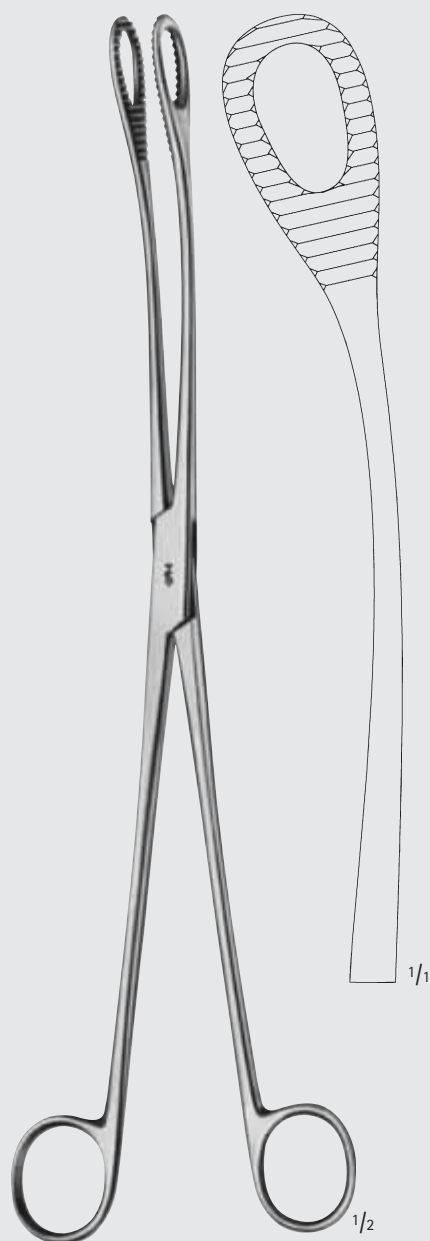
mit Schutzklappe
 with protecting cap



AESCULAP

ET320R

285 mm, 11 1/4"



KELLY

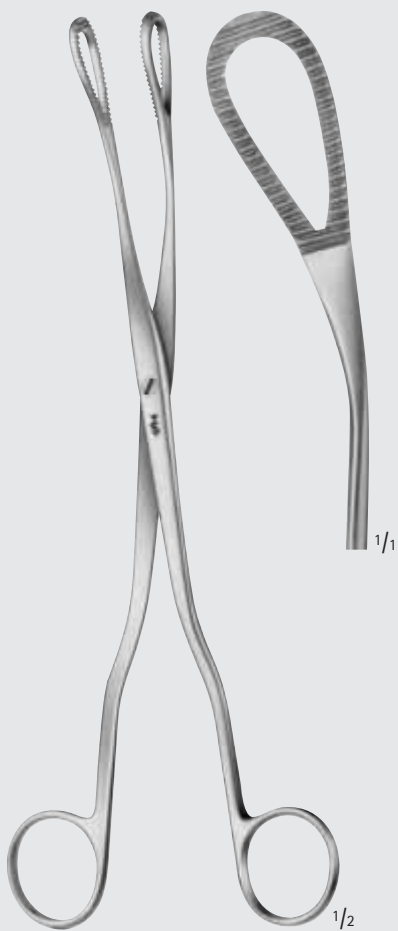
BF135R

320 mm, 12 3/4"



Geburtshilfe – Obstetrics
Plazentar- und Abortuszangen
Plazenta- and Ovum Forceps

13



MC CLINTOCK

ET329R

240 mm, 9 1/2"





INCHES



FB



Herz-, Thorax- und Gefäß-Chirurgie
Cardiovascular- and Thoracic Surgery

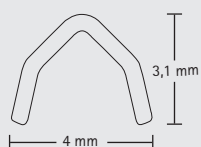
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen

Titanium Ligating Clips and Appliers

SMALL

FB



1/1

PL565T

Titan-Ligatur-Clips
small (gelb)

Bestelleinheit:

PAK = Packung à

30 Magazine = 180 Stück

Titanium ligating clips
small (yellow)

Sales unit:

PAK = Package of

30 cartridges = 180 pieces

PL566T

Cardiopack

Titan-Ligatur-Clips

small (gelb)

Bestelleinheit:

PAK = Packung à

8 Magazine = 192 Stück

Cardiopack

Titanium ligating clips

small (gelb)

Sales unit:

PAK = Package of

8 cartridges = 192 pieces



FB222R

Clipanlegezange
small (gelb)

Clip applier

small (yellow)

150 mm, 6"



SMALL

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen

Titanium Ligating Clips and Appliers

FB



FB223R-FB226R

Clipanlegezangen
small (gelb)
Clip appliers
small (yellow)
200 mm, 8"

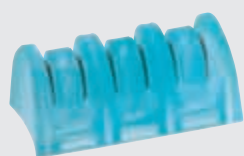
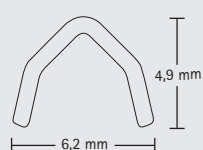


FB224R-FB227R

Clipanlegezangen
small (gelb)
Clip appliers
small (yellow)
280 mm, 11"



MILLIMETERS



PL567T

Titan-Ligatur-Clips
medium (blau)

Bestelleinheit:

PAK = Packung à

30 Magazine = 180 Stück

Titanium ligating clips
medium (blue)

Sales unit:

PAK = Package of

30 cartridges = 180 pieces



FB234R

Clipanlegezange
medium (blau)

Clip applier
medium (blue)

150 mm, 6"



MEDIUM

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen
Titanium Ligating Clips and Appliers

FB



FB235R
25°

FB238R
65°

FB235R-FB238R

Clipanlegezangen
medium (blau)

Clip appliers
medium (blau)

200 mm, 8"



FB236R
25°

FB239R
65°

FB236R-FB239R

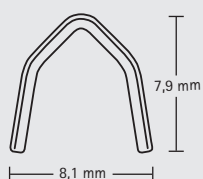
Clipanlegezangen
medium (blau)

Clip appliers
medium (bleu)

280 mm, 11"



MILLIMETERS



PL568T

Titan-Ligatur-Clips
medium-large (grün)
Bestelleinheit:
PAK= Packung à
20 Magazine = 120 Stück
Titanium ligating clips
medium-large (green)
Sales unit:
PAK= Package of
20 cartridges = 120 pieces



FB240R
25°



FB243R
65°



FB254R
90°
1/1

FB240R-FB254R

Clipanlegezangen
medium-large (grün)
Clip appliers
medium-large (green)
200 mm, 8"



MEDIUM-LARGE

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen
Titanium Ligating Clips and Appliers

FB



1/2



FB242R

25°



FB245R

65°



FB255R

90°

1/1

FB242R-FB255R

Clipanlegezangen
medium-large (grün)

Clip appliers
medium-large (green)

280 mm, 11"



MILLIMETERS

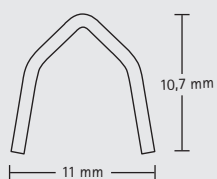
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen

Titanium Ligating Clips and Appliers

LARGE

FB



PL561T

Titan-Ligatur-Clips
large (orange)

Bestelleinheit:

PAK = Packung à

20 Magazine = 120 Stück

Titanium ligating clips
large (orange)

Sales unit:

PAK = Package of

20 cartridges = 120 pieces



FB246R

25°

FB249R

65°

FB252R

90°

FB246R-FB252R

Clipanlegezangen
large (orange)

Clip appliers

large (orange)

200 mm, 8"



LARGE

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Titan Ligaturclips und Anlegezangen

Titanium Ligating Clips and Appliers

FB



FB248R
25°

FB251R
65°

FB253R
90°

FB248R-FB253R

Clipanlegezangen
large (orange)

Clip appliers
large (orange)

280 mm, 11"

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federschere mit Flachgriff

Micro Scissors with Flat Handle

FB



165 mm, 6 1/2"

1/1

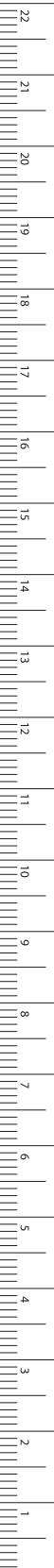


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federscheren mit Flachgriff

Micro Scissors with Flat Handle

	25°	45°	60°	90°	125°	gerade straight	aufgebogen curved on flat
Feines Blatt Fine blade	 FM470R	 FM471R	 FM472R	 FM473R	 FM474R		
Feines Blatt, 1 Blatt mit Knopf Fine blade, with 1 probe pointed blade	 FM451R	 FM452R	 FM453R	 FM454R	 FM455R		
Sehr feines Blatt Delicate blade	 FM437R	 FM438R	 FM439R	 FM440R	 FM441R	 FM442R	 FM436R
Extrem feines Blatt Ultra delicate blade	 FM431R	 FM432R	 FM433R	 FM434R	 FM435R	 FM444R	 FM430R

FB

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federschere mit Rundgriff

Micro Scissors (Spring Type) with Round Handle

FB



165 mm, 6 1/2"

1/1



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federscheren mit Rundgriff

Micro Scissors with Round Handle

25°



FM476R

Feines Blatt
Fine blade

45°



FM477R

60°



FM478R

90°



FM479R

125°



FM480R

gerade
straight

aufgebogen
curved
on flat



FM482R

Sehr feines Blatt
Delicate blade



FM483R



FM484R



FM485R



FM486R



FM488R



FM481R



FM489R

Sehr feines Blatt,
1 Blatt mit Knopf
Delicate blade,
with 1 probe
pointed blade



FM490R



FM491R



FM492R



FM493R



FM504R

Extrem feines Blatt
Ultra delicate blade



FM505R



FM506R



FM507R



FM508R



FM503R

FB



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Gefäßscheren

Micro Vascular Scissors

FB



180 mm, 7"

1/1

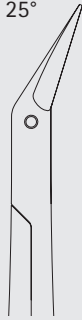


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Gefäßscheren Micro Vascular Scissors

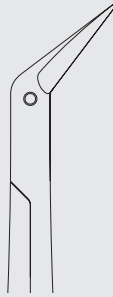
FB

25°



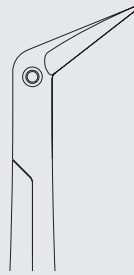
BC522R

45°



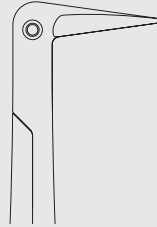
BC523R

60°



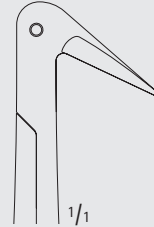
BC524R

90°



BC525R

125°



BC526R

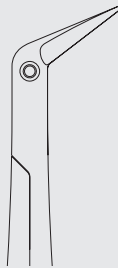
Standard Blatt
Standard blade size



BC531R



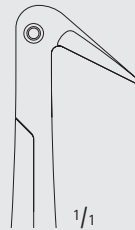
BC532R



BC533R



BC534R

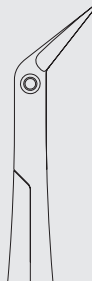


BC535R

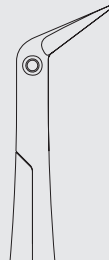
Sehr feines Blatt
Delicate blade size



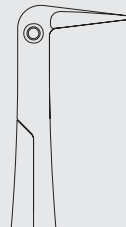
BC515R



BC516R



BC517R



BC518R



BC519R

Extrem feines Blatt
Ultra delicate blade size



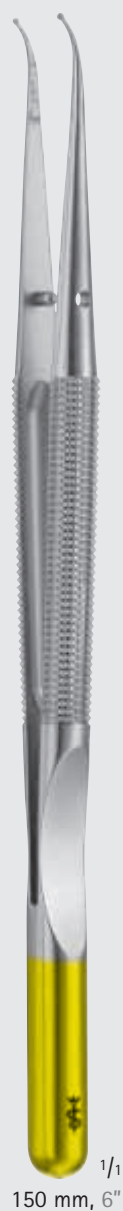
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

FB



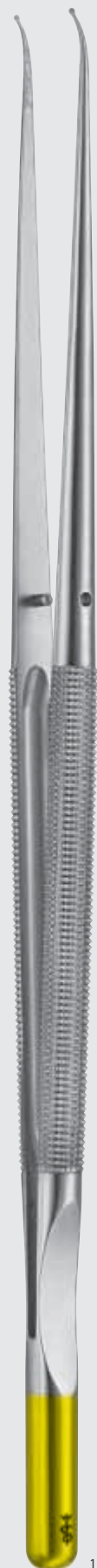
150 mm, 6"
1/1



185 mm, 7 1/4"
1/1



210 mm, 8 1/4"
1/1



230 mm, 9"
1/1



250 mm, 10"
1/1



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance

FB

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform
Jaw

Ring-Ø:
1 mm,
gerade

diam. of ring:
1 mm,
straight



Ring-Ø:
1 mm,
gebogen

diam. of ring:
1 mm,
curved



Ring-Ø:
2 mm,
gerade

diam. of ring:
2 mm,
straight



Fadenplatte,
gerade
Platform tips,
straight



Fadenplatte,
gebogen
Platform tips,
curved



1 mm,
DeBakey
Zahnung
1 mm,
DeBakey tip



Länge (mm)
Length (in.)

150 mm
6"

[FM570R](#)

[FM571R](#)

[FM578R](#)

[FM581R](#)

185 mm
7 1/4"

[FM572R](#)

[FM573R](#)

[FM579R](#)

[FM580R](#)

[FM583R](#)

[FM592R](#)

210 mm
8 1/4"

[FM574R](#)

[FM575R](#)

[FM599R](#)

[FM585R](#)

[FM600R](#)

230 mm
9"

[FM576R](#)

[FM577R](#)

250 mm
10"

[FM596R](#)

[FM595R](#)

[FM594R](#)

[FM593R](#)



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff, ohne Gewicht

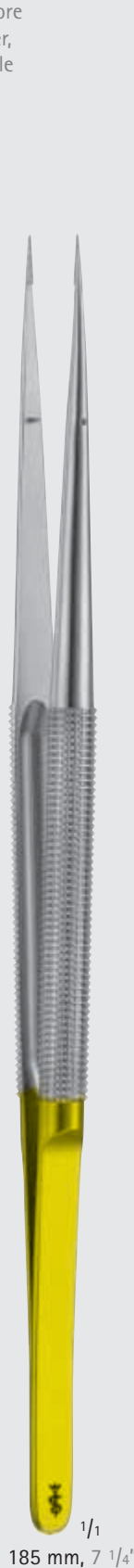
Micro Forceps with Round Handles, without Counter Balance

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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185 mm, 7 1/4"



210 mm, 8 1/4"

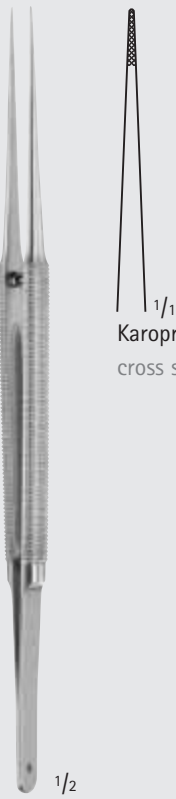


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff, ohne Gewicht

Micro Forceps with Round Handles, without Counter Balance

Maulform Jaw	Ring-Ø: 1 mm, gerade diam. of ring: 1 mm, straight	Ring-Ø: 1 mm, gebogen diam. of ring: 1 mm, curved	Ring-Ø: 1 mm mit Fadenplatte diam. of ring: 1 mm with platform tip	Fadenplatte, gerade Platform tip, straight	1 mm, DeBakey Zahnung 1 mm, DeBakey tip
					
Länge (mm) Length (in.)					
185 mm 7 1/4"	FM597R	FM587R	FM582R	FM586R	FM590R
210 mm 8 1/4"	FM598R	FM589R	FM584R	FM588R	FM591R



1/1
Karoprofil
cross serrated

1/2

FM063R

Rundgriff
round handle
200 mm, 8"

DIADUST



FM053R
Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm
180 mm
7"



FM054R
Ring-Ø: 2,5 mm
diam. of ring: 2.5 mm
200 mm
8"

FM053R-FM054R

Rundgriff
round handle

FB



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

FB



180 mm, 7" $\frac{1}{1}$



200 mm, 8" $\frac{1}{1}$



250 mm, 10" $\frac{1}{1}$



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

FB

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.

Maulform
Jaw

1 mm,
Karoprofil

1 mm,
cross serrated



1 mm,
DeBakey
Zahnung

1 mm,
DeBakey tip



Ring-Ø:
1 mm,
gerade

diam. of ring:
1 mm,
straight



Ring-Ø:
1 mm,
gebogen

diam. of ring:
1 mm,
curved



1 mm,
gerade

1 mm,
straight



Länge (mm)
Length (in.)

180 mm
7"

BD190R

BD191R

BD192R

BD193R

BD194R

200 mm
8"

BD195R

BD196R

250 mm
10"

BD197R



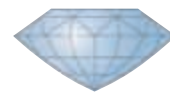
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST

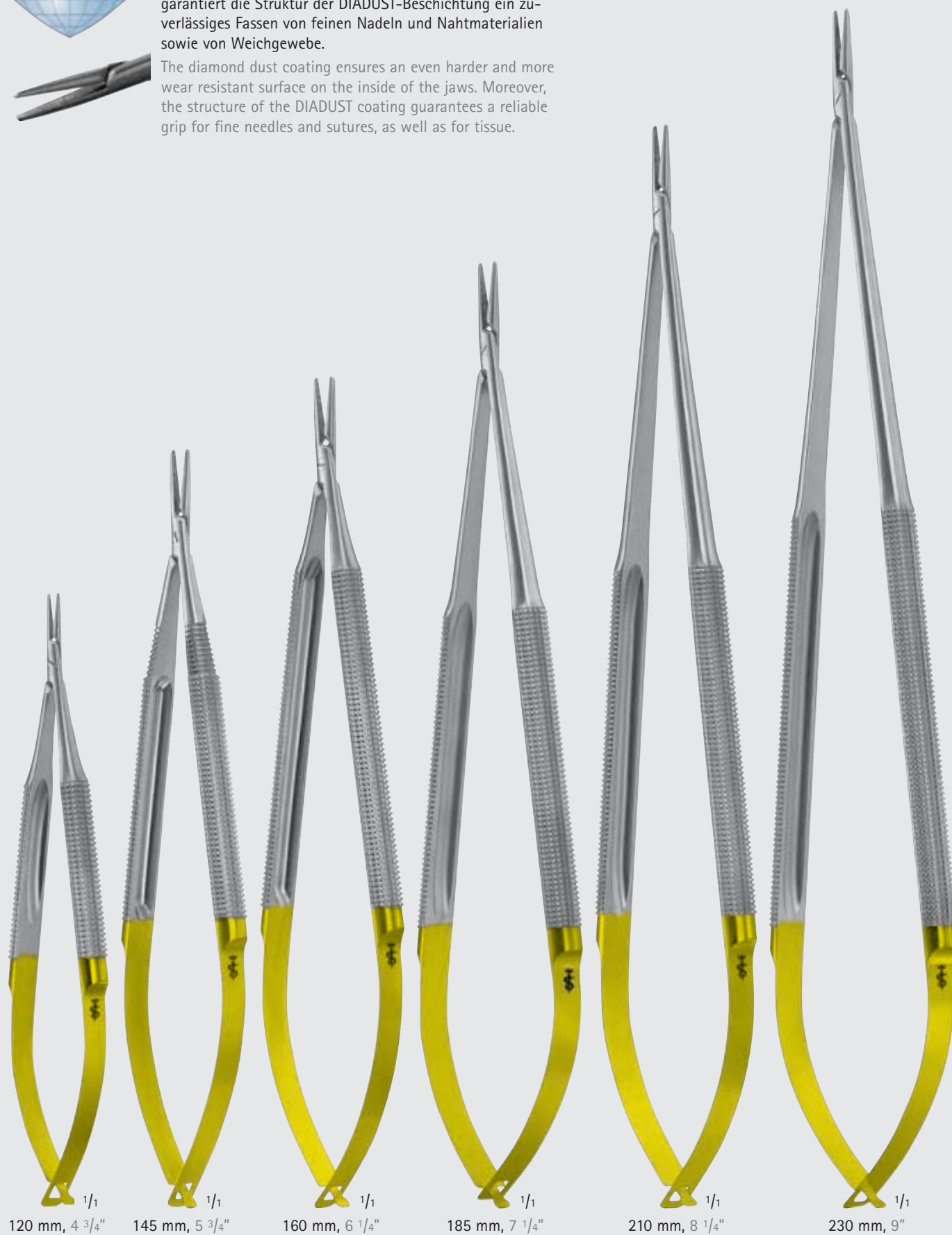


DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



120 mm, 4 ³/₄" 1/1

145 mm, 5 ³/₄" 1/1

160 mm, 6 ¹/₄" 1/1

185 mm, 7 ¹/₄" 1/1

210 mm, 8 ¹/₄" 1/1

230 mm, 9" 1/1



DIADUST

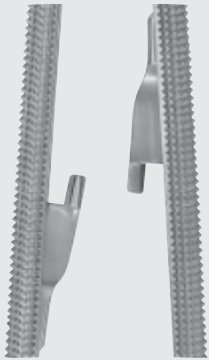


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

FB

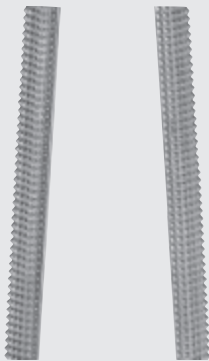


mit Sperre
with ratchet



Nahtmaterialgröße
Suture size

Länge (mm) Length (in.)	7/0 und kleiner 7/0 and smaller	5/0 und kleiner 5/0 and smaller	4/0 und kleiner 4/0 and smaller	4/0 und kleiner 4/0 and smaller
120 mm 4 3/4"	FM520R			
145 mm 5 3/4"		FM522R		
160 mm 6 1/4"	FM521R	FM523R		
185 mm 7 1/4"	FM563R	FM564R	FM218R	
210 mm 8 1/4"	FM565R	FM566R	FM228R	FM221R
230 mm 9"	FM567R	FM568R	FM230R	FM223R



ohne Sperre
without
ratchet



Nahtmaterialgröße
Suture size

Länge (mm) Length (in.)	7/0 und kleiner 7/0 and smaller	5/0 und kleiner 5/0 and smaller
120 mm 4 3/4"	FM524R	
145 mm 5 3/4"		FM528R
160 mm 6 1/4"	FM525R	FM529R
185 mm 7 1/4"	FM526R	FM530R
210 mm 8 1/4"	FM527R	FM531R
230 mm 9"	FM532R	FM533R



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



190 mm, 7 1/2"

230 mm, 9"

250 mm, 10"



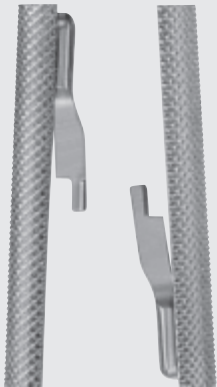
DIADUST



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle



mit Sperre,
kräftige
Ausführung
with ratchet,
heavy style

Länge (mm)
Length (in.)

190 mm
7 1/2"

230 mm
9"

250 mm
10"



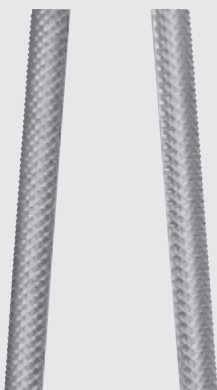
Nahtmaterialgröße
Suture size

2/0 und kleiner
2/0 and smaller

FM538R

FM539R

FM534R



ohne Sperre,
kräftige
Ausführung
without
ratchet,
heavy style

Länge (mm)
Length (in.)

190 mm
7 1/2"

230 mm
9"

250 mm
10"



Nahtmaterialgröße
Suture size

2/0 und kleiner
2/0 and smaller

FM535R

FM536R

FM537R

FB



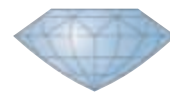
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles

DIADUST



DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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145 mm, 5 ³/₄"

170 mm, 6 ³/₄"

185 mm, 7 ¹/₄"

210 mm, 8 ¹/₄"

230 mm, 9"



DIADUST

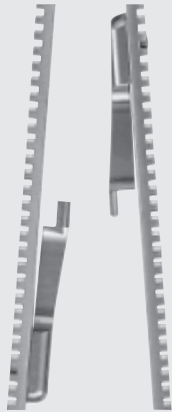


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles

FB



mit Sperre
with ratchet



Nahtmaterialgröße
Suture size

Länge (mm)
Length (in.)

7/0 und kleiner
7/0 and smaller

5/0 und kleiner
5/0 and smaller

145 mm
5 3/4"

FM541R

170 mm
6 3/4"

FM540R

185 mm
7 1/4"

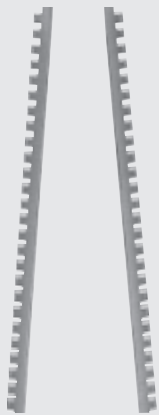
FM542R

210 mm
8 1/4"

FM543R

230 mm
9"

FM544R



ohne Sperre
without
ratchet



Nahtmaterialgröße
Suture size

Länge (mm)
Length (in.)

7/0 und kleiner
7/0 and smaller

5/0 und kleiner
5/0 and smaller

145 mm
5 3/4"

FM546R

170 mm
6 3/4"

FM545R

185 mm
7 1/4"

FM547R

210 mm
8 1/4"

FM548R

230 mm
9"

FM549R



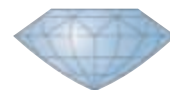
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holder with Flat Knurled Handle

DIADUST



DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



185 mm, 7 $\frac{1}{4}$ "

210 mm, 8 $\frac{1}{4}$ "

230 mm, 9"

FB





Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Knurled Handle

FB



MILLIMETERS



mit Sperre
with ratchet



Nahtmaterialgröße
Suture size

Länge (mm)
Length (in.)

5/0 und kleiner
5/0 and smaller

185 mm
7 1/4"

FM550R

210 mm
8 1/4"

FM551R

230 mm
9"

FM552R



ohne Sperre
without
ratchet



Nahtmaterialgröße
Suture size

Länge (mm)
Length (in.)

5/0 und kleiner
5/0 and smaller

185 mm
7 1/4"

FM553R

210 mm
8 1/4"

FM554R

230 mm
9"

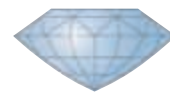
FM555R

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter

DIADUST Micro Needle Holders

DIADUST



DIADUST



Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

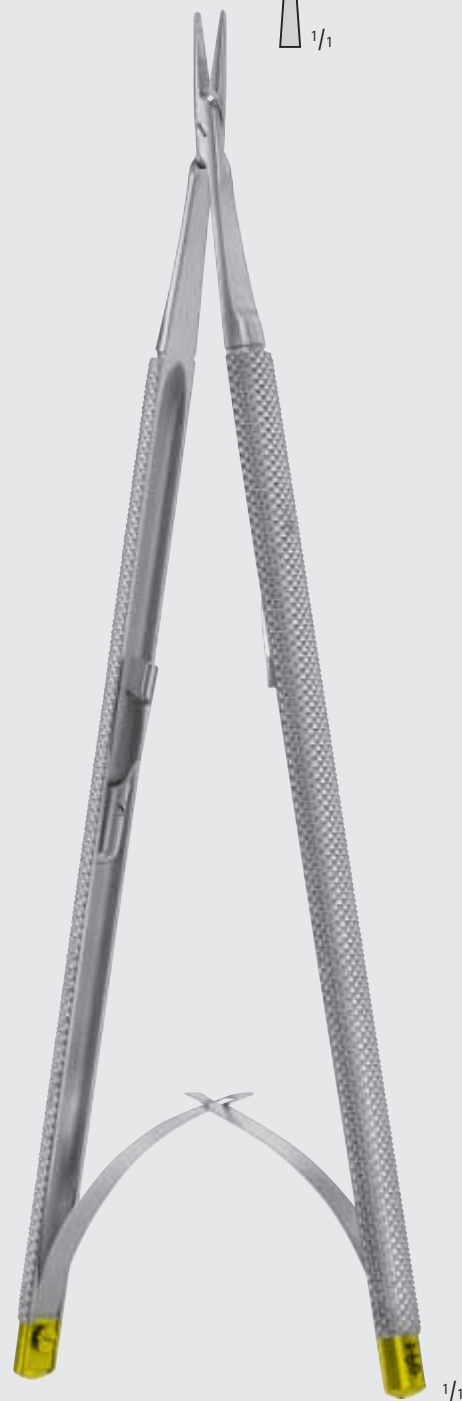
The diamond dust coating ensures an even harder and more wear resistant surface on the inside of the jaws. Moreover, the structure of the DIADUST coating guarantees a reliable grip for fine needles and sutures, as well as for tissue.



GLASSER

FM560R

Nahtmaterialgröße: 5/0 und kleiner
Suture size: 5/0 and smaller
125 mm, 5"



GLASSER

FM561R

Nahtmaterialgröße: 5/0 und kleiner
Suture size: 5/0 and smaller
180 mm, 7"

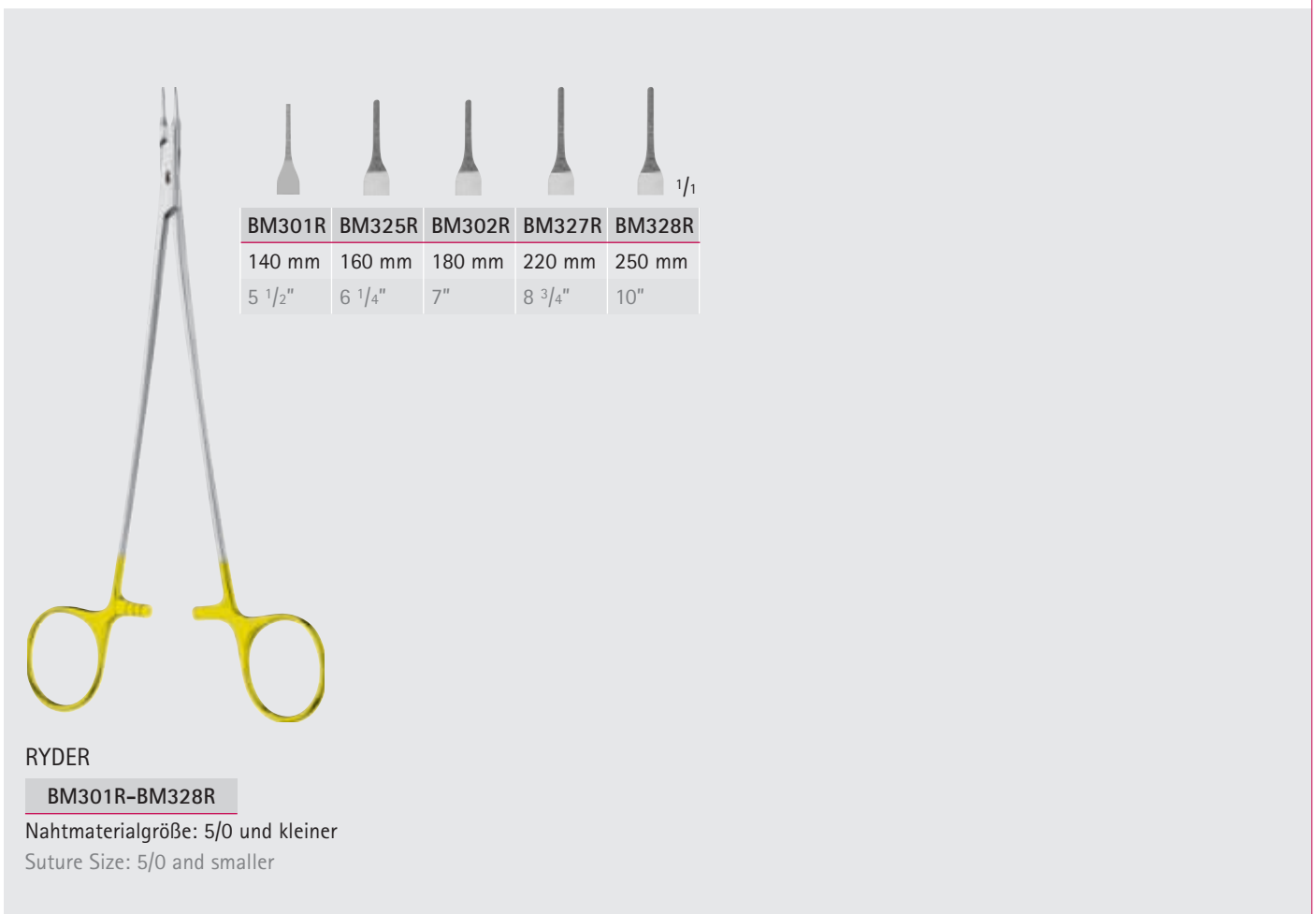
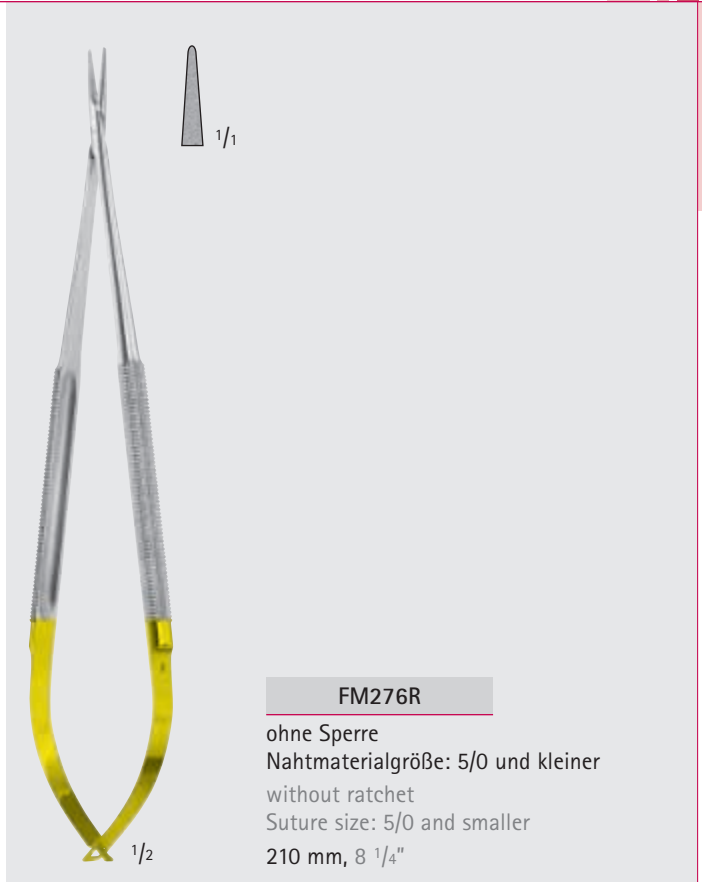
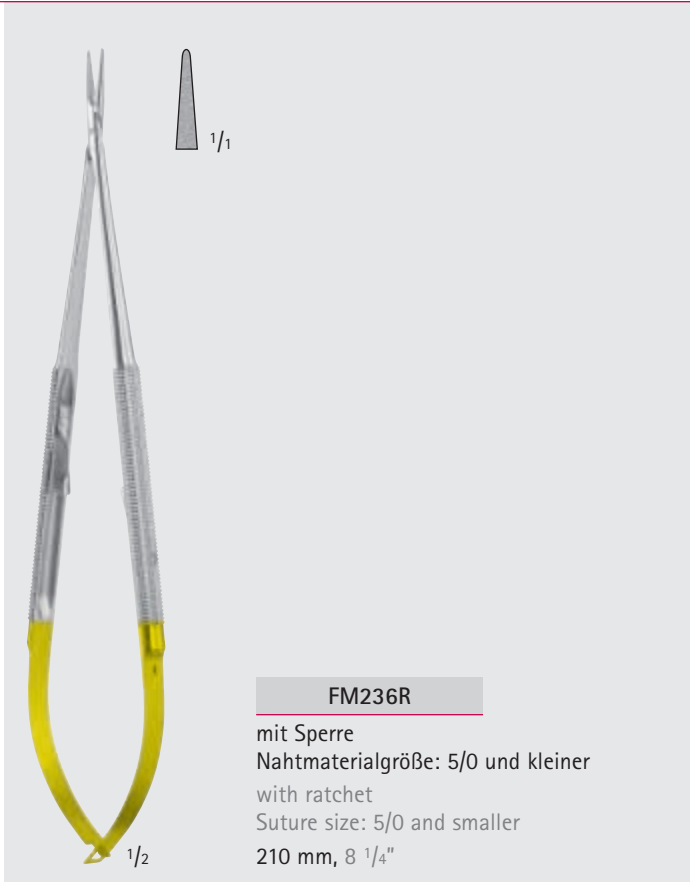


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter

DIADUST Micro Needle Holders

FB



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Spezialinstrumentarium für die Anlage von AV-Shunts bei Dialysepatienten

Instruments for Shunt Operations

Die Shunt Instrumente wurden speziell für Operationen an Gefäßen mit einem Durchmesser zwischen 4 und 6 mm entwickelt. Besonders häufig tritt dieser Gefäßdurchmesser bei der Anlage oder Revision Dialyseshunt auf. Bei den vorliegenden Instrumenten handelt es sich um eine Synthese von konventionellen Instrumenten und Mikroinstrumenten. Die Arbeitsenden wurden entsprechend dem Gefäßdurchmesser etwas größer gewählt, das Griffdesign entspricht einem Mikroinstrument um eine bessere Handhabung zu ermöglichen.

The shunt instruments were developed especially for operations on vessels that are between 4 and 6 mm in diameter.

This width is frequently found in dialysis shunt operations and re-operations. These instruments combine the features of conventional instruments and micro instruments. The working tips are larger than usual for instruments of this type, and the micro instrument style handles make the instruments better to use.



Entwickelt in Zusammenarbeit mit
Prof. Dr. med. Gottfried Müller
Caritas Krankenhaus Bad Mergentheim
Uhlandstrasse 7
97980 Bad Mergentheim

The shunt set was developed in cooperation with
Prof. Dr. med. Gottfried Müller, M.D.
Caritas Krankenhaus Bad Mergentheim
Uhlandstrasse 7
97980 Bad Mergentheim



FM042R

Mikro-Schere
Micro scissors
180 mm, 7"



FD251R-FD252R

Mikro-Scheren
Micro scissors
180 mm, 7"

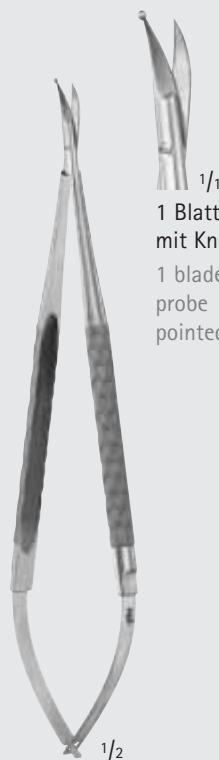


FD251R

spitz
sharp

FD252R

spitz/spitz,
1 Blatt
gezahnt
sharp/sharp,
1 blade
serrated



FM043R

Mikro-Schere
Micro scissors
180 mm, 7"



BV059R

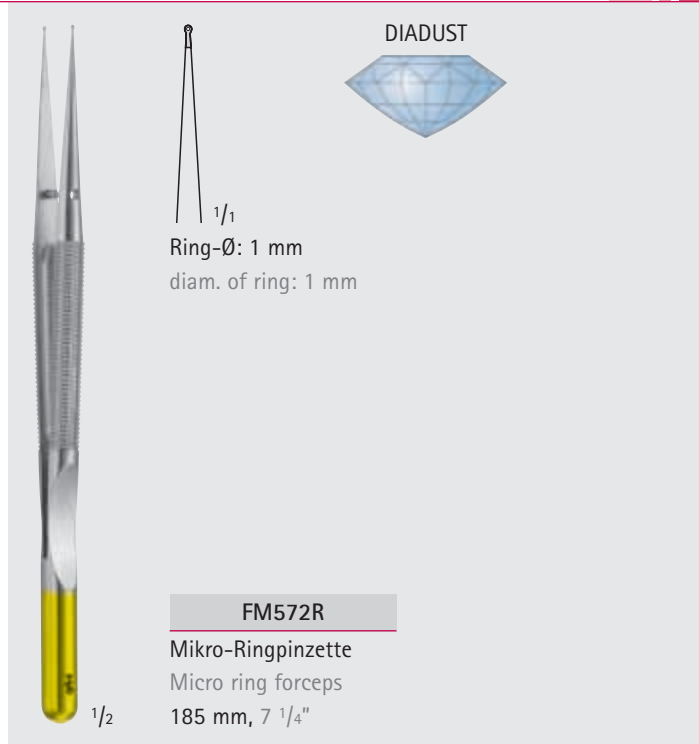
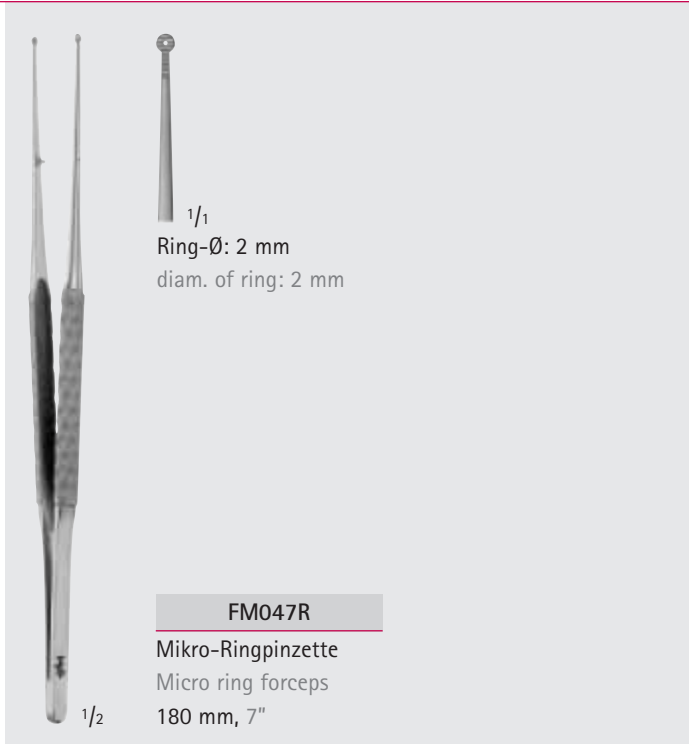
Wundspreizer
Self-retaining retractor
120 mm, 4 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Spezialinstrumentarium für die Anlage von AV-Shunts bei Dialysepatienten

Instruments for Shunt Operations

FB



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Flachgriff

Micro Needle Holders with Flat Handles

FB



BM563R



BM564R

1/2

CASTROVIEJO

BM563R-BM564R

mit Sperre
with catch

145 mm, 5 3/4"



FD076R



FD079R

1/2

FD076R-FD079R

ohne Sperre
without catch

160 mm, 6 1/4"



FD080R



FD081R

1/2

FD080R-FD081R

ohne Sperre
without catch
185 mm, 7 1/4"



FD045R

ohne Sperre
without catch



FD046R

mit Sperre
with catch

1/2

JACOBSON

FD045R-FD046R

185 mm, 7 1/4"



1/1

1/2

FD048R

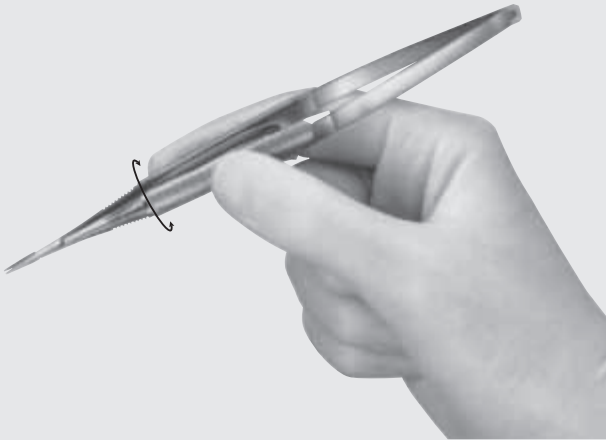
mit Sperre
with catch
200 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles



... mit Rundgriffen

- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles

- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

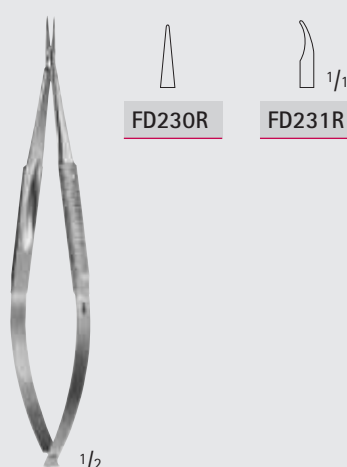
FB



BARRAQUER

BM560R-BM562R

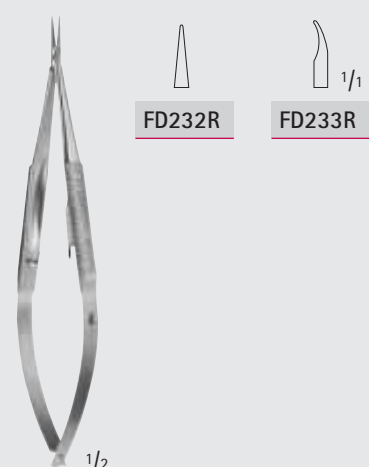
ohne Sperre
without catch



BARRAQUER

FD230R-FD231R

ohne Sperre
without catch
120 mm, 4 3/4"



BARRAQUER

FD232R-FD233R

mit Sperre
with catch
120 mm, 4 3/4"

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles

FB



FD240R



FD241R

REILL

FD240R-FD241R

ohne Sperre
without catch
150 mm, 6"



FD242R



FD243R

FD242R-FD243R

mit Sperre
with catch
150 mm, 6"



FD244R



FD245R

FD244R-FD245R

ohne Sperre
without catch
185 mm, 7 1/4"



FD246R



FD247R

FD246R-FD247R

mit Sperre
with catch
185 mm, 7 1/4"



FM398R

ohne Sperre
without catch



FM392R

mit Sperre
with catch

FM398R-FM392R

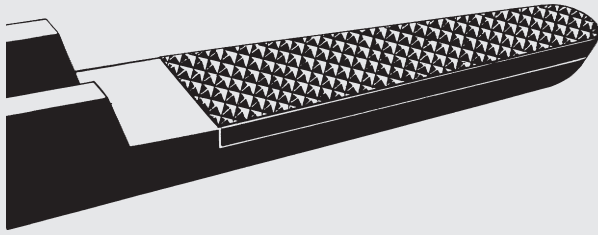


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Mikro-Nadelhalter

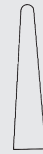
DUROGRIP® Micro Needle Holders

FB



AESCULAP-Nadelhalter sind durch die Struktur der Hartmetall-Maulteile auf das jeweilige, indikationsbezogene Nahtmaterial abgestimmt. Eine glatte Maulfläche sowie 3 verschiedene Haftprofile garantieren den sicheren „Griff“ der jeweiligen Nadel.

AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip“ of the resp. needle.



glatt
smooth



0,2



0,4



0,5

Wir empfehlen Hartmetall-Maulteile
mit glatter Fläche für Nahtmaterial
mit Teilung 0,2 mm für Nahtmaterial
0,4 mm
0,5 mm

9/0 – 11/0
6/0 – 10/0
4/0 – 6/0
bis 3/0

We recommend carbide inserts
with smooth jaw surface for suture material
with 0.2 mm pitch of serration for suture material
0.4 mm
0.5 mm

9/0 – 11/0
6/0 – 10/0
4/0 – 6/0
up to 3/0



DUROGRIP®-Nadelhalter mit Hartmetall-Plättchen
Kennzeichnung:

Vergoldete Ringe, Branchenenden und Sperren

DUROGRIP® Needle Holders with carbide inserts

Identification:

gold-plated rings, handle ends and ratchets



mit glattem Maul
with smooth jaw

1/2

CASTROVIEJO

BM001R

145 mm, 5 3/4"



0,2

1/2

CASTROVIEJO

BM002R

145 mm, 5 3/4"



0,4

1/2

BM003R

170 mm, 6 3/4"

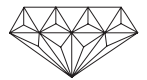


MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Mikro-Nadelhalter

DUROGRIP® Micro Needle Holders



FB



CASTROVIEJO

BM004R

180 mm, 7"



CASTROVIEJO

BM005R

215 mm, 8 1/2"



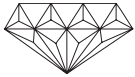
FM388R

mit Sperre
with catch
180 mm, 7"



FM390R

mit Sperre
with catch
200 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter, ergonomische Griff-Form

DUROGRIP® Nadelhalter, Ergonomic Handle

Diese Instrumente bieten dem Chirurgen ein Maximum an ergonomischem Komfort. Das optimierte Design der Instrumente ermöglicht ein ermüdungsfreies Arbeiten insbesondere bei schwierigen Naht- und Anastomostechiken.

These instruments provide the surgeon with a maximum of ergonomical comfort. The optimized design of the Instruments offers a fatigue-free working especially with regard to difficult suture and anastomosis techniques.

FB



HELLBERG-KUPKA

BM320R

mit Anreichsperre
with locking ratchet
210 mm, 8 1/4"



REIN-KUPKA

BM310R

ohne Sperre
without ratchet
190 mm, 7 1/2"



REIN-KUPKA

BM311R

mit Sperre
with ratchet
190 mm, 7 1/2"

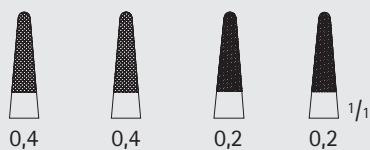
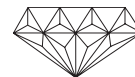


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

»grazil«



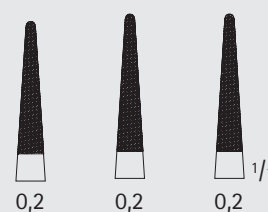
BM033R	BM034R	BM063R	BM064R
165 mm	210 mm	165 mm	210 mm
6 1/2"	8 1/4"	6 1/2"	8 1/4"

DE BAKEY

BM033R-BM064R

sehr fein

very delicate

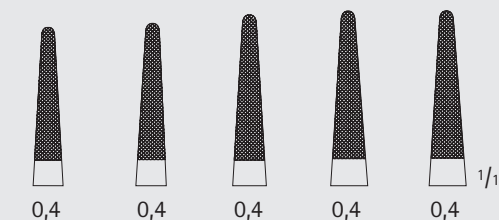


BM025R	BM026R	BM027R
180 mm	200 mm	230 mm
7"	8"	9"

BM025R-BM027R

sehr fein

very delicate

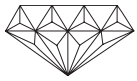


BM032R	BM035R	BM036R	BM037R	BM038R
150 mm	180 mm	230 mm	250 mm	305 mm
6"	7"	9"	10"	12"

DE BAKEY

BM032R-BM038R

1/2



»grazil«

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter
DUROGRIP® Needle Holders

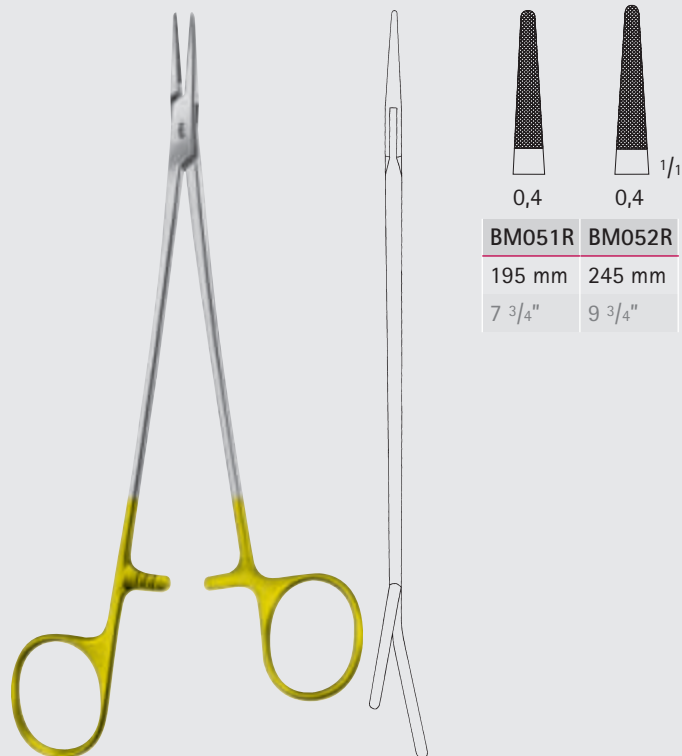
FB



DE BAKEY

BM040R

schlankes Modell
slender pattern
305 mm, 12"



DE BAKEY

BM051R-BM052R

Ringe griffgünstig abgesetzt
und gebogen
one extended handle and curved
rings ensure optimum grip

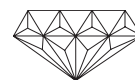


MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.



		
BM074R	BM075R	BM076R
150 mm	180 mm	230 mm
6"	7"	9"

RYDER

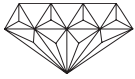
BM074R-BM076R

mit glattem Maul
with smooth jaws



BM184R

200 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

Diese Spezialmodelle mit extra schmalen Mäulern eignen sich für atraumatische Nadeln und für feine Gefäßnadeln.

These special patterns with extremely fine jaws are suitable for holding non-traumatic needles and fine vein needles.

FB

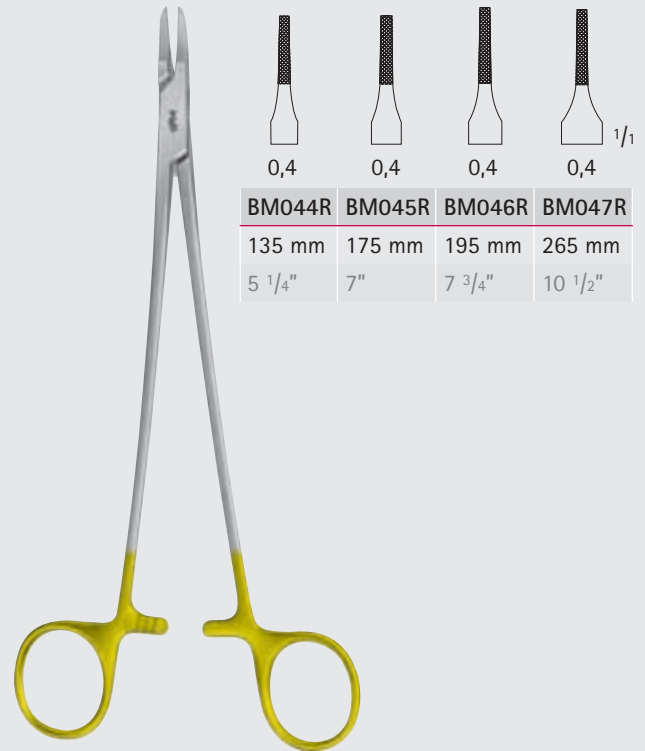
»grazil«



RYDER

BM054R-BM058R

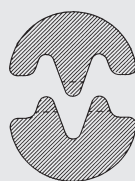
sehr fein
very delicate



RYDER

BM044R-BM047R

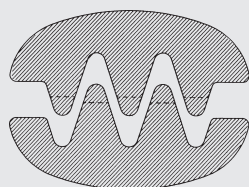




DE BAKKY

1 : 2 Zahnreihen

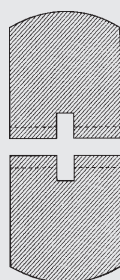
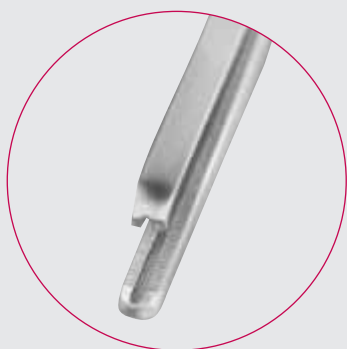
1 : 2 rows of teeth



DE BAKKY

2 : 3 Zahnreihen

2 : 3 rows of teeth



COOLEY

2 : 2 Zahnreihen

2 : 2 rows of teeth





DE BAKEY Zahnung



Toothing DE BAKEY

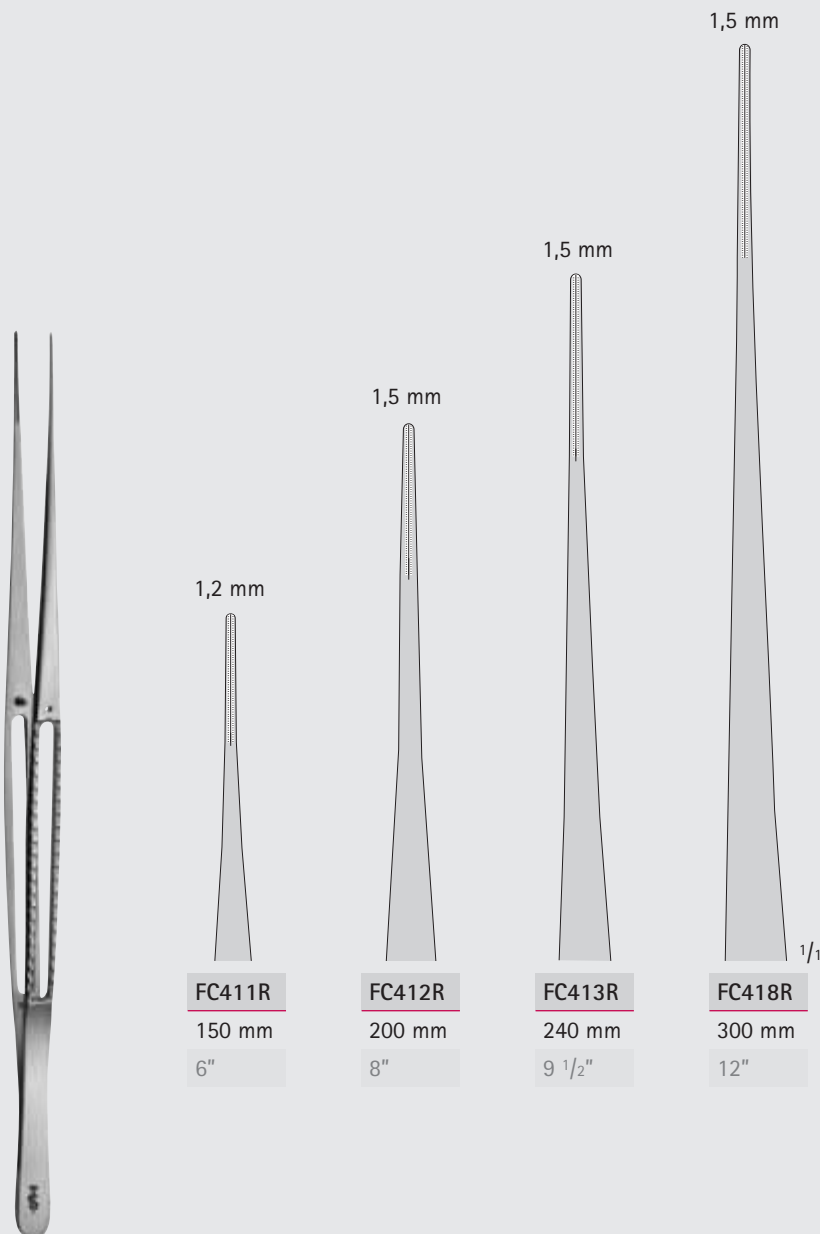
TRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Ultra-Light-Pinzetten

Ultra-Light-Forceps

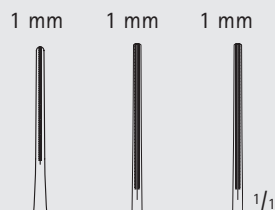
FB



DE BAKEY

FC411R-FC418R

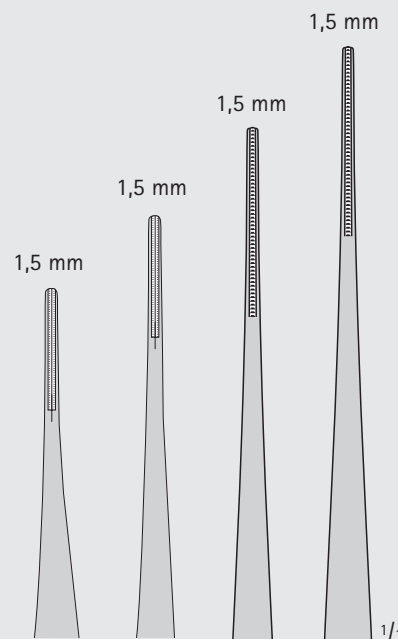




FB394R	FB395R	FB396R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

DE BAKEY

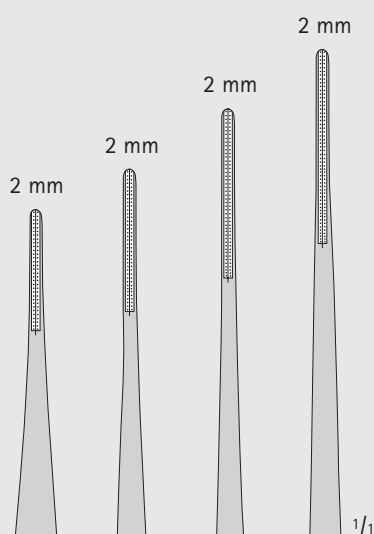
FB394R-FB396R



FB411R	FB412R	FB418R	FB419R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

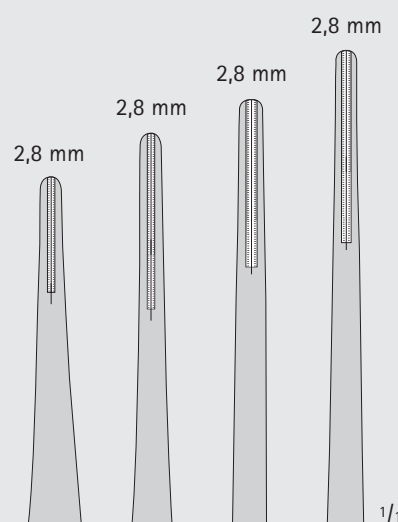
FB411R-FB419R



FB400R	FB402R	FB404R	FB405R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB400R-FB405R



FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB414R-FB417R



DE BAKEY Zahnung



Toothing DE BAKEY

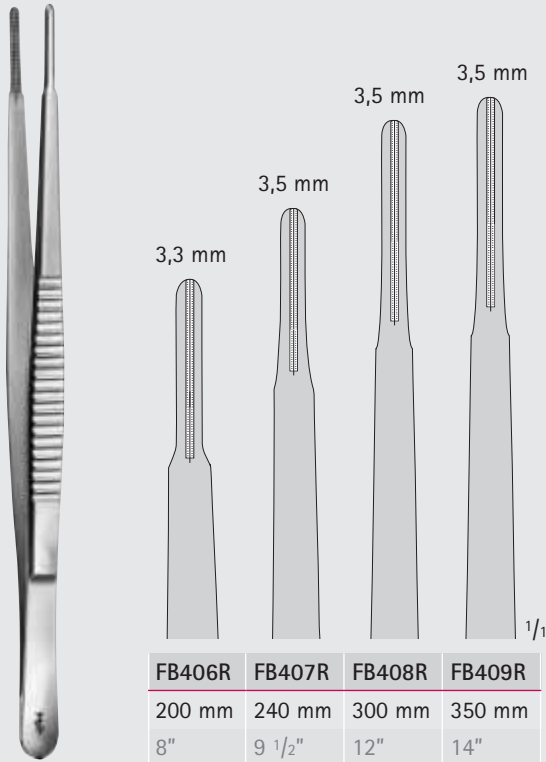
AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Pinzetten

Forceps

FB



FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

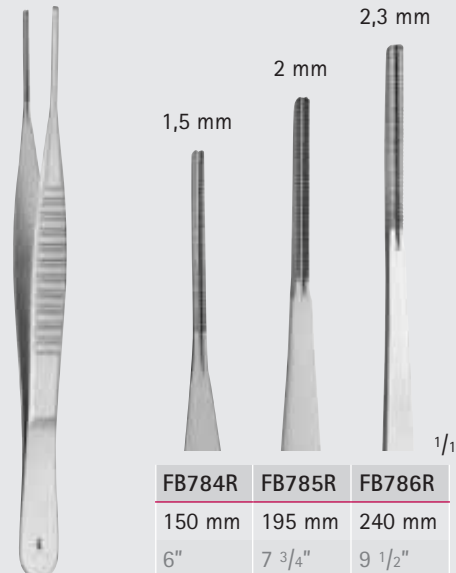
DE BAKEY

FB406R-FB409R

COOLEY Zahnung



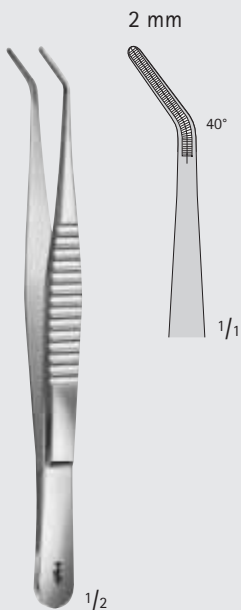
Toothing COOLEY



FB784R	FB785R	FB786R
150 mm	195 mm	240 mm
6"	7 3/4"	9 1/2"

COOLEY

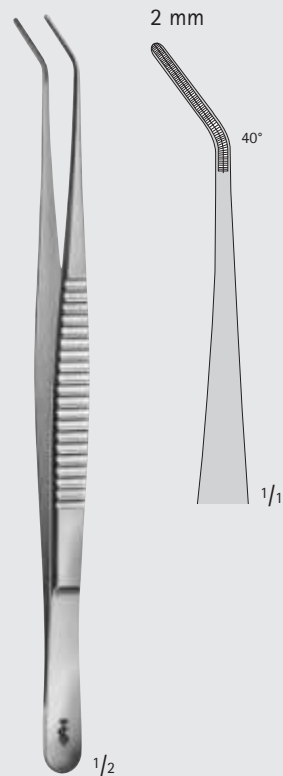
FB784R-FB786R



DE BAKEY

FB401R

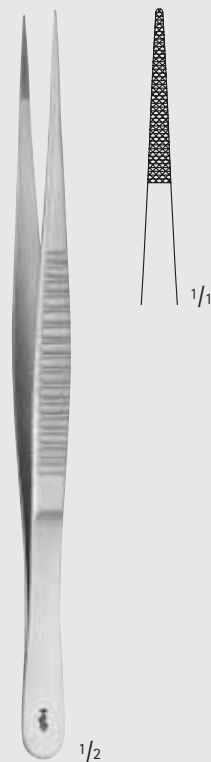
150 mm, 6"



DE BAKEY

FB403R

200 mm, 8"



COOLEY

BD250R

200 mm, 8"





Gefäßclips nach MÜLLER

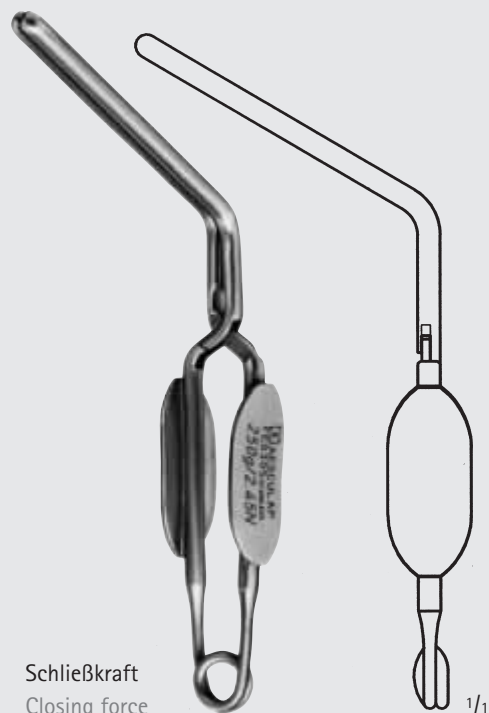
Merkmale:

- Atraumatisches Maulprofil
- Beidseitig angebrachte Griffplateaus zum sicheren Anlegen und Abnehmen des Clips.
- Exakt definierter Schließdruck für arterielle und venöse Gefäße.
- Gefäßclips eindeutig mit Schließdruck gekennzeichnet.
- Geschlossener Maulkasten zur sicheren Maulführung. Kein ungewolltes Verfangen des Fadens möglich.

MÜLLER Vascular Clips

Features:

- Atraumatic mouth profile
- Handle plateau mounted on both sides for secure application and removal of the clip.
- Exactly defined closing pressure for arterial and venous vessels.
- Vascular clips are clearly marked with closing pressure.
- Closed mouth box guarantees precise guidance of the working tips. No risk of threads getting tangled up in clip.



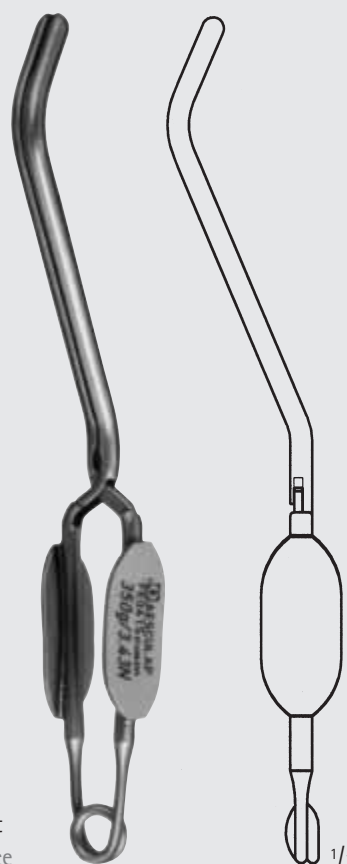
Schließkraft
Closing force

MÜLLER

250 g FE030S

350 g FE040S

gerade
straight



Schließkraft
Closing force

MÜLLER

250 g FE031S

350 g FE041S

gebogen
curved



DE BAKEY Zahnung

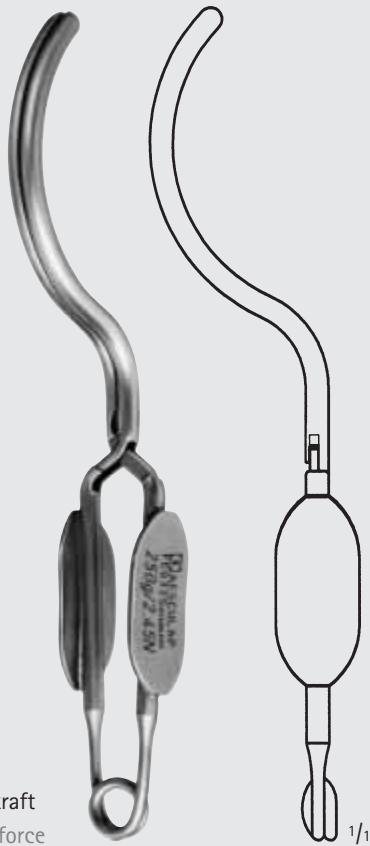


Toothing DE BAKEY

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßclips
Vascular Clips

FB



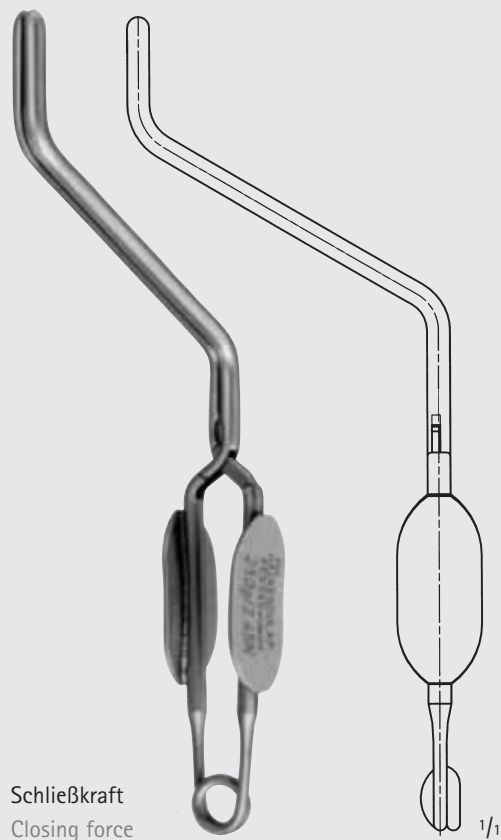
Schließkraft
Closing force

MÜLLER

250 g FE032S

350 g FE042S

Spitze gebogen
curved tips



Schließkraft
Closing force

MÜLLER

250 g FE034S

350 g FE044S

kniegebogen
knee-bent



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen

Bulldog Clamps



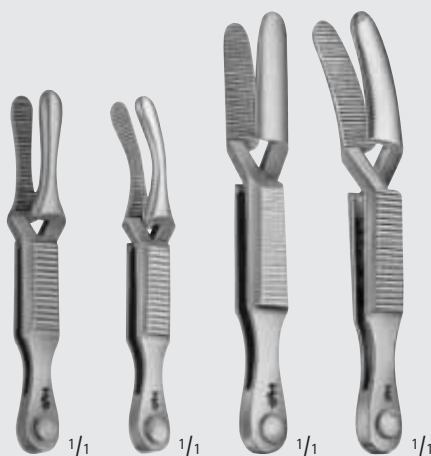
JOHNS-HOPKINS

BH018R

Zange zum Anlegen und Abnehmen der Bulldogklemmen BH011R - BH031R und FB420R - FB427R

Forceps for applying and removing bulldog clamps BH011R - BH031R and FB420R - FB427R

240 mm, 9 3/4"



BH020R

BH021R

BH026R

BH027R

BH022R

BH023R

DIEFFENBACH

Gesamtlänge: Maullänge:

Total length: Jaw length:

BH020R	38 mm, 1 1/2"	12 mm, 1/2"
BH022R	48 mm, 2"	16 mm, 5/8"
BH021R	38 mm, 1 1/2"	12 mm, 1/2"
BH023R	48 mm, 2"	16 mm, 5/8"
BH026R	58 mm, 2 1/8"	16 mm, 5/8"
BH027R	58 mm, 2 1/8"	16 mm, 5/8"



BH011R-BH017R

JOHNS-HOPKINS

Gesamtlänge: Maullänge:

Total length: Jaw length:

BH011R	38 mm, 1 1/2"	12 mm, 1/2"
BH012R	48 mm, 2"	17 mm, 5/8"
BH013R	56 mm, 2 1/8"	25 mm, 1"
BH014R	63 mm, 2 1/2"	30 mm, 1 3/16"
BH015R	70 mm, 2 3/4"	33 mm, 1 1/4"
BH016R	80 mm, 3 1/8"	42 mm, 1 3/4"
BH017R	91 mm, 3 1/2"	52 mm, 2"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen

Bulldog Clamps

FB



1/1

DE BAKEY-HESS

BH030R

Gesamtlänge: 34 mm
Total length: 1 3/8"
Maullänge: 20 mm
Jaw length: 3/4"



FB328R

Gesamtlänge: 35 mm
Total length: 1 3/8"
Maullänge: 14 mm
Jaw length: 1/2"



FB329R

Gesamtlänge: 35 mm
Total length: 1 3/8"
Maullänge: 14 mm
Jaw length: 1/2"



FB330R

Gesamtlänge: 45 mm
Total length: 1 3/4"
Maullänge: 19 mm
Jaw length: 3/4"



1/1

FB331R

Gesamtlänge: 45 mm
Total length: 1 3/4"
Maullänge: 19 mm
Jaw length: 3/4"



1/1

DE BAKEY-HESS

BH031R

Gesamtlänge: 43 mm
Total length: 1 7/10"
Maullänge: 30 mm
Jaw length: 1 3/16"



DIETRICH

MB285R

Gesamtlänge: 55 mm
Total length: 2 1/8"
Maullänge: 13 mm
Jaw length: 1/2"



DIETRICH

BH032R

Gesamtlänge: 48 mm
Total length: 1 7/8"
Maullänge: 10 mm
Jaw length: 3/8"



1/1

DIETRICH

BH034R

Gesamtlänge: 48 mm
Total length: 1 7/8"
Maullänge: 13 mm
Jaw length: 1/2"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen

Bulldog Clamps

DE BAKEY Zahnung



Toothing DE BAKEY

ARAUMATA®

Mini-Bulldogklemmen

Schließdruck 180 g

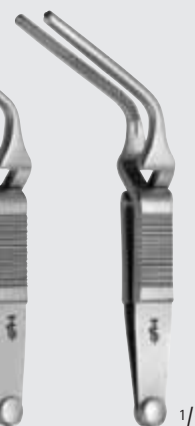
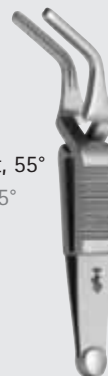
Mini-bulldog clamps

Closing force 180 g

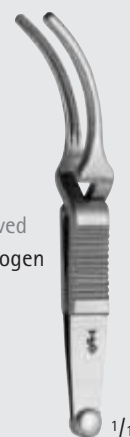
gerade
straight



gewinkelt, 55°
angled, 55°



curved
gebogen



FB362R

FB364R

FB366R

FB363R

FB365R

FB367R

FB369R

Gesamtlänge: 50 mm

55 mm

60 mm

50 mm

50 mm

55 mm

55 mm

Total length: 2"

2 1/8"

2 3/8"

2"

2"

2 1/8"

2 1/8"

Maullänge: 10 mm

14 mm

20 mm

10 mm

14 mm

20 mm

20 mm

Jaw length: 3/8"

1/2"

3/4"

3/8"

1/2"

3/4"

3/4"



DE BAKEY

DE BAKEY

GLOVER

DE BAKEY

DE BAKEY

DE BAKEY

FB352R

FB353R

FB431R

FB357R

FB358R

FB359R

Gesamtlänge: 50 mm

48 mm

52 mm

73 mm

99 mm

95 mm

Total length: 2"

2"

2"

2 3/4"

4"

3 1/2"

Maullänge: 27 mm

27 mm

35 mm

38 mm

63 mm

54 mm

Jaw length: 1 1/8"

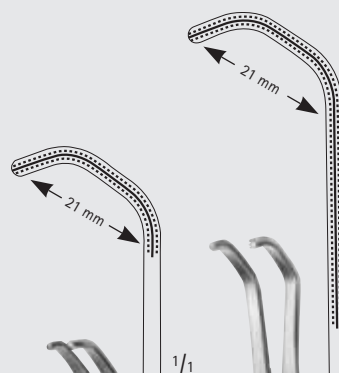
1 1/8"

1 1/3"

1 1/2"

2 1/2"

2 1/8"



1/1

1/1

1/2

1/1



DE BAKEY Zahnung



Toothing DE BAKEY

AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen

Bulldog Clamps

FB



DE BAKEY

FB420R

Gesamtlänge: 80 mm

Total length: 3 1/8"

Maullänge: 25 mm

Length of jaw: 1"

DE BAKEY

FB422R

90 mm

3 1/2"

35 mm

1 3/8"

DE BAKEY

FB424R

105 mm

4 1/8"

50 mm

2"

DE BAKEY

FB426R

124 mm

5"

68 mm

2 3/4"



DE BAKEY

FB421R

78 mm

3 1/8"

23 mm

1"

DE BAKEY

FB423R

86 mm

3 3/8"

31 mm

1 1/8"

DE BAKEY

FB425R

97 mm

3 3/4"

42 mm

1 3/4"

DE BAKEY

FB427R

114 mm

4 1/2"

58 mm

2 3/8"



GLOVER

FB432R

Gesamtlänge: 68 mm

Total length: 2 3/4"

Maullänge: 33 mm

Length of jaw: 1 3/8"

GLOVER

FB434R

96 mm

3 3/4"

50 mm

2"

GLOVER

FB436R

117 mm

4 3/4"

69 mm

2 3/4"



GLOVER

FB433R

65 mm

2 1/2"

33 mm

1 3/8"

GLOVER

FB435R

91 mm

3 1/2"

50 mm

2"

GLOVER

FB437R

110 mm

4 3/8"

69 mm

2 3/4"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen mit Ringgriffen

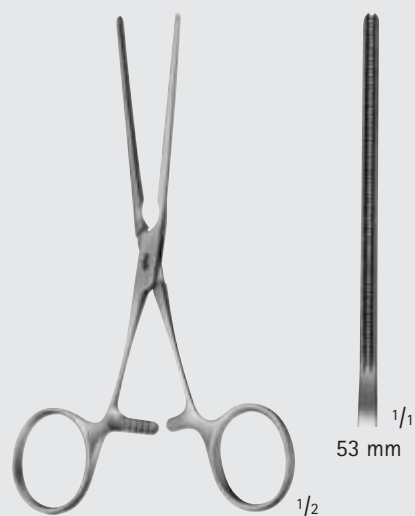
Ring Handle Bulldog Clamps

DE BAKEY Zahnung



Toothing DE BAKEY

TRAUMATA®



DE BAKEY

FB540R

gerade

straight

130 mm, 5 1/8"



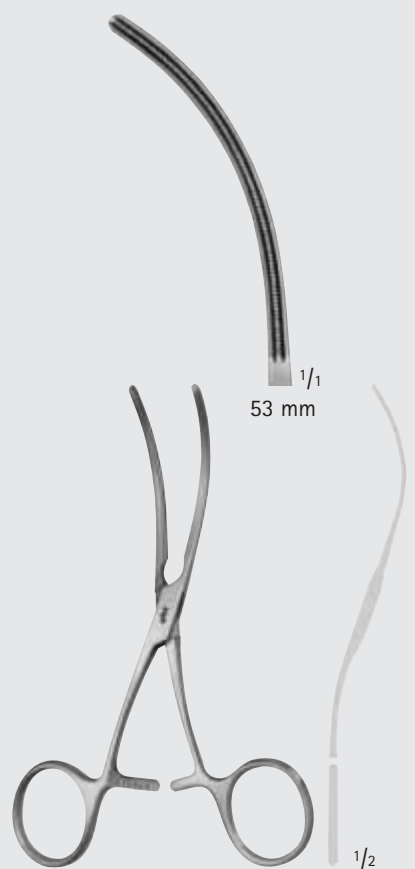
DE BAKEY

FB541R

Maul gebogen

curved jaws

125 mm, 5"



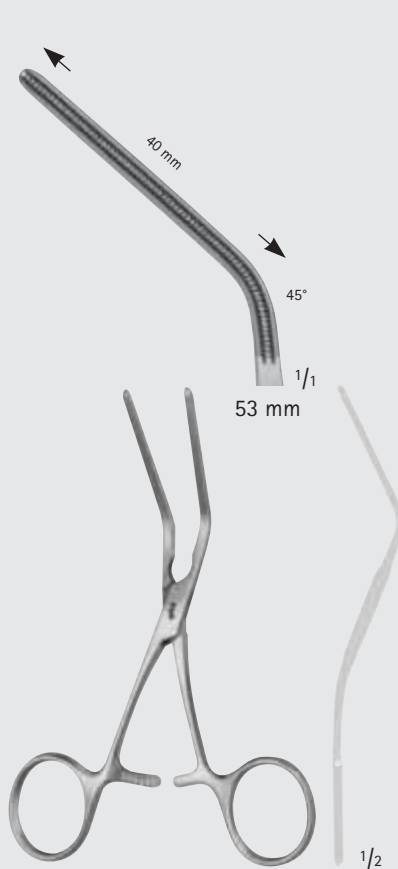
DE BAKEY

FB542R

S-förmig

S-shaped

125 mm, 5"



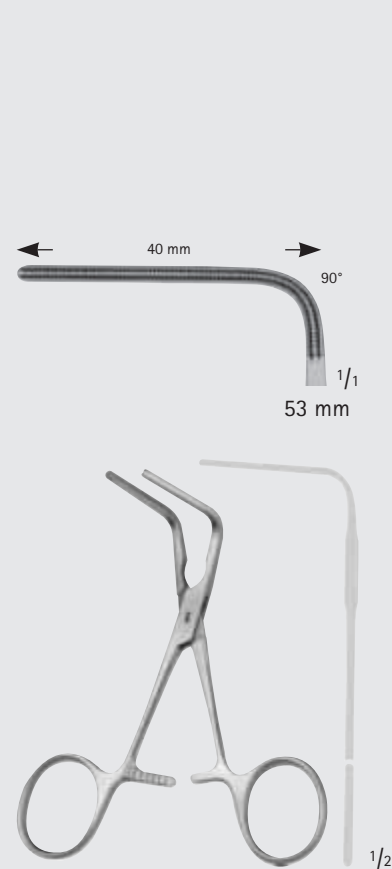
DE BAKEY

FB543R

45° winklig gebogen

angled 45°

125 mm, 5"



DE BAKEY

FB544R

90° winklig gebogen

angled 90°

105 mm, 4 1/8"



DE BAKEY Zahnung



Toothing DE BAKEY

AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosen-, Mehrzweckklemmen für Neugeborene
Anastomosis-, Multi-Purpose-Clamps for Neonatales

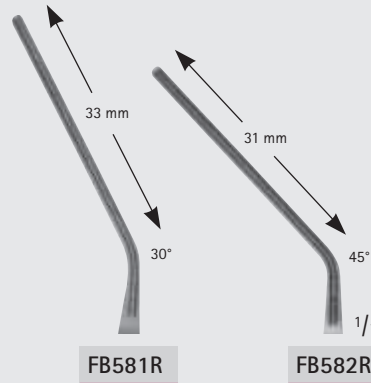
FB



CASTANEDA

FB581R-FB582R

120 mm, 4 3/4"



FB581R

FB582R



CASTANEDA

FB590R-FB593R

155 mm, 6"



FB590R

48 mm

FB591R

52 mm

FB592R

56 mm

FB593R

50 mm



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosen- und Mehrzweckklemmen – Kinder-Modelle

Anastomosis- and Multi-Purpose-Clamps – Pediatric Patterns

TRAUMATA®

DE BAKEY Zahnung



Toothing DE BAKEY



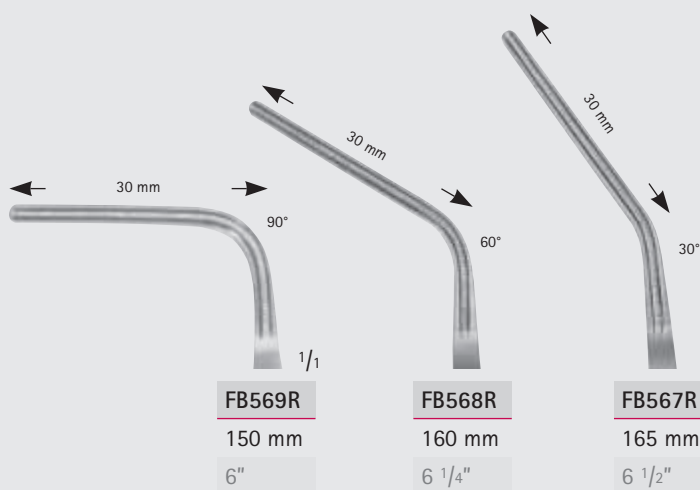
DE BAKEY

FB557R-FB558R



COOLEY

FB567R-FB569R





DE BAKEY Zahnung



Toothing DE BAKEY

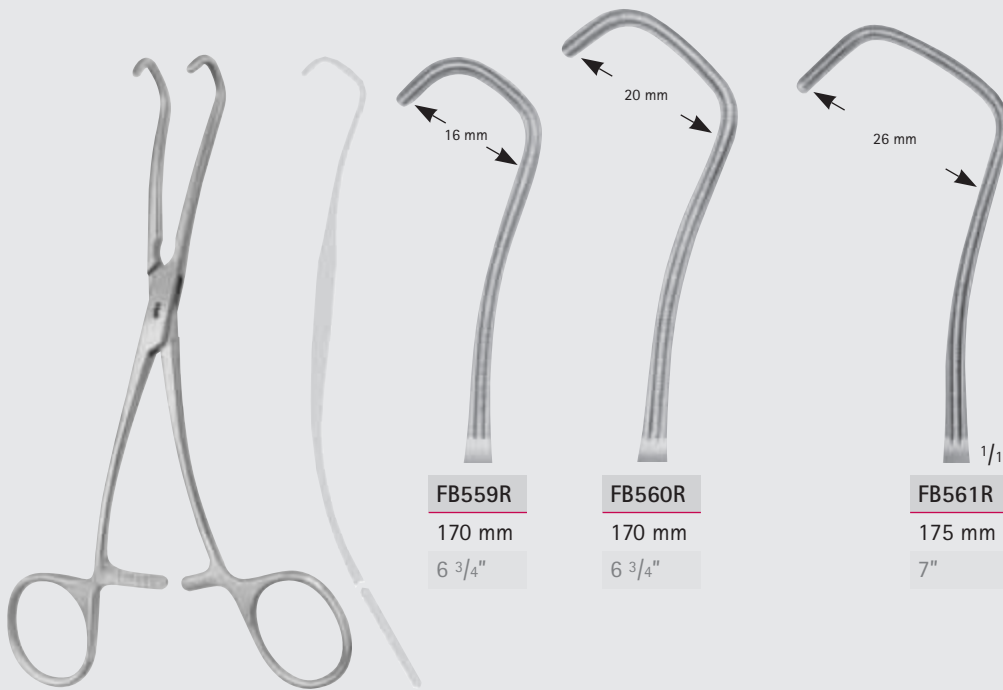
AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosen-, Mehrzweckklemmen – Kinder-Modelle

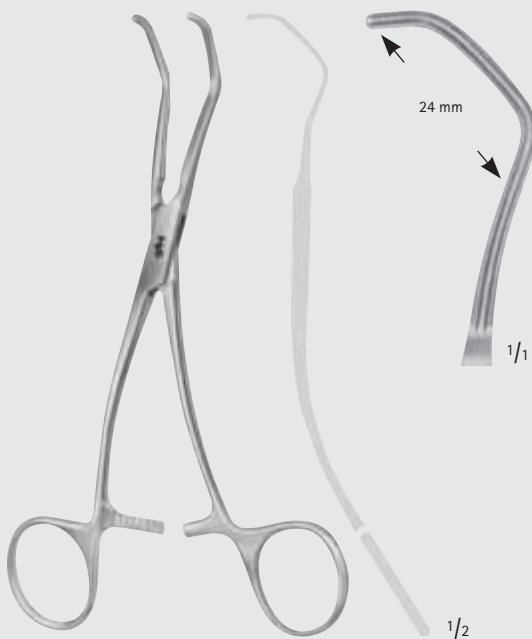
Anastomosis-, Multi-Purpose-Clamps – Pediatric Patterns

FB



DERRA

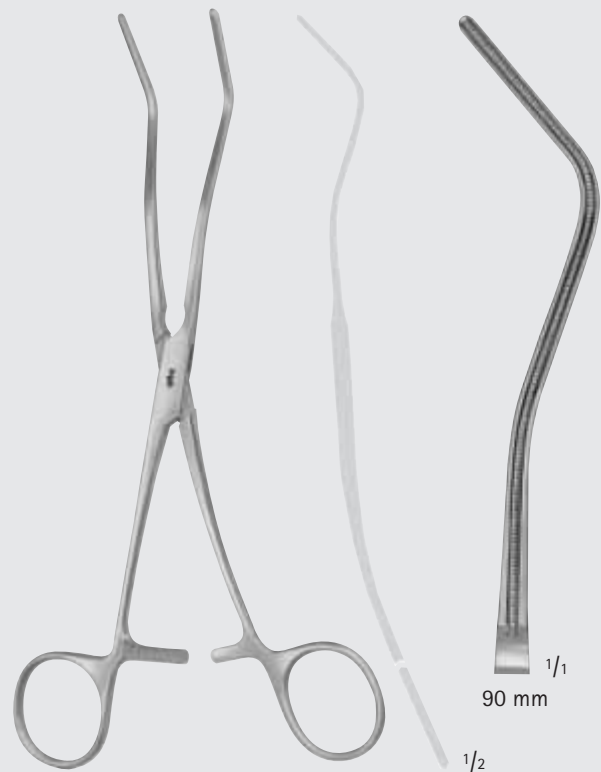
FB559R-FB561R



COOLEY

FB563R

160 mm, 6 1/4"



COOLEY

FB570R

200 mm, 8"





FB440R	FB441R
20 mm	20 mm

FB440R-FB441R

Mosquitoklemmen

Mosquito Forceps

125 mm, 5"



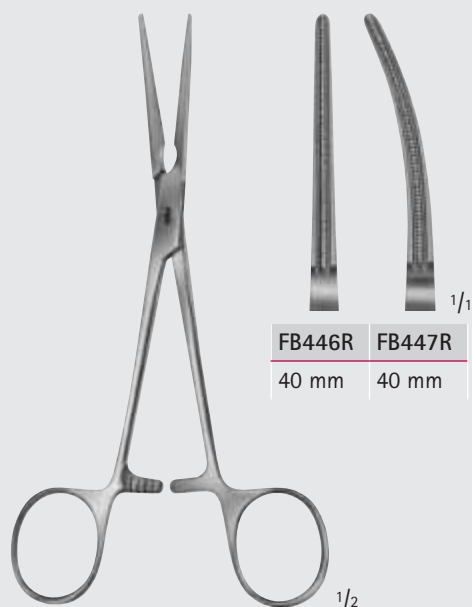
FB442R	FB443R
27 mm	27 mm

FB442R-FB443R

Mosquitoklemmen

Mosquito forceps

165 mm, 6 1/2"

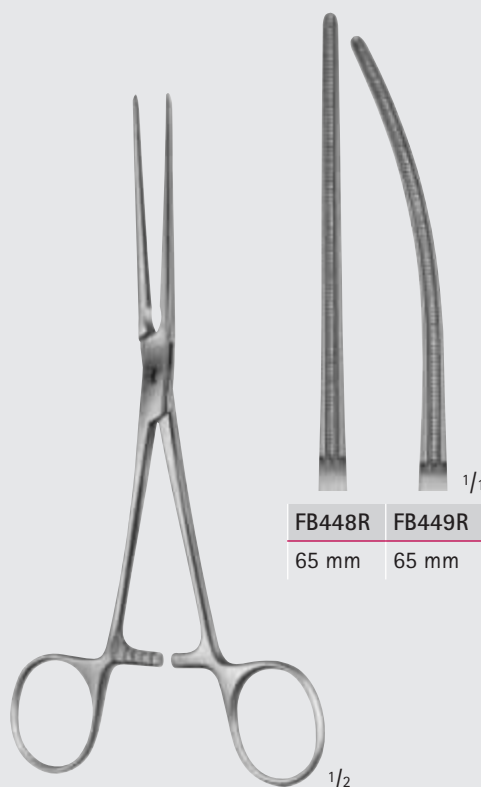


FB446R	FB447R
40 mm	40 mm

DE BAKEY-BAINBRIDGE

FB446R-FB447R

155 mm, 6"



FB448R	FB449R
65 mm	65 mm

DE BAKEY-BAINBRIDGE

FB448R-FB449R

180 mm, 7"



DE BAKEY Zahnung



Toothing DE BAKEY

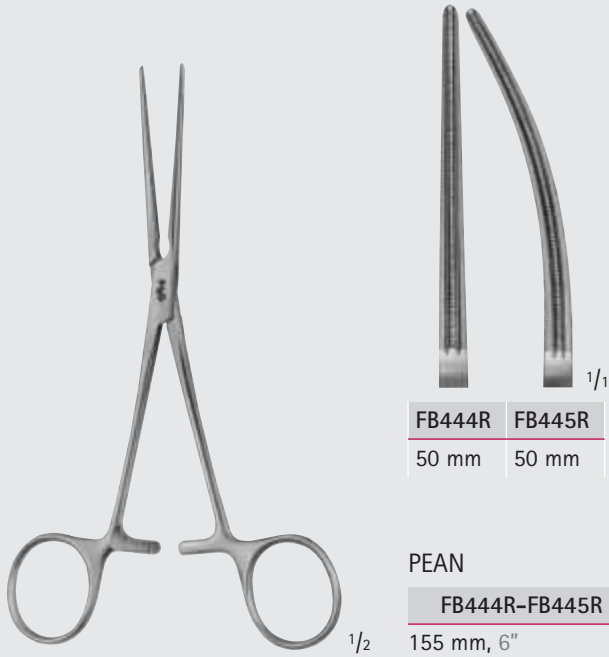
AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen

Hemostatic Forceps

FB



FB444R	FB445R
50 mm	50 mm

PEAN

FB444R-FB445R
155 mm, 6"



FB526R	FB532R	FB534R
60 mm	89 mm	99 mm
200 mm	265 mm	280 mm
8"	10 1/2"	11"

FB527R	FB533R	FB535R
60 mm	89 mm	99 mm
200 mm	260 mm	275 mm
8"	10 1/4"	10 3/4"

DE BAKEY-PEAN

FB526R-FB535R



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Klemmen für Nieren- und Pankreaseingriffe

Kidney and Pankreas Clamps

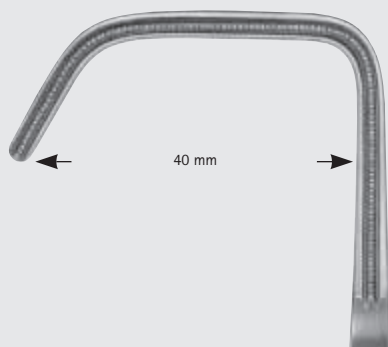
DE BAKEY Zahnung



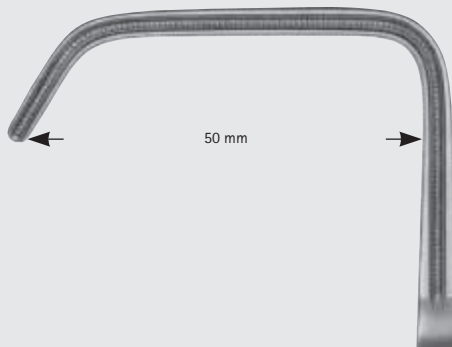
Toothings DE BAKEY

ARAUMATA®

FB



FB528R



FB529R



HOPT



FB530R

FB528R	230 mm	9"
FB529R	235 mm	9 1/4"
FB530R	245 mm	9 3/4"



DE BAKEY Zahnung



Toothing DE BAKEY

AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen

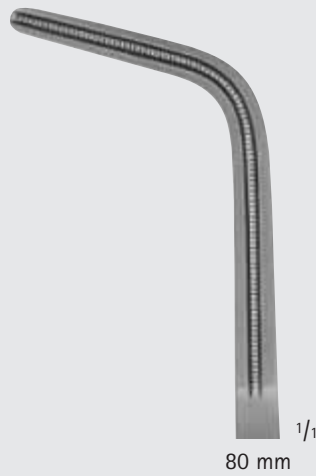
Dissecting- and Ligature Forceps

FB

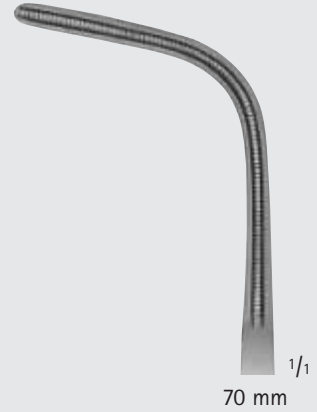


FB486R
81 mm

FB487R
81 mm



80 mm



70 mm



DE BAKEY-RUMEL

FB486R	250 mm	10"
FB487R	245 mm	9 3/4"



DE BAKEY-MIXTER

FB497R
285 mm, 11 1/4"



DE BAKEY-MC QUIGG-MIXTER

FB496R
210 mm, 8 1/4"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen, Profunda Klemmen

Dissecting- and Ligature Forceps, Profunda Clamps

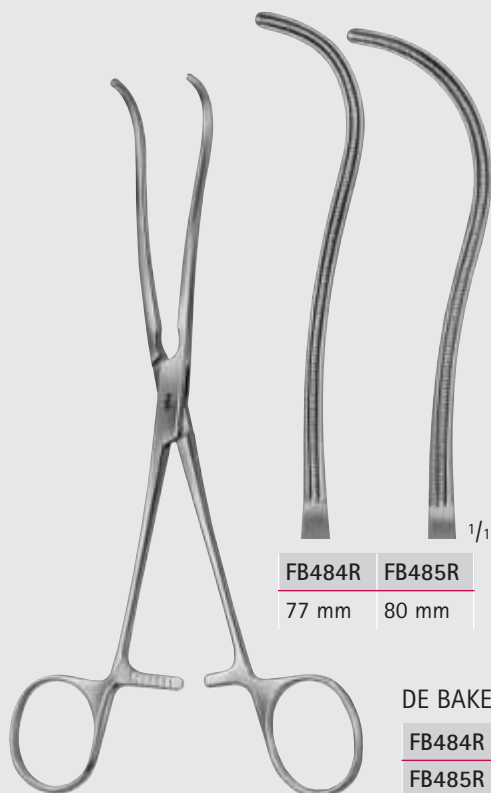
DE BAKEY Zahnung



Toothings DE BAKEY

ARAUMATA®

FB



FB484R	FB485R
77 mm	80 mm

DE BAKEY

FB484R	190 mm	7 1/2"
FB485R	230 mm	9"



GREGORY

MB750R	57 mm
MB751R	62 mm

Profunda Klemmen

Profunda clamps

200 mm, 8"



DE BAKEY

FB483R
240 mm, 9 1/2"



FB498R	FB499R
51 mm	75 mm

DE BAKEY

FB498R	210 mm	8 1/4"
FB499R	230 mm	9"



DE BAKEY Zahnung



Toothing DE BAKEY

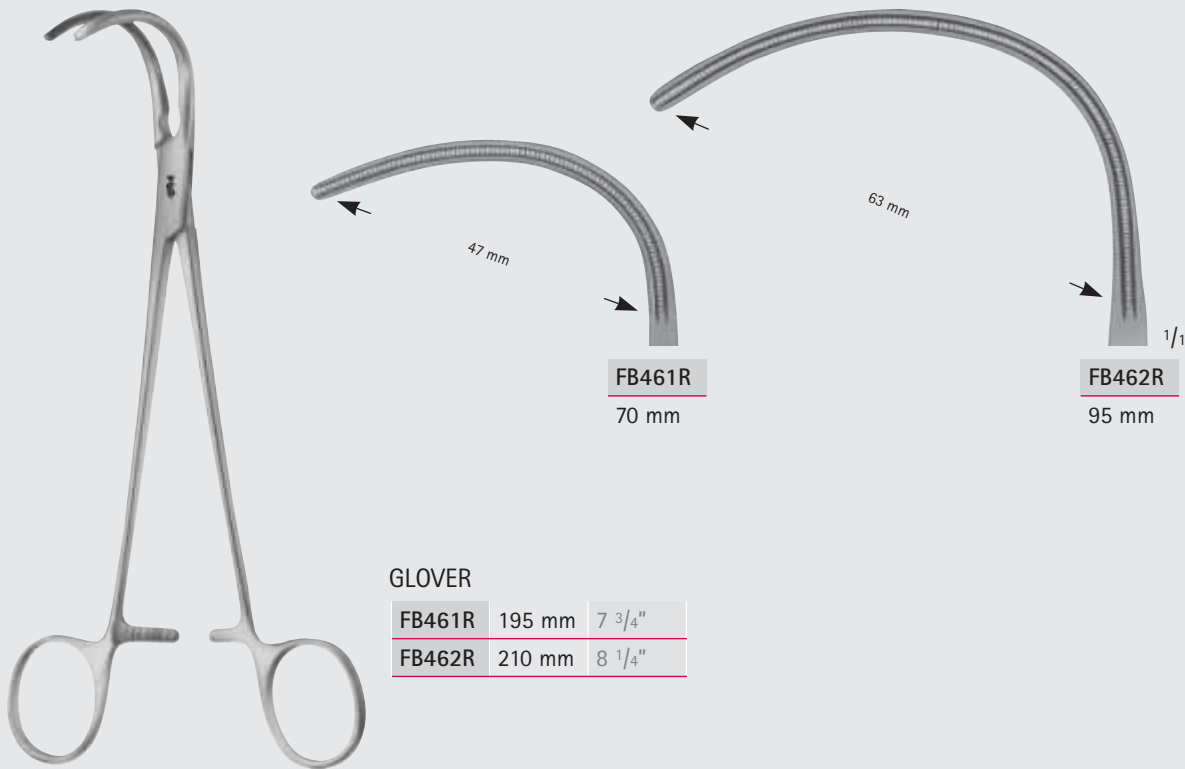
AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen

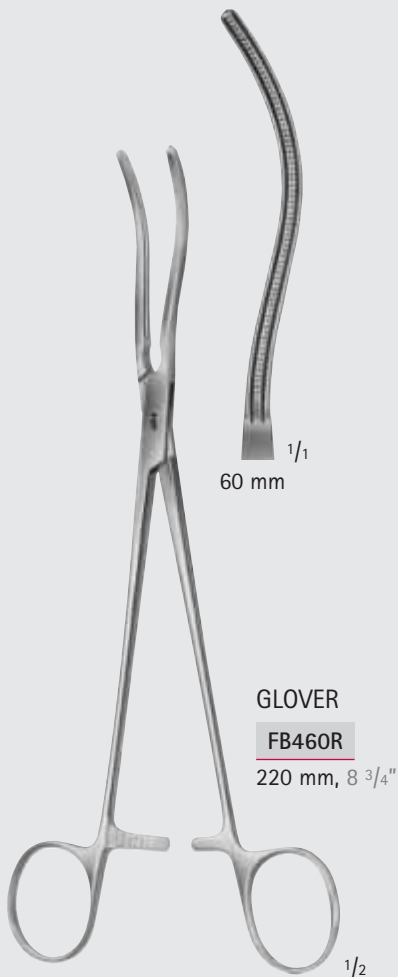
Anastomosis Clamps

FB



GLOVER

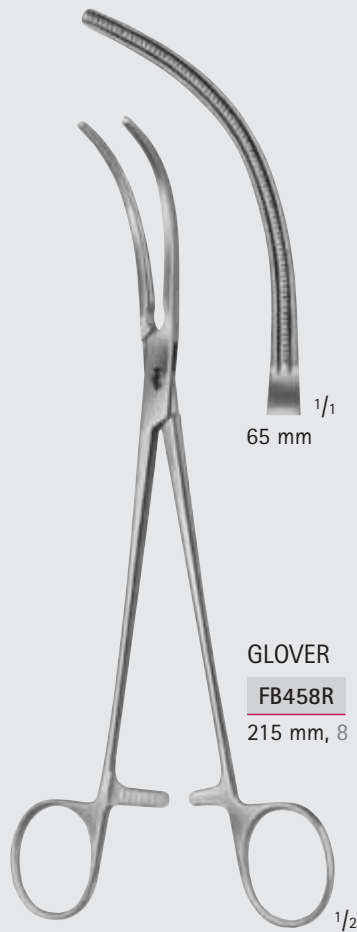
FB461R	195 mm	7 3/4"
FB462R	210 mm	8 1/4"



GLOVER

FB460R

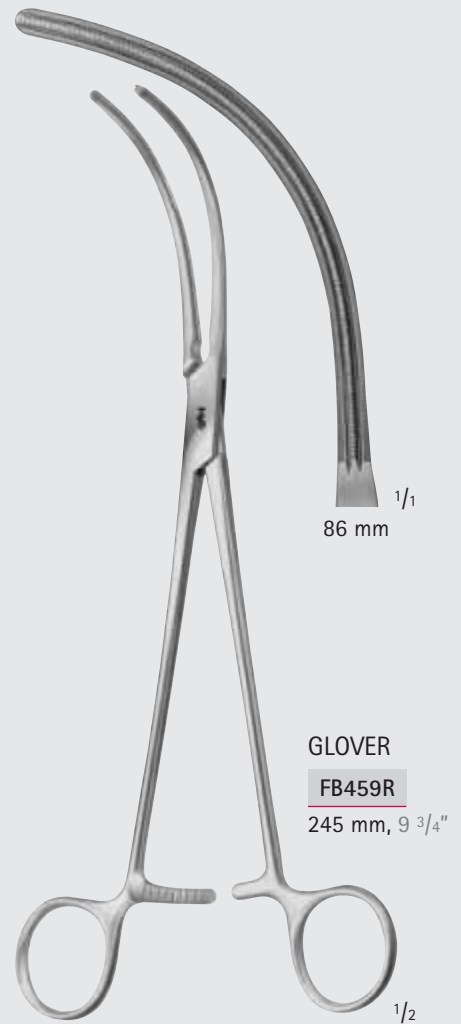
220 mm, 8 3/4"



GLOVER

FB458R

215 mm, 8 1/2"



GLOVER

FB459R

245 mm, 9 3/4"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Vena-Cava-Klemmen

Vena Cava Clamps

DE BAKEY Zahnung



Toothing DE BAKEY

ARAUMATA®



DE BAKEY-BECK

FB519R	205 mm	8"
FB520R	210 mm	8 1/4"



DE BAKEY-HARKEN

FB521R	255 mm	10"
FB522R	245 mm	9 3/4"
FB523R	245 mm	9 3/4"
FB524R	245 mm	9 3/4"

FB





DE BAKEY Zahnung



Toothing DE BAKEY

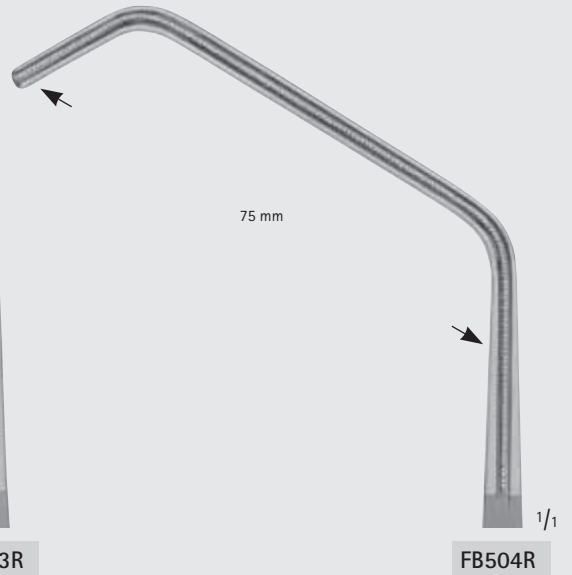
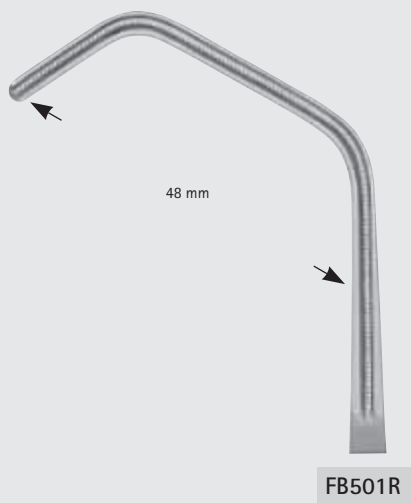
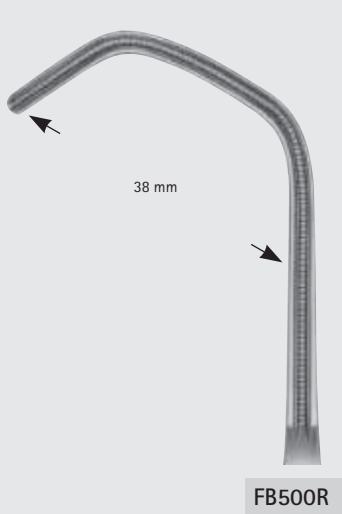
AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen für Tangential-Verschluss

Tangential Occlusion Clamps

FB



DE BAKEY

Gesamtlänge:

Total Length:

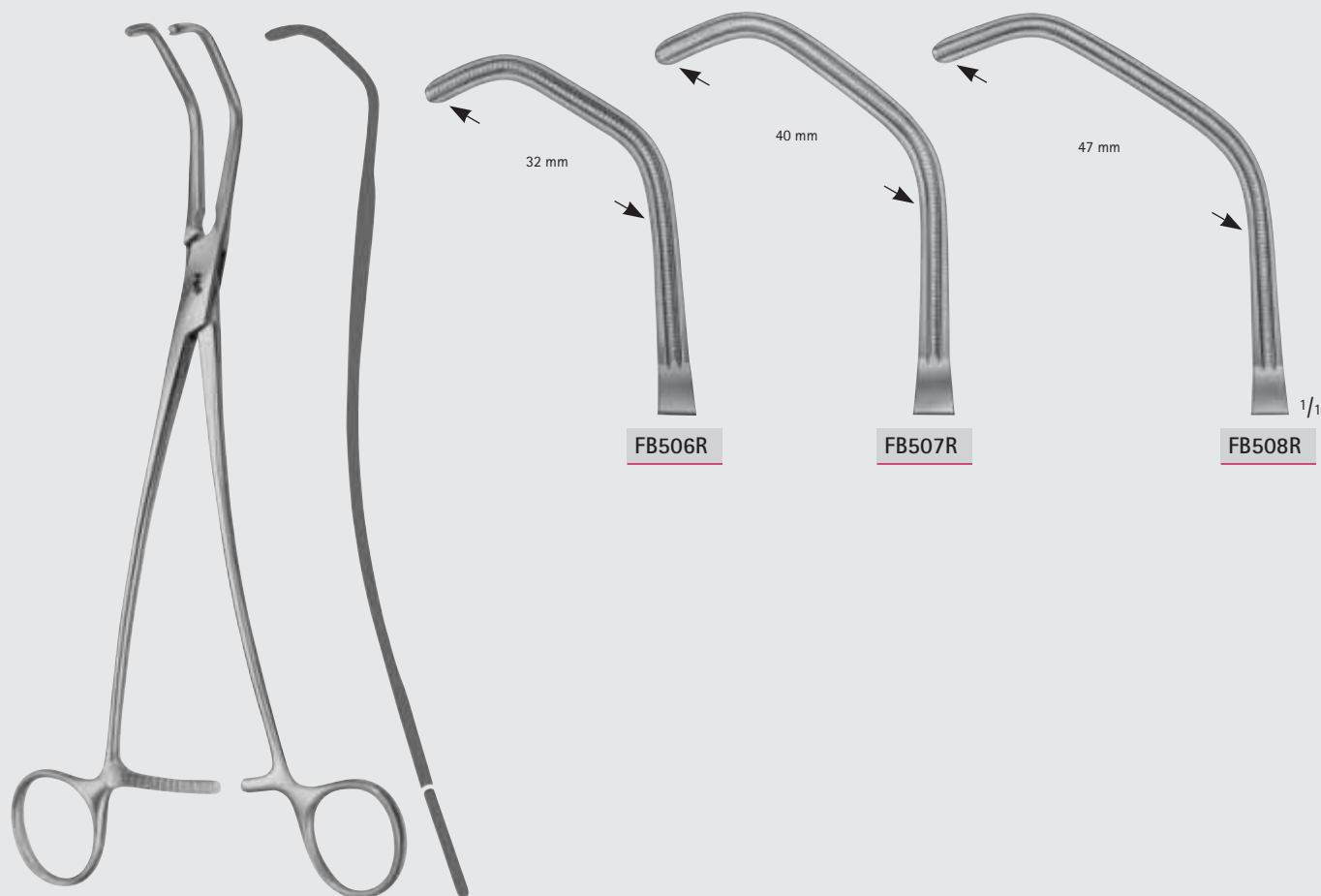
Maullänge:

Jaw length:

FB500R	FB501R	FB502R	FB503R	FB504R
220 mm	265 mm	270 mm	270 mm	280 mm
7 3/4"	10 1/4"	10 3/4"	10 3/4"	11"
85 mm	95 mm	99 mm	103 mm	119 mm
3 3/8"	3 3/4"	4"	4 1/8"	4 3/4"



MILLIMETERS



DE BAKEY-SATINSKY

	FB506R	FB507R	FB508R
Gesamtlänge:	235 mm	240 mm	245 mm
Total Length:	9 1/4"	9 1/2"	9 3/4"
Maullänge:	68 mm	76 mm	84 mm
Jaw length:	2 3/4"	3"	3 3/8"



DE BAKEY Zahnung



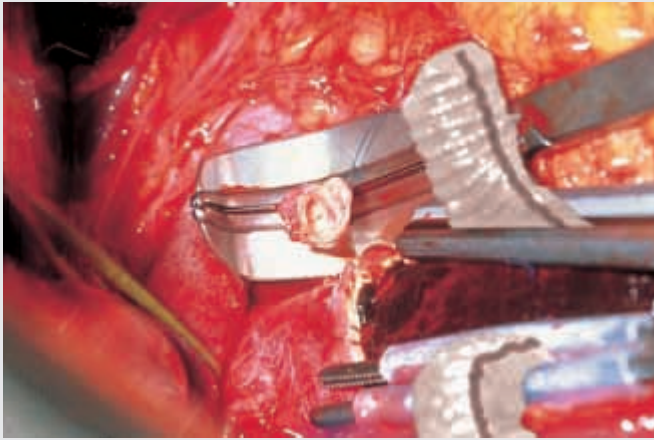
Toothing DE BAKEY

AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen

Hemostatic Forceps



ALLENBERG

FB587R-FB588R

mit Retraktionsblättern zum Weghalten
von Weichteilen während der Anastomose
with retraction blades for retraction of soft
tissue during the anastomosis

FB587R

235 mm

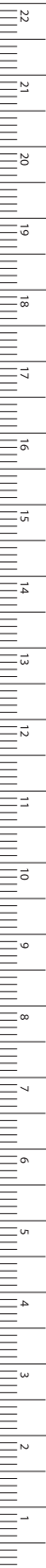
9 1/4"

FB588R

245 mm

9 3/4"

FB



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Coarctationsklemmen

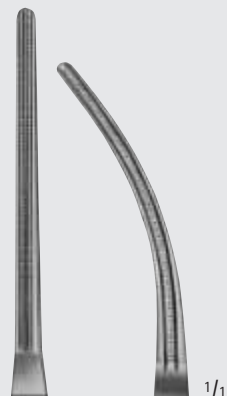
Coarctation Clamps

DE BAKEY Zahnung



Toothing DE BAKEY

ARAUMATA®



FB552R	FB554R
50 mm	50 mm

DE BAKEY

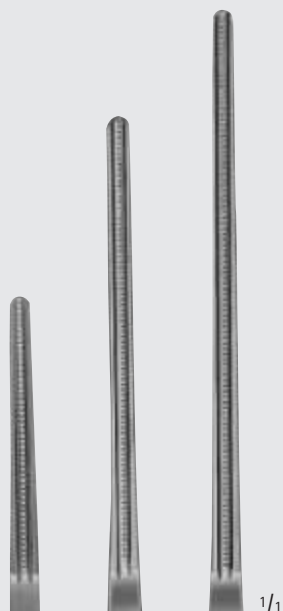
FB552R	170 mm	6 3/4"
FB554R	165 mm	6 1/2"



DE BAKEY

FB553R

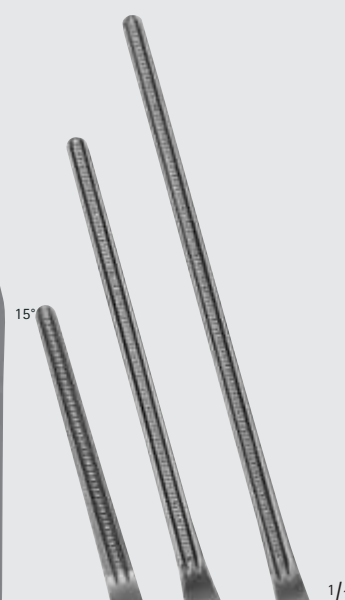
165 mm, 6 1/2"



FB452R	FB454R	FB456R
41 mm	65 mm	80 mm

DE BAKEY

FB452R	205 mm	8"
FB454R	225 mm	9"
FB456R	240 mm	9 1/2"



FB453R	FB455R	FB457R
41 mm	65 mm	80 mm

DE BAKEY

FB453R	200 mm	8"
FB455R	225 mm	9"
FB457R	240 mm	9 1/2"

FB





DE BAKEY Zahnung



Toothing DE BAKEY

AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Patent-Ductusklemmen, Peripheralklemmen

Patent-Ductus-Clamps, Peripheral-Vascular-Clamps

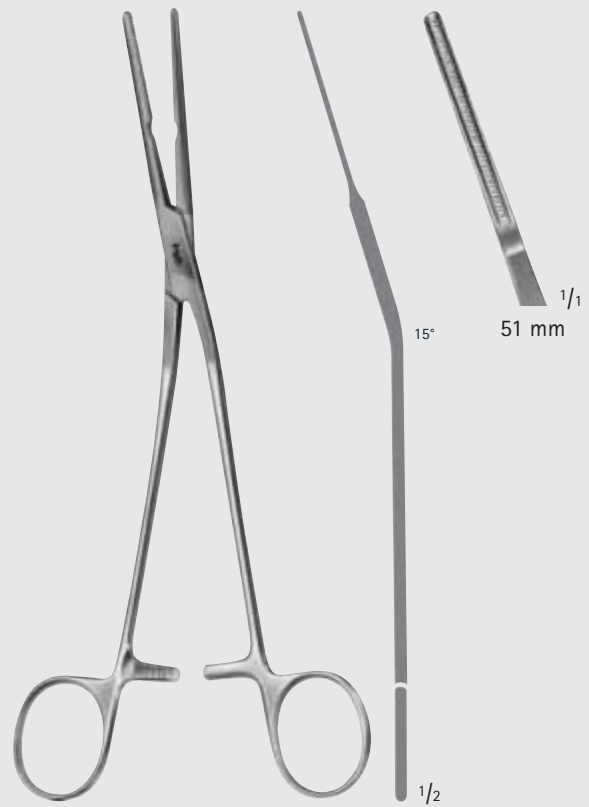
FB



DE BAKEY

FB450R

210 mm, 8 1/4"



DE BAKEY

FB451R

210 mm, 8 1/4"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Patent-Ductusklemmen, Peripheralklemmen

Patent-Ductus-Clamps, Peripheral-Vascular-Clamps

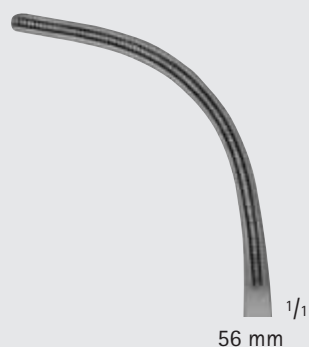
DE BAKEY Zahnung



Toothing DE BAKEY

ARAUMATA®

FB



DE BAKEY

FB463R

160 mm, 6 1/4"



DE BAKEY

FB464R

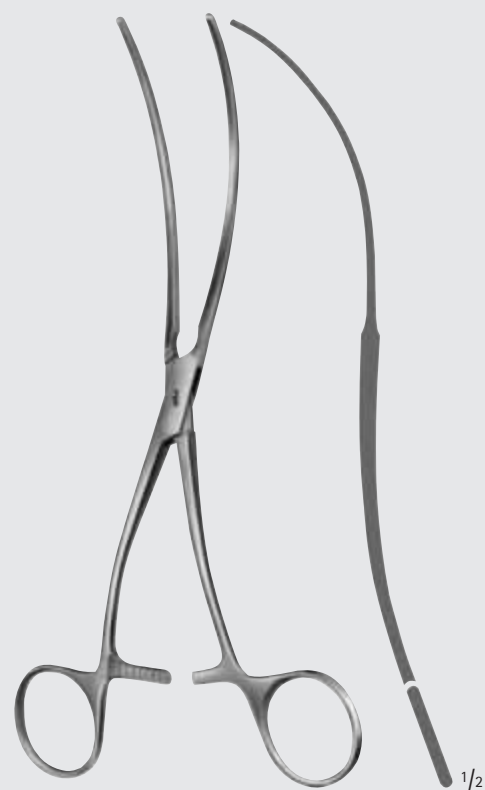
190 mm, 7 1/4"

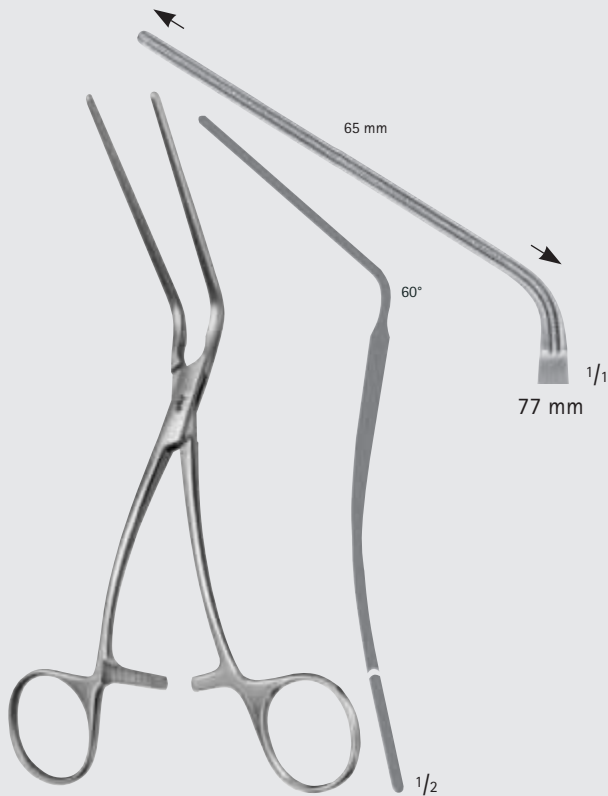


DE BAKEY

FB465R

200 mm, 8"





DE BAKEY

FB466R

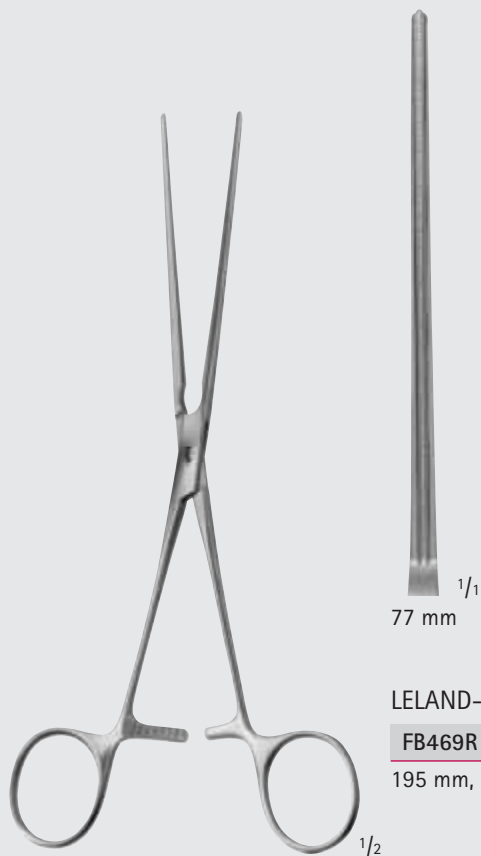
180 mm, 7"



LELAND-JONES

FB467R-FB468R

190 mm, 7 1/2"



LELAND-JONES

FB469R

195 mm, 7 3/4"



DE BAKEY

FB470R

Iliaca-Klemme

Iliac clamp

200 mm, 8"



WERTHEIM

BJ581R

250 mm, 10"

1/2



DICK

FB956R-FB958R



DE BAKEY Zahnung



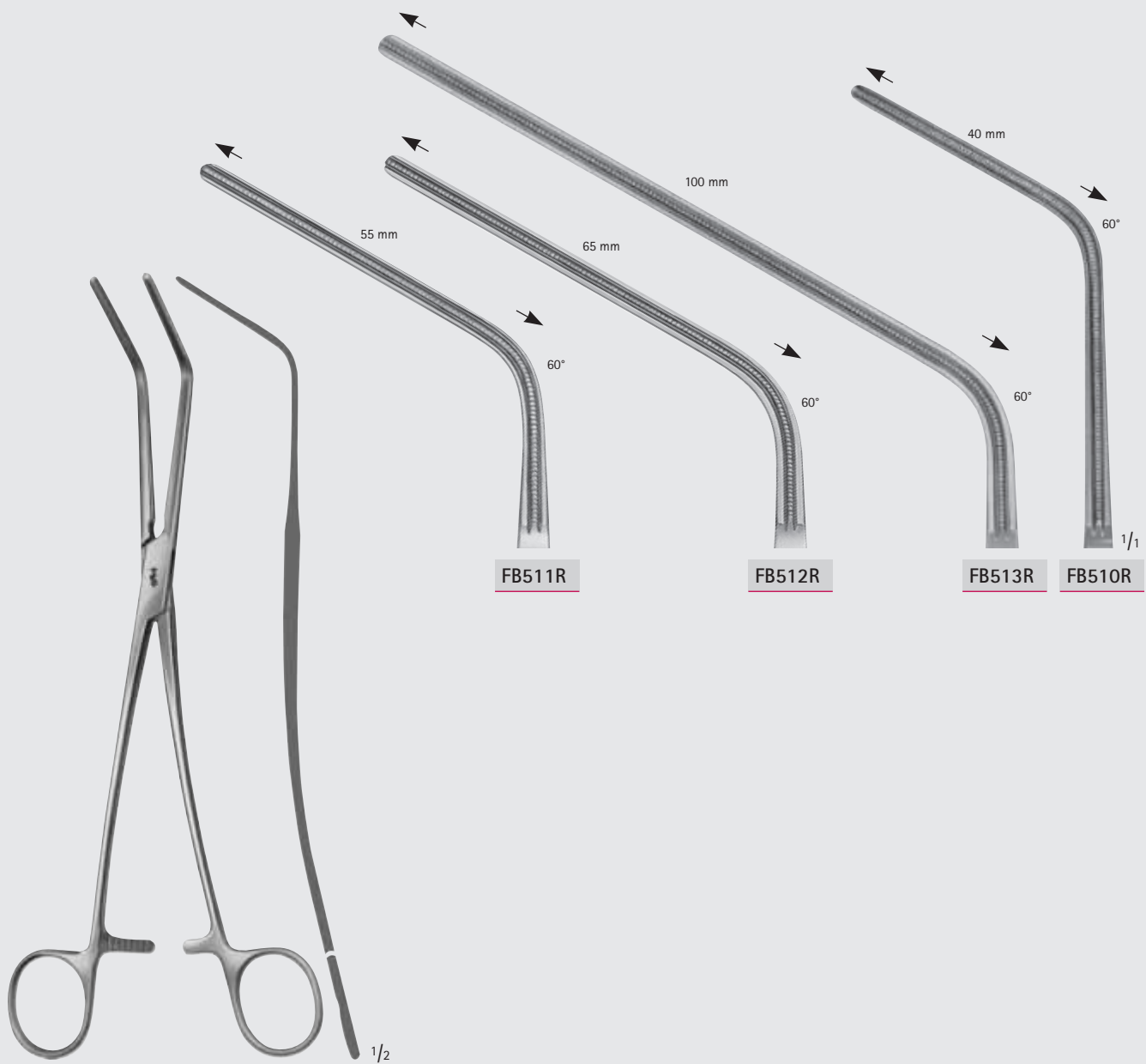
Toothing DE BAKEY

AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mehrzweckklemmen
Multi-Purpose-Clamps

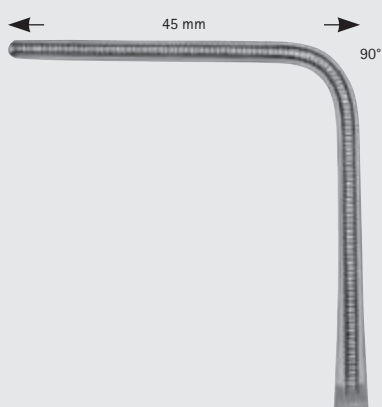
FB



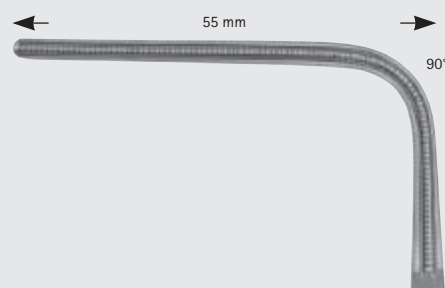
DE BAKEY

	FB511R	FB512R	FB513R	FB510R
Gesamtlänge:	230 mm	280 mm	305 mm	240 mm
Total Length:	9"	11"	12"	9 1/2"
Maullänge:	85 mm	100 mm	135 mm	93 mm
Jaw length:	3 3/8"	4"	5 1/8"	3 3/4"

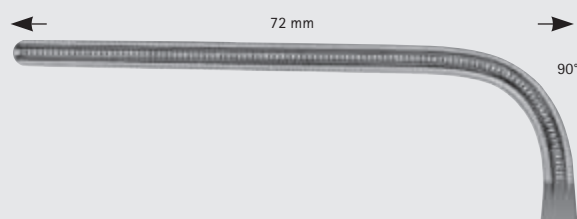




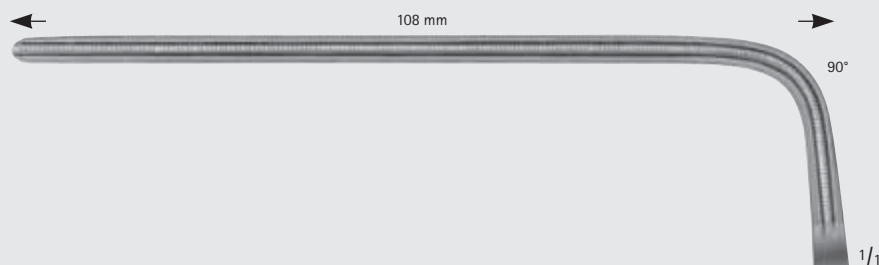
FB515R



FB516R



FB517R



FB518R

DE BAKEY

	FB515R	FB516R	FB517R	FB518R
Gesamtlänge:	225 mm	210 mm	255 mm	275 mm
Total Length:	9"	8 1/4"	10"	10 3/4"
Maullänge:	93 mm	85 mm	92 mm	134 mm
Jaw length:	3 3/4"	3 3/8"	3 5/8"	5 1/4"



DE BAKEY Zahnung



Toothing DE BAKEY

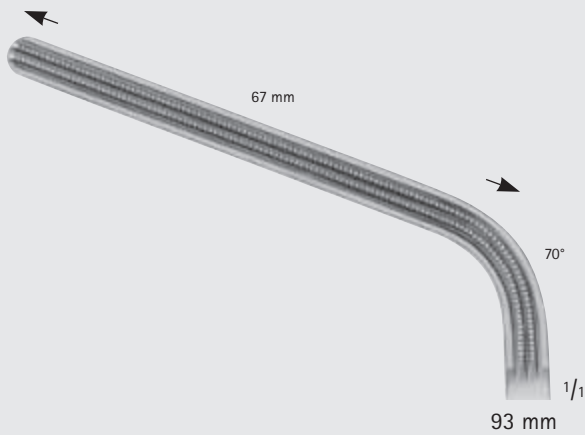
AIRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aortaklemmen

Ascending Aorta Cross Clamps

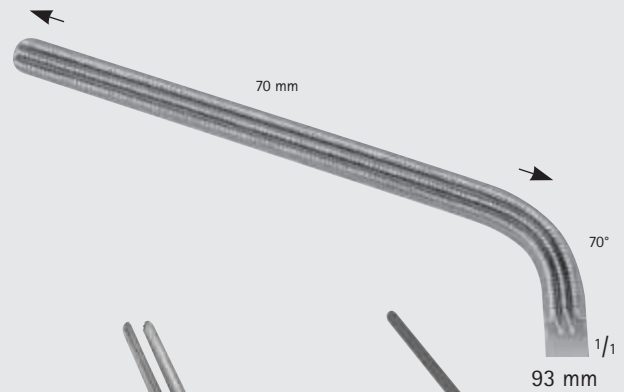
FB



MORRIS

FB493R

175 mm, 7"



DE BAKEY (MORRIS MODIF.)

FB494R

240 mm, 9"



MILLIMETERS



LEES

FB573R

220 mm, 8 ³/₄"



LEES

FB574R

245 mm, 9 ³/₄"



DE BAKEY Zahnung



Toothing DE BAKEY

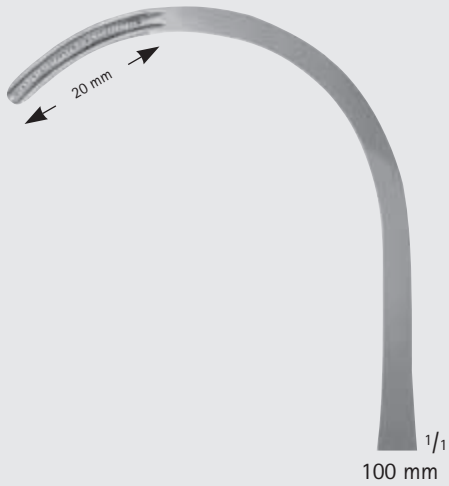
APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Aneurysma-Klemmen

Aorta-Aneurysm-Clamps

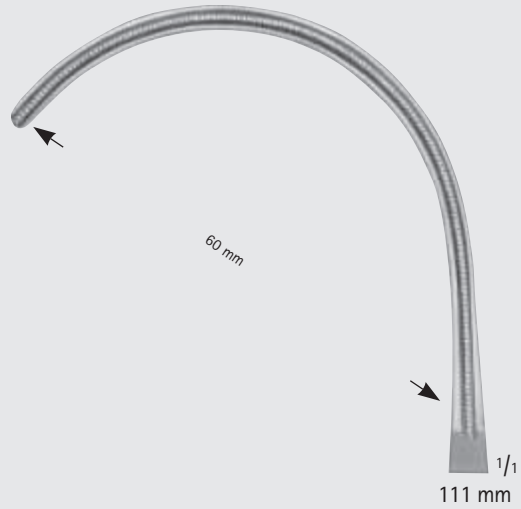
FB



DE BAKEY (SEMB MODIF.)

FB482R

265 mm, 10 1/2"



DE BAKEY

FB481R

270 mm, 10 3/4"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Aneurysma-Klemmen

Aorta-Aneurysm-Clamps

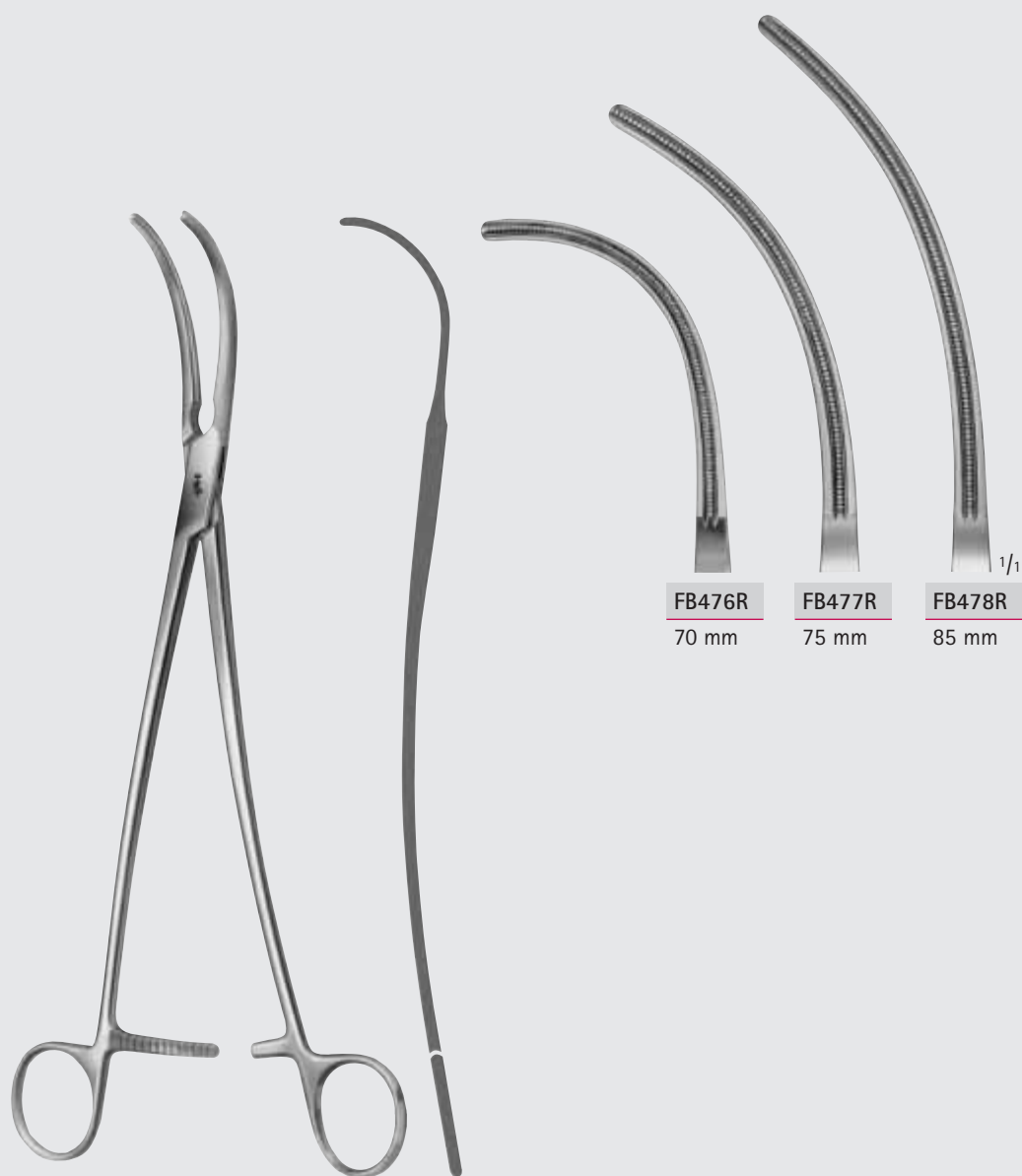
DE BAKEY Zahnung



Toothings DE BAKEY

APRAUMATA®

FB



FB476R
70 mm

FB477R
75 mm

FB478R
85 mm

DE BAKEY

FB476R	255 mm	10"
FB477R	265 mm	10 1/2"
FB478R	280 mm	11"



DE BAKEY Zahnung



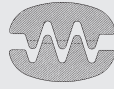
Tooth DE BAKEY

APRAUMATA®

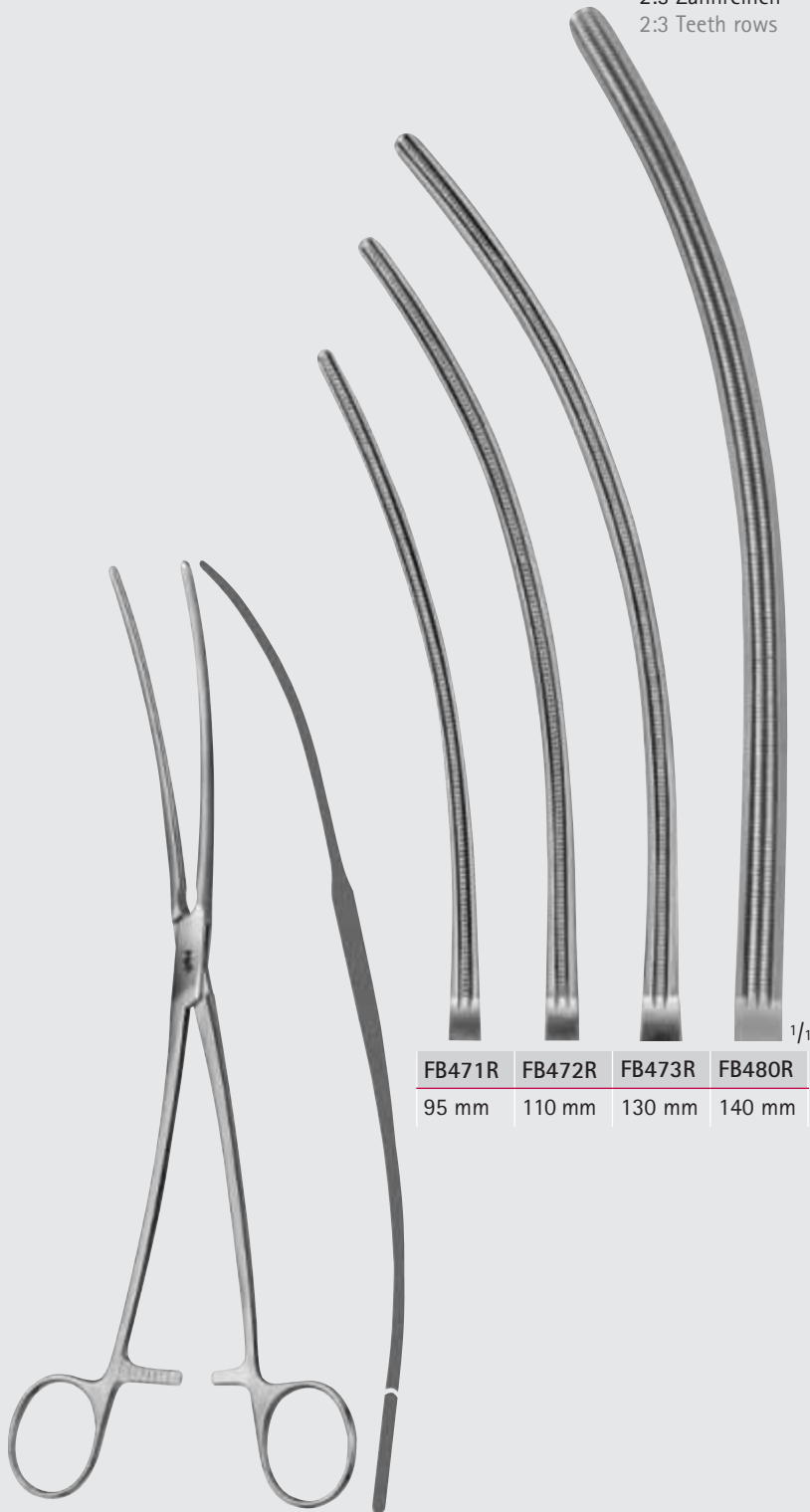
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Aneurysma-Klemmen

Aorta-Aneurysm-Clamps



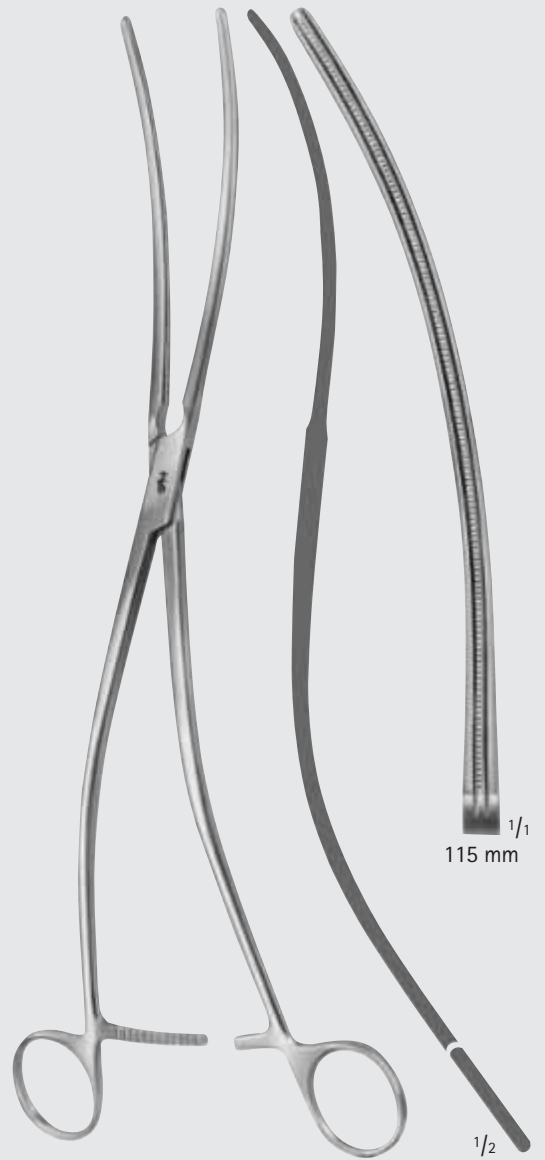
2:3 Zahnreihen
2:3 Teeth rows



FB471R	FB472R	FB473R	FB480R
95 mm	110 mm	130 mm	140 mm

DE BAKEY

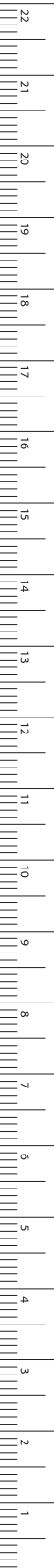
FB471R	250 mm	10"
FB472R	300 mm	12"
FB473R	315 mm	12 1/2"
FB480R	330 mm	13"



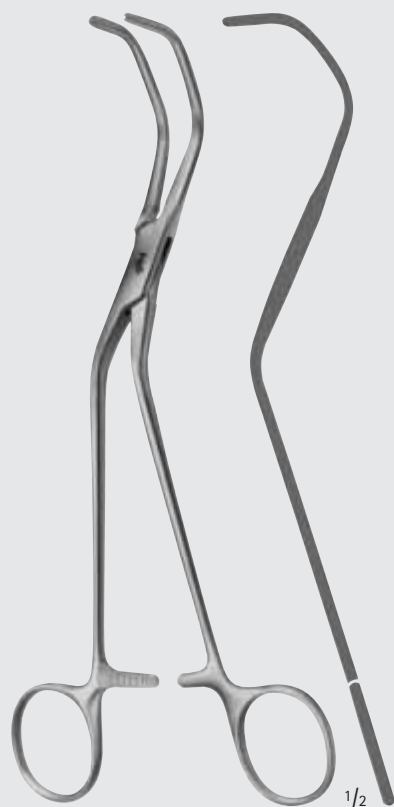
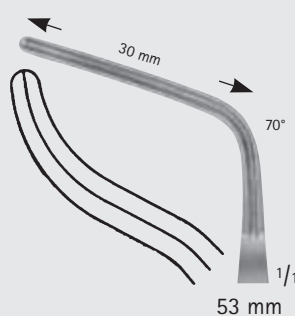
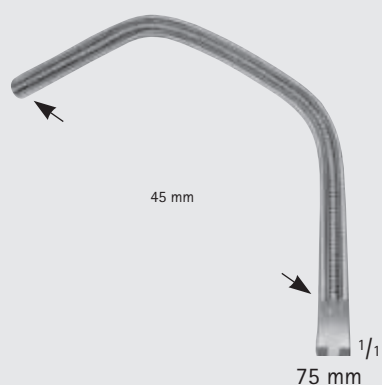
DE BAKEY

FB475R
300 mm, 12"

FB



MILLIMETERS



DIETHRICH

FB525R

210 mm, 8 $\frac{1}{4}$ "



SUBRAMANIAN (MODIF.)

FB578R

155 mm, 6"



DE BAKEY Zahnung



Toothings DE BAKEY

APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aortaklemmen

Aorta Clamps

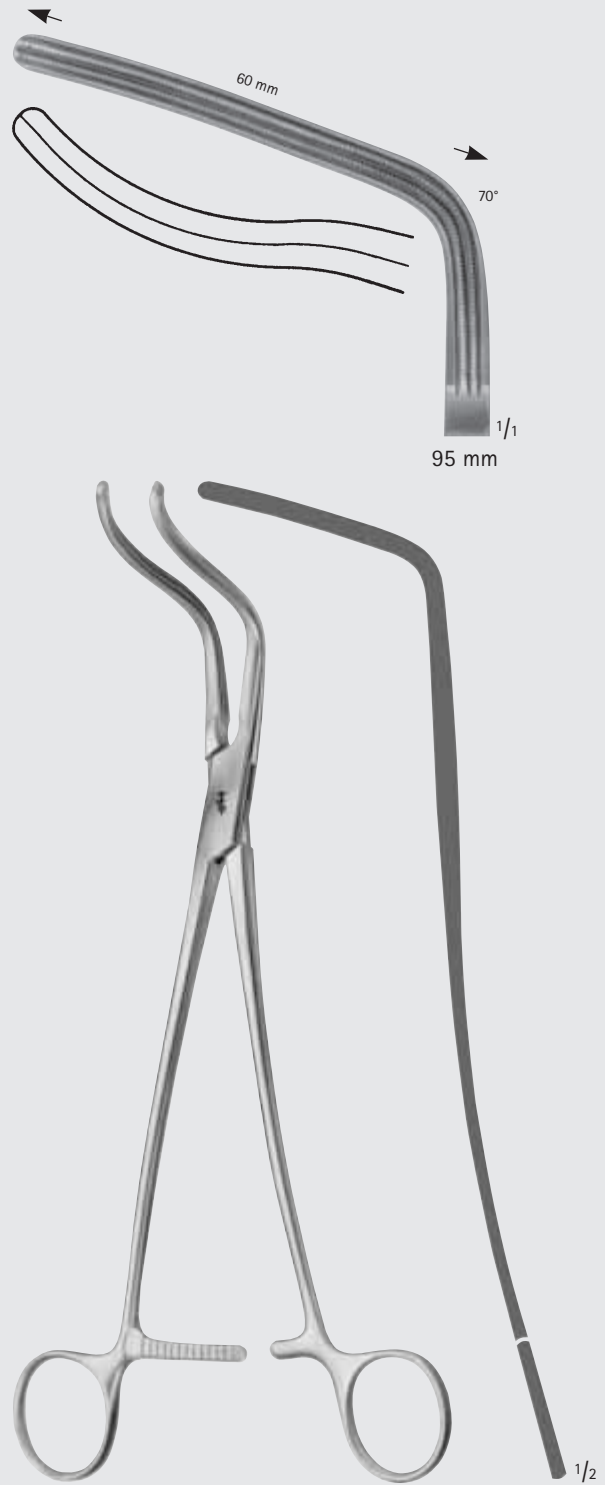
FB



OGHSNER

FB495R

260 mm, 10 1/4"



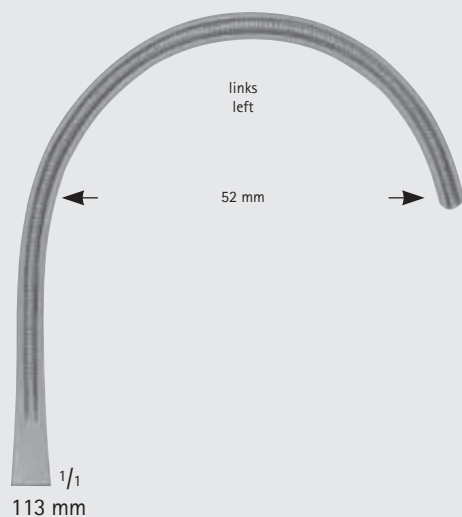
DE BAKEY

FB576R

265 mm, 10 1/2"



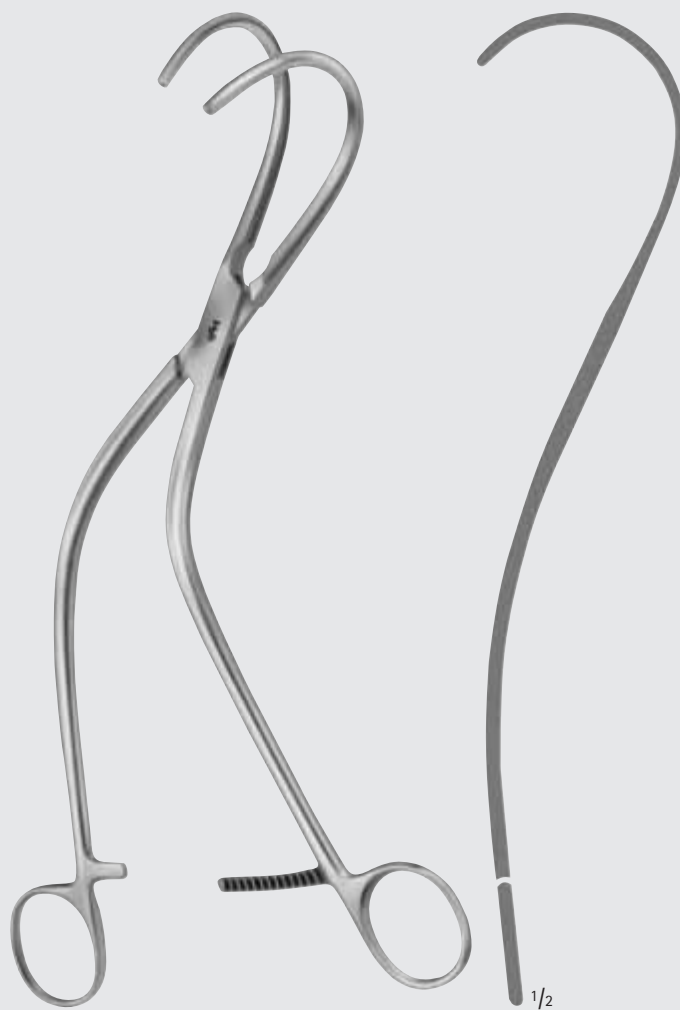
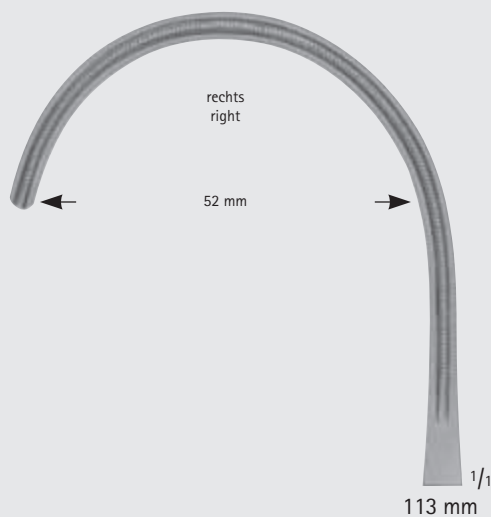
MILLIMETERS



WEBER

FB488R

260 mm, 10 1/4"



WEBER

FB489R

260 mm, 10 1/4"



DE BAKEY Zahnung



Toothings DE BAKEY

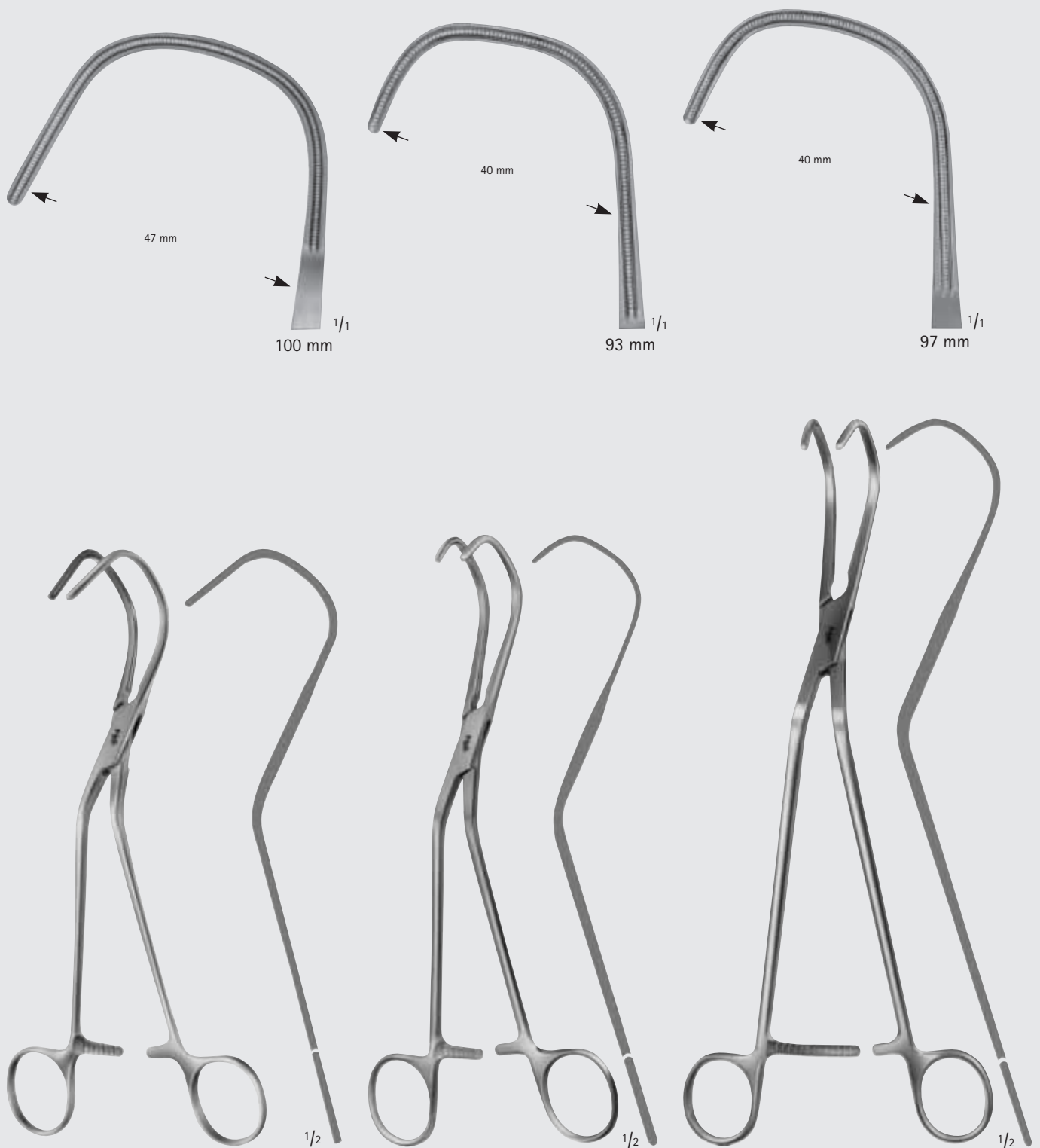
APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Anastomosenklemmen

Aorta-Anastomosis Clamps

FB



LAMBERT-KAY

FB492R

210 mm, 8 1/4"

LAMBERT-KAY

FB490R

215 mm, 8 1/2"

DE BAKEY (MOD. LAMBERT)

FB491R

255 mm, 10"

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen mit Ringgriffen

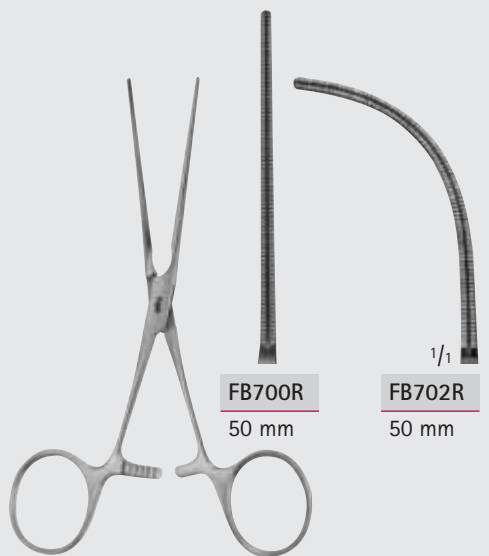
Ring Handle Bulldog Clamps

APRAUMATA®

COOLEY Zahnung



Toothing COOLEY

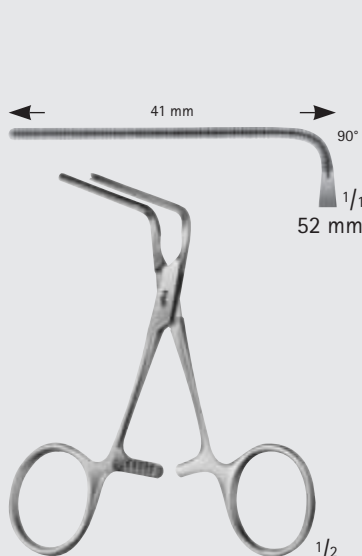


FB700R
50 mm

FB702R
50 mm

COOLEY

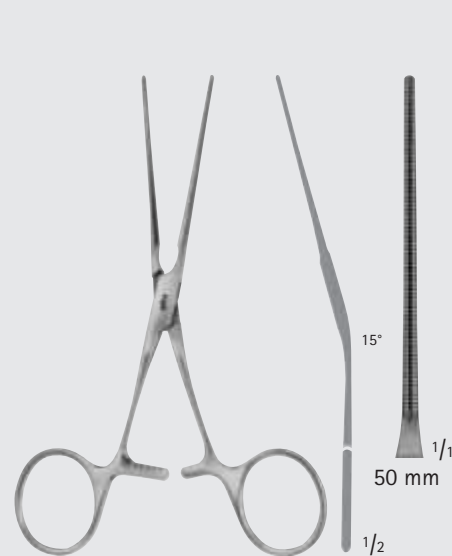
FB700R	125 mm	5"
FB702R	115 mm	4 1/2"



COOLEY

FB707R

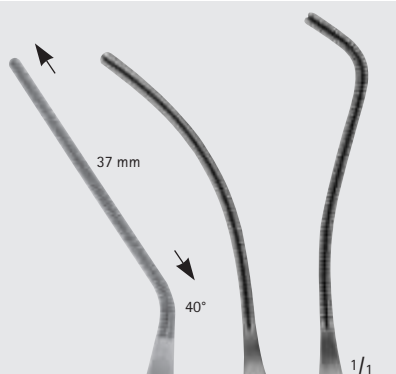
100 mm, 4"



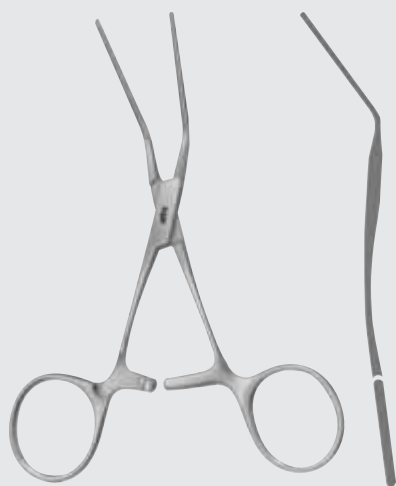
COOLEY

FB701R

125 mm, 5"

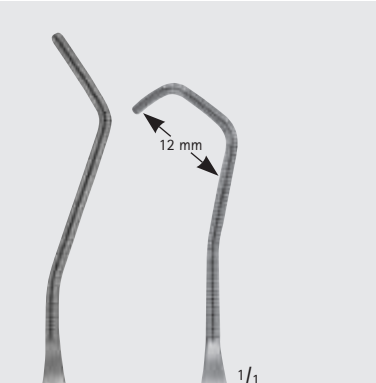


FB704R	50 mm
FB703R	50 mm
FB706R	52 mm



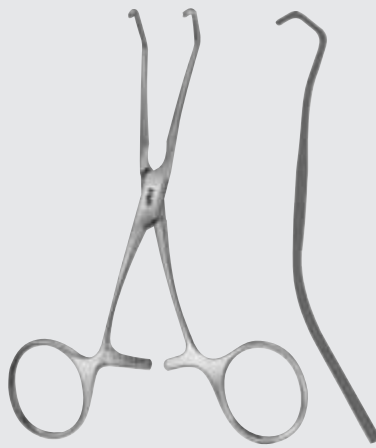
COOLEY

FB704R	120 mm	4 3/4"
FB703R	125 mm	5"
FB706R	125 mm	5"



FB705R
50 mm

FB708R
50 mm



COOLEY

FB705R	120 mm	4 3/4"
FB708R	115 mm	4 1/2"

FB

INCHES



COOLEY Zahnung



Toothing COOLEY

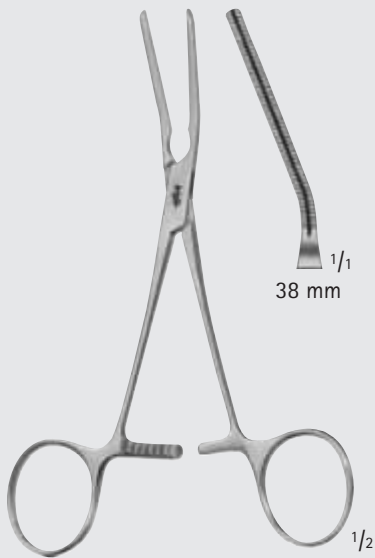
APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen mit Ringgriffen

Ring Handle Bulldog Clamps

FB



COOLEY

FB741R

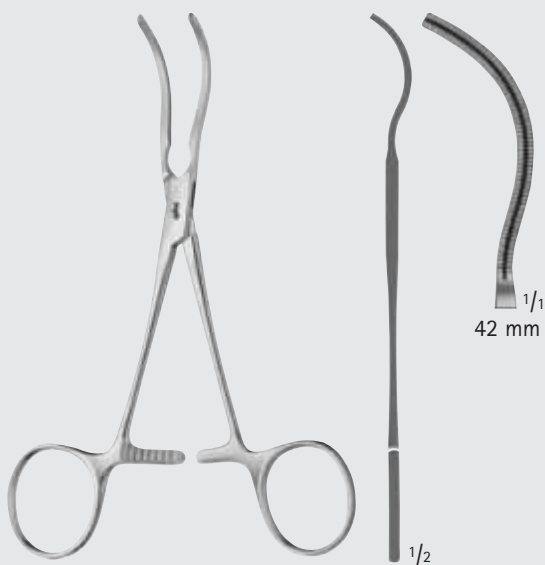
145 mm, 5 $\frac{3}{4}$ "



COOLEY

FB742R

140 mm, 5 $\frac{1}{2}$ "



COOLEY

FB743R

145 mm, 5 $\frac{3}{4}$ "



SATINSKY

MB613R

140 mm, 5 $\frac{1}{2}$ "



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen, Kinder-Modelle

Anastomosis Clamps, Pediatric Patterns

APRAUMATA®

COOLEY Zahnung



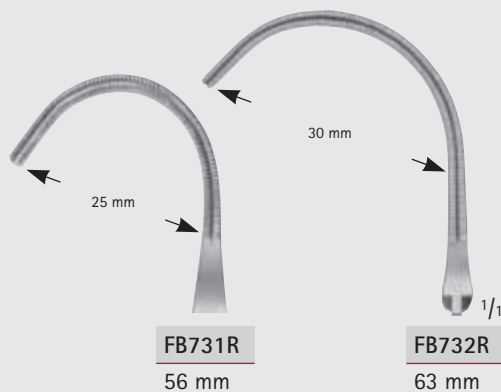
Toothing COOLEY



COOLEY-BECK

FB731R 150 mm 6"

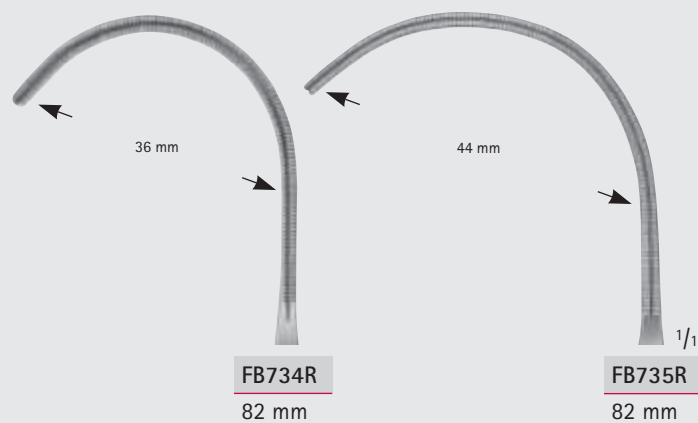
FB732R 155 mm 6"



COOLEY

FB734R-FB735R

170 mm, 6 3/4"





COOLEY Zahnung



Toothing COOLEY

APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen, Kinder-Modelle

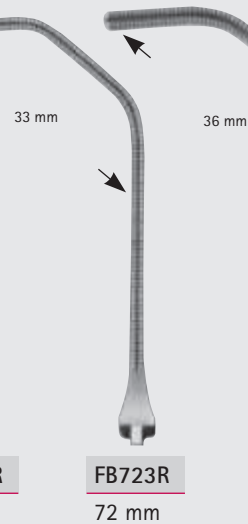
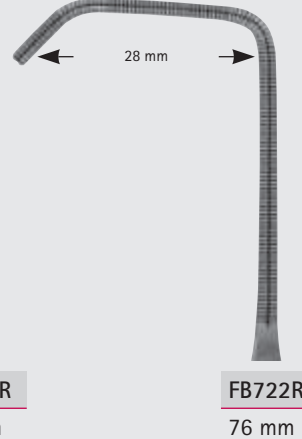
Anastomosis Clamps, Pediatric Patterns

FB



DERRA-COOLEY

FB725R	170 mm	6 ³ / ₄ "
FB726R	175 mm	7"
FB727R	175 mm	7"



COOLEY

FB721R	165 mm	6 ¹ / ₂ "
FB722R	165 mm	6 ¹ / ₂ "
FB723R	175 mm	7"
FB724R	180 mm	7"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mehrzweckklemmen, Kinder-Modelle

Multi-Purpose Clamps, Pediatric Patterns

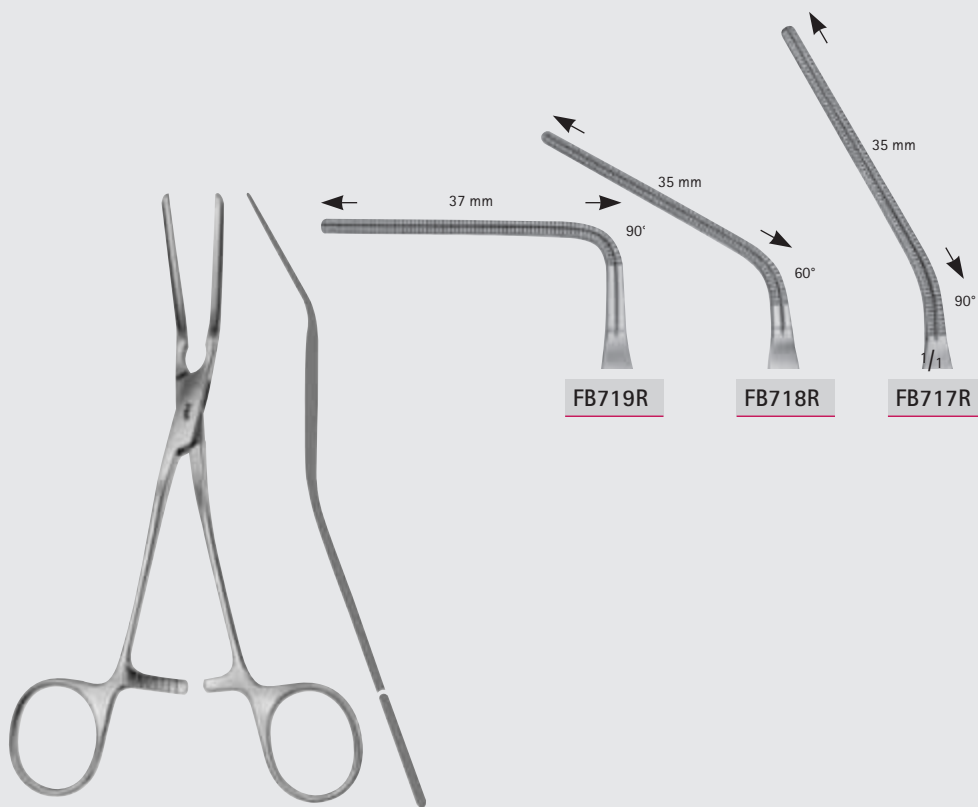
APRAUMATA®

COOLEY Zahnung



Toothing COOLEY

FB



COOLEY

FB719R	150 mm	6"
FB718R	160 mm	6 1/4"
FB717R	165 mm	6 1/2"



COOLEY Zahnung



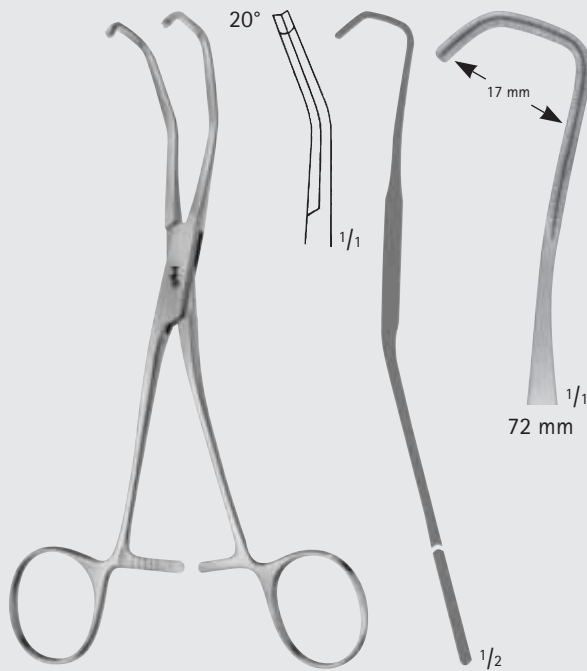
Toothing COOLEY

APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen, Mehrzweckklemmen

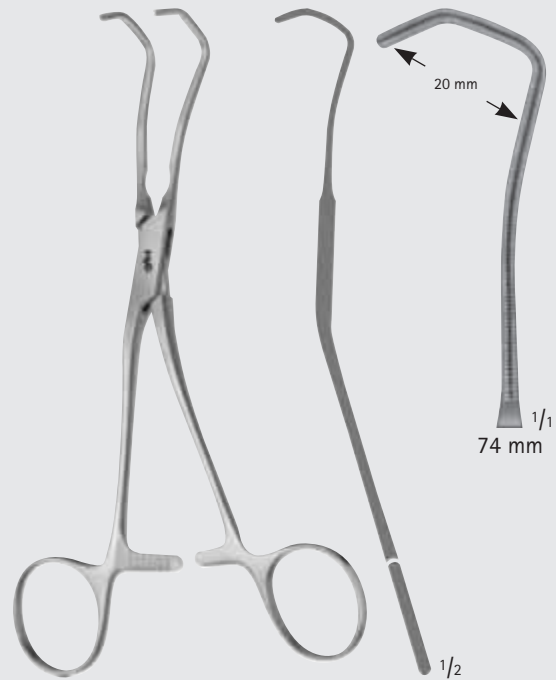
Anastomosis Clamps, Multi-Purpose Clamps



COOLEY

FB729R

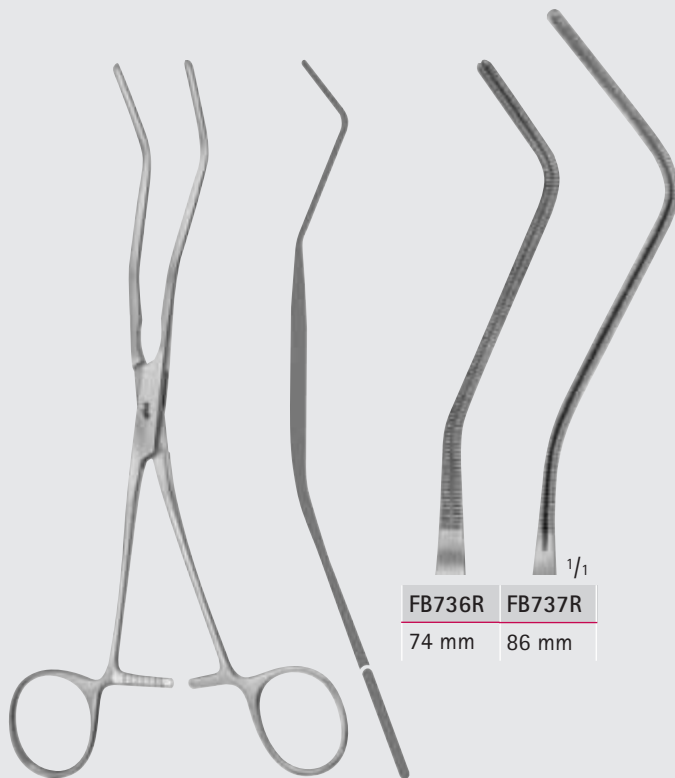
170 mm, 6 $\frac{3}{4}$ "



COOLEY

FB730R

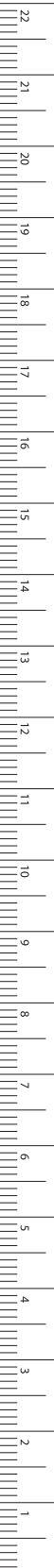
175 mm, 7"



COOLEY

FB737R	195 mm	7 $\frac{3}{4}$ "
FB736R	185 mm	7 $\frac{1}{4}$ "

FB



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Patent-Ductusklemmen, Coarctationsklemmen, Kinder-Modelle

Patent-Ductus Clamps, Coarctations Clamps, Pediatric Patterns

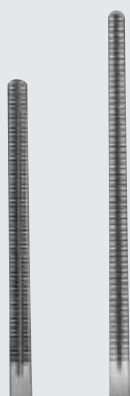
APRAUMATA®

COOLEY Zahnung



Toothing COOLEY

FB



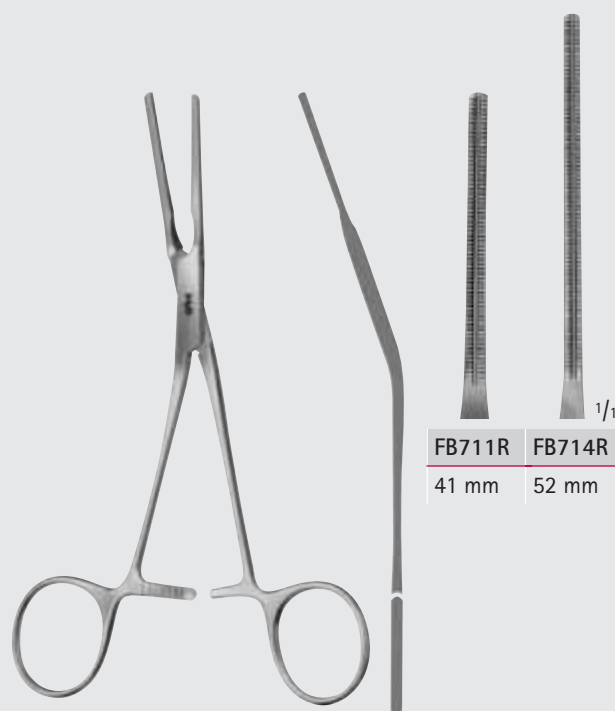
FB710R	FB712R
41 mm	52 mm



FB713R	FB715R
52 mm	63 mm

COOLEY

FB710R	160 mm	6 1/4"
FB712R	170 mm	6 3/4"
FB713R	180 mm	7"
FB715R	180 mm	7"



FB711R	FB714R
41 mm	52 mm

COOLEY

FB711R	160 mm	6 1/4"
FB714R	170 mm	6 3/4"



COOLEY Zahnung



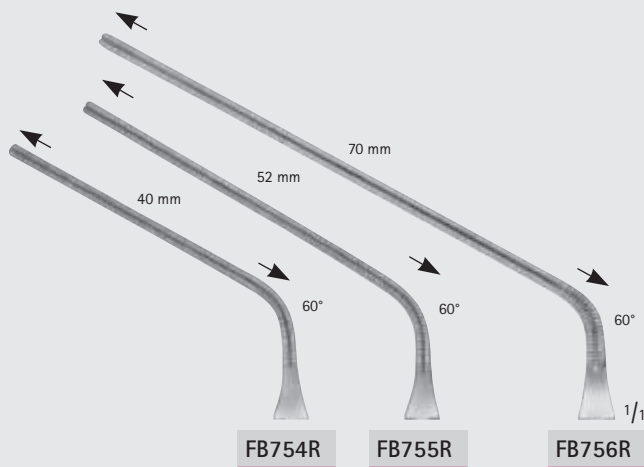
Toothing COOLEY

APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Patent-Ductusklemmen, Coarctationsklemmen, Kinder-Modelle

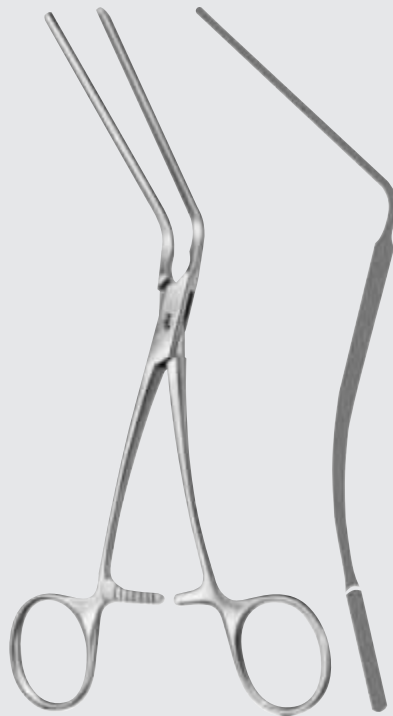
Patent-Ductus Clamps, Coarctations Clamps, Pediatric Patterns



FB754R

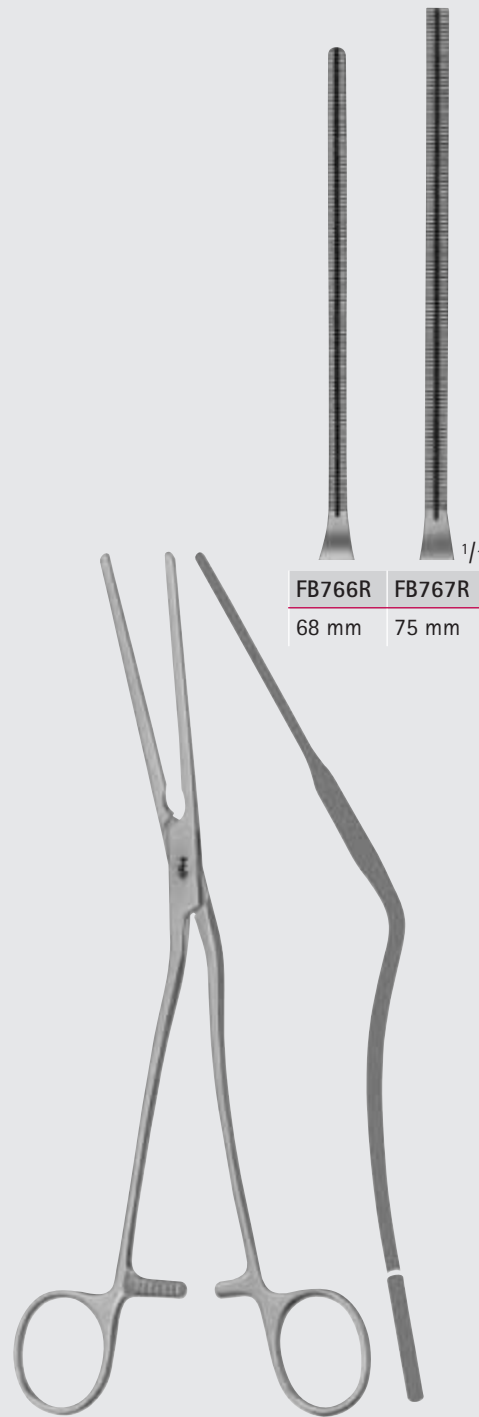
FB755R

FB756R



COOLEY

FB754R	165 mm	6 1/2"
FB755R	170 mm	6 3/4"
FB756R	185 mm	7 1/4"

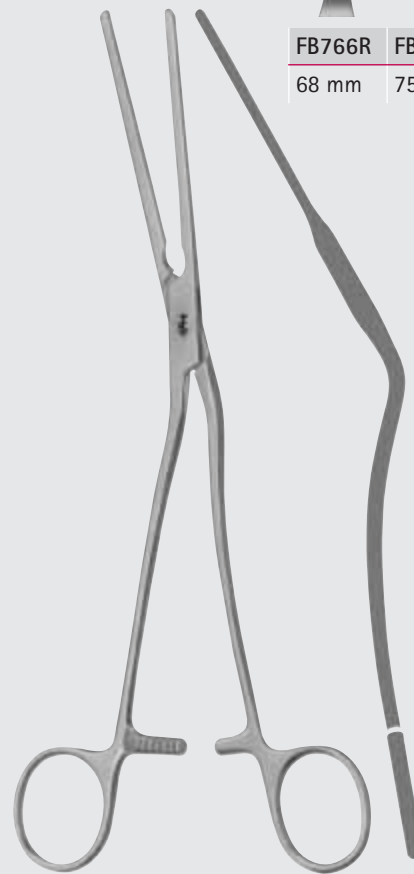


FB766R

FB767R

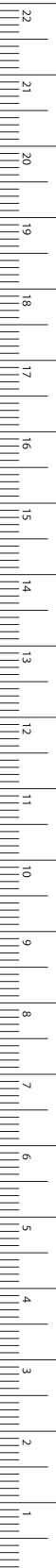
68 mm

75 mm



FB766R	225 mm	9"
FB767R	270 mm	10 3/4"

FB



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen, Mehrzweckklemmen

Anastomosis Clamps, Multi-Purpose Clamps

COOLEY Zahnung



Toothing COOLEY

APRAUMATA®

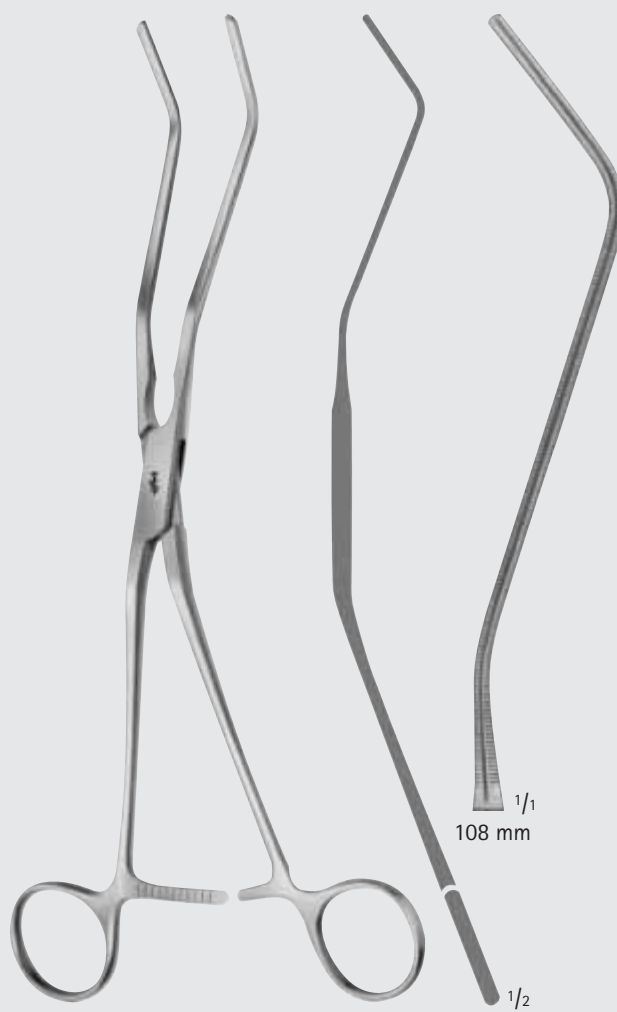
FB



LEITZ

FB795R

205 mm, 8"



COOLEY

FB738R

260 mm, 10 ³/₄"



COOLEY Zahnung



Toothing COOLEY

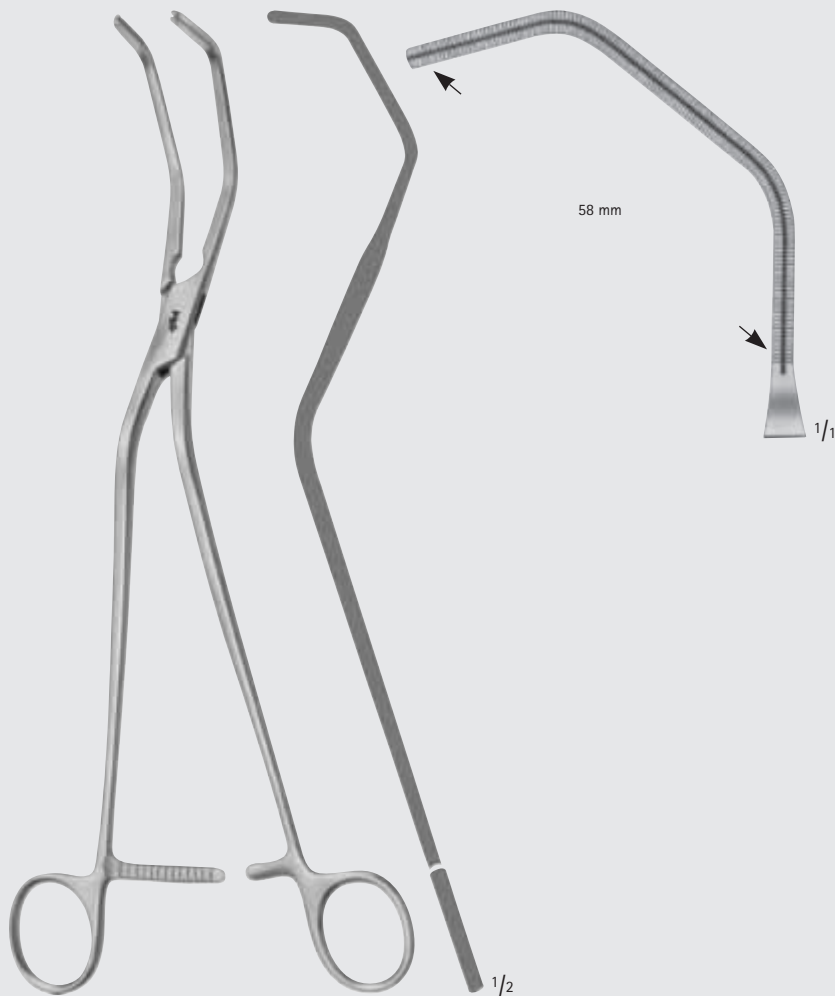
APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen

Anastomosis Clamps

FB



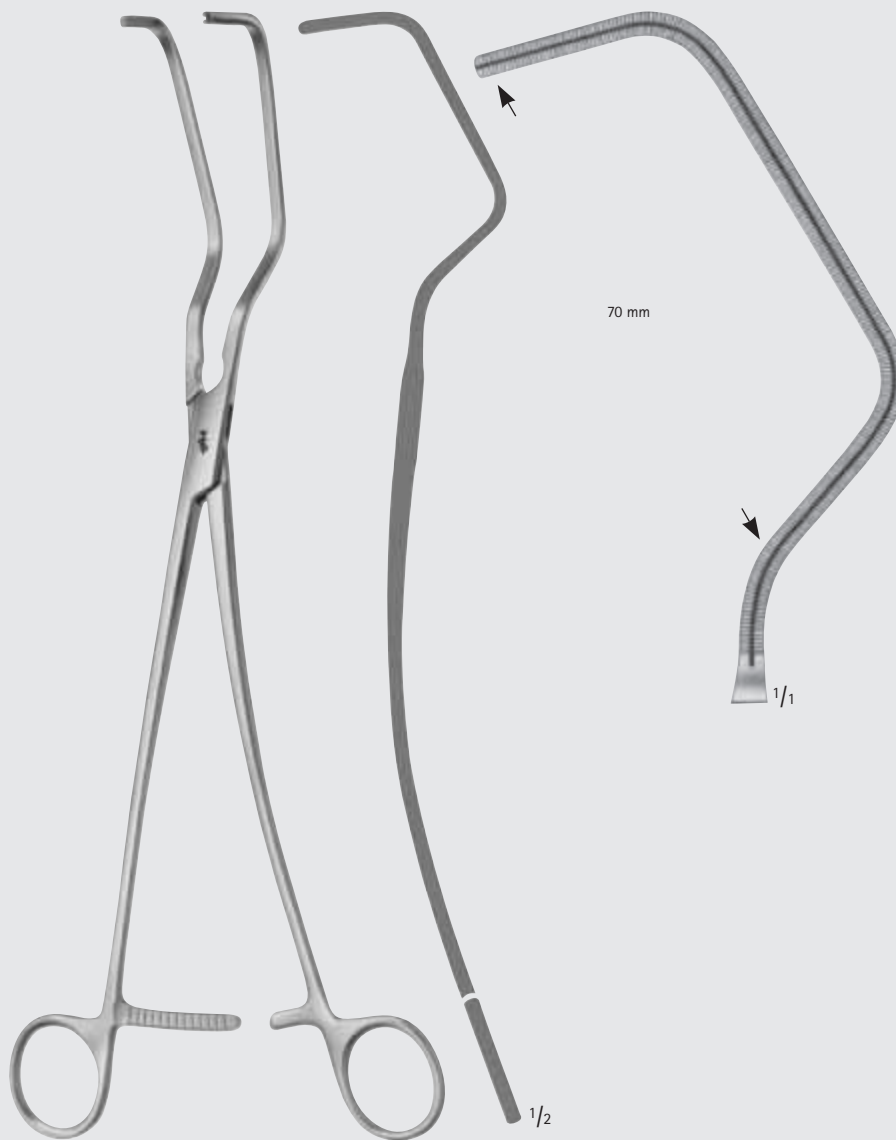
COOLEY

FB773R

260 mm, 10 1/4"



MILLIMETERS



PARRY-COOLEY

FB775R

295 mm, 11 3/4"



COOLEY Zahnung



Toothing COOLEY

APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Anastomosenklemmen

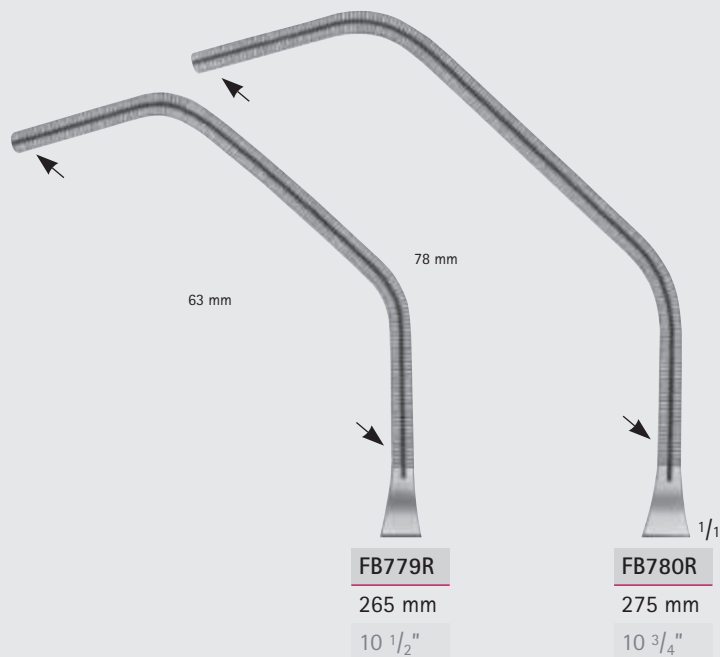
Anastomosis Clamps

FB



COOLEY

FB776R-FB780R



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aortaklemme

Aorta Clamp

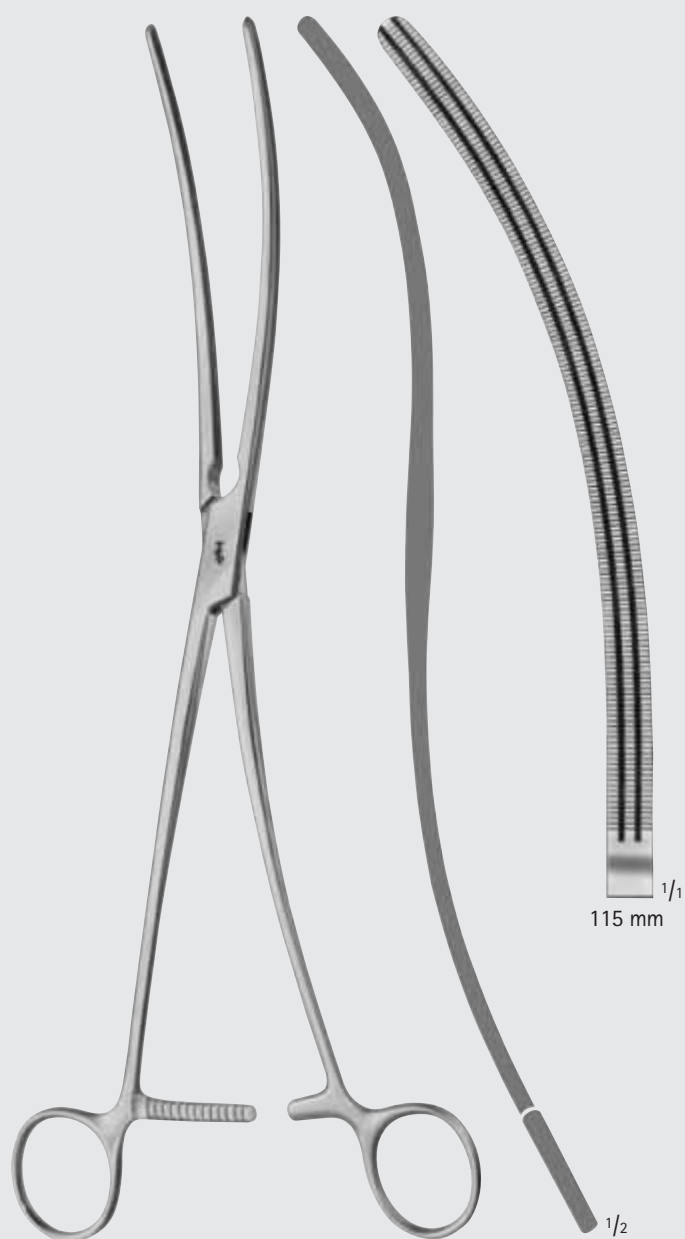
APRAUMATA®

COOLEY Zahnung



Toothing COOLEY

FB



COOLEY

FB764R

320 mm, 12 3/4"



COOLEY Zahnung



Toothing COOLEY

APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mehrweckklemme
Multi-Purpose Clamp

FB



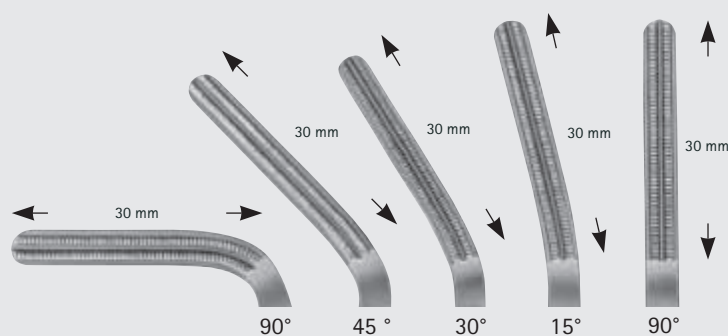
COOLEY

FB765R

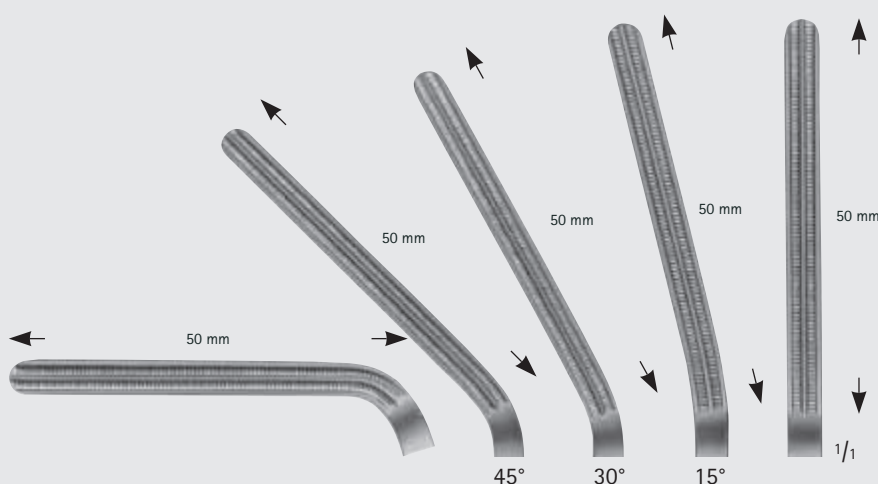
285 mm, 11 1/4"



MILLIMETERS



FC304R	FC303R	FC302R	FC301R	FC300R
130 mm	145 mm	150 mm	150 mm	150 mm
5 1/8"	5 3/4"	6"	6"	6"



FC314R	FC313R	FC312R	FC311R	FC310R
135 mm	160 mm	170 mm	170 mm	170 mm
5 1/4"	6 1/4"	6 3/4"	6 3/4"	6 3/4"



FC300R-FC314R



DE BAKEY Zahnung



Toothings DE BAKEY

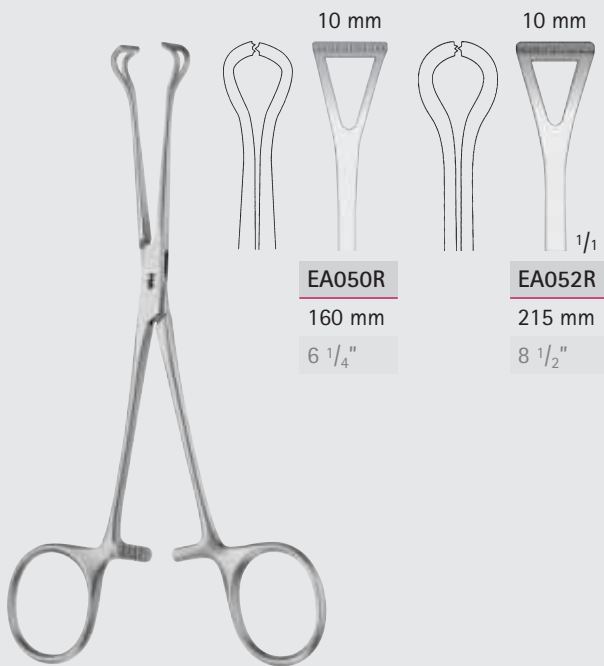
APRAUMATA®

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gewebe- und Organfasszangen

Tissue- and Organ Grasping Forceps

FB



BABCOCK

EA050R-EA052R



BABCOCK

FB936R

220 mm, 8 3/4"



BABCOCK

MD470

240 mm, 9 1/2"



MILLIMETERS

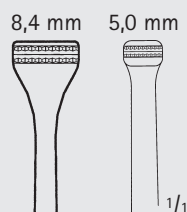


ALLIS

EA092R-EA101R



EA092R	EA095R	EA096R	EA097R	EA099R
155 mm	200 mm	220 mm	255 mm	300 mm
6"	8"	8 3/4"	10"	12"



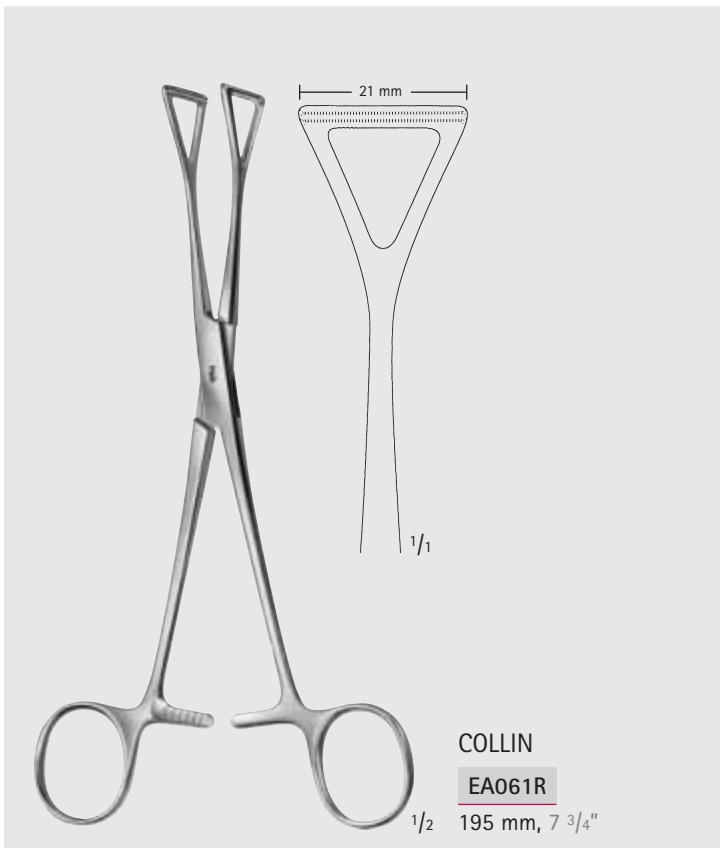
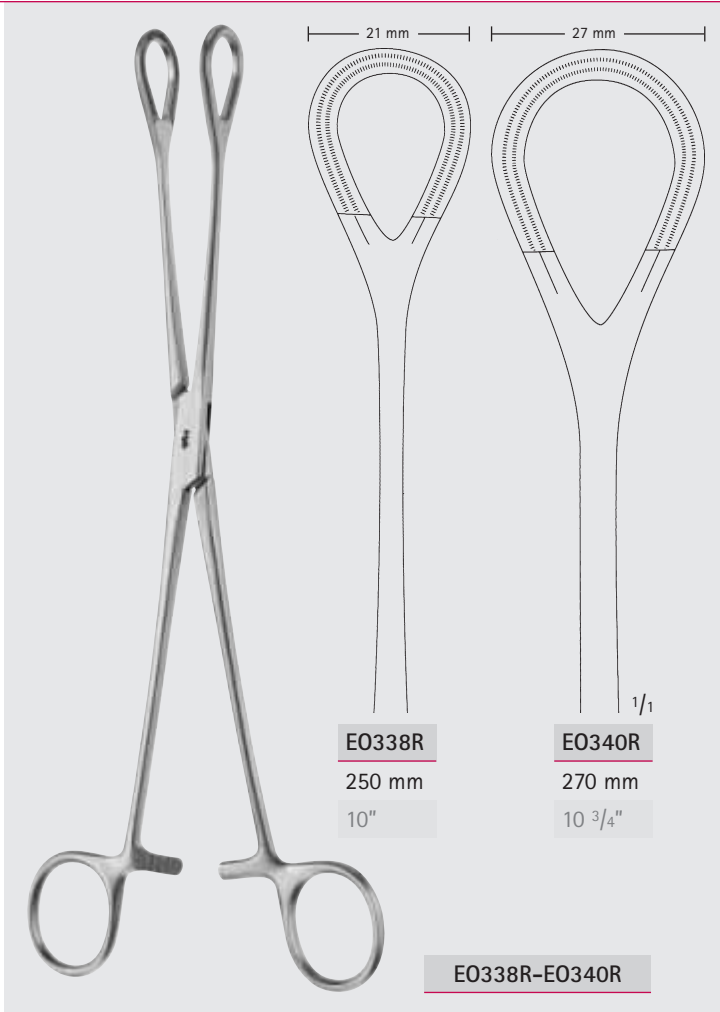
EA101R	EA100R
350 mm	295 mm
14"	11 3/4"



ALLIS

EA095R

besonders fein
 very delicate
 200 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Lungenfasszangen, -pinzetten

Lung Grasping Forceps

Weitere Gewebefasszangen siehe Rubrik EA

Weitere Ligaturklemmen siehe Rubrik BJ

Further tissue grasping forceps see section EA

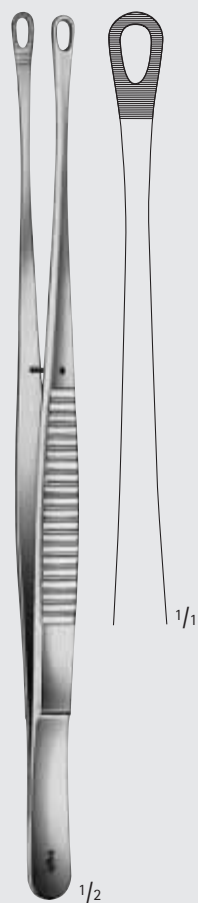
Further ligature forceps see section BJ



WILLIAMS

EA028R

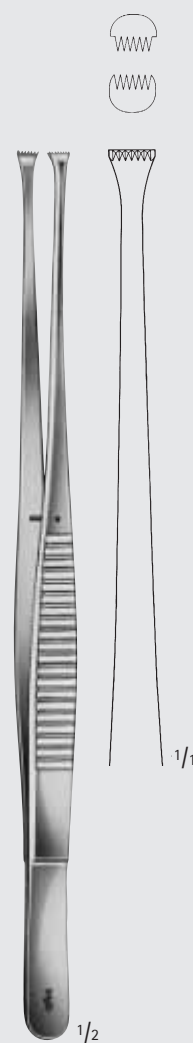
160 mm, 6 1/4"



TUTTLE

BD801R

230 mm, 9"



NELSON

BD802R

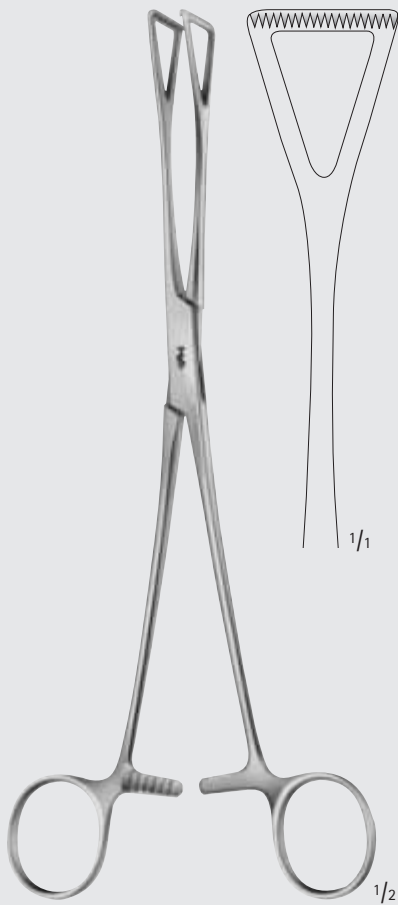
230 mm, 9"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Lungenfasszangen Lung Grasping Forceps

FB



DUVAL

FB930R

$\frac{1}{2}$ 230 mm, 9"



EA031R

170 mm

6 $\frac{3}{4}$ "

EA032R

215 mm

8 $\frac{1}{2}$ "

FB934R

220 mm

8 $\frac{3}{4}$ "

BABCOCK

EA031R-FB934R



ALLIS

FB938R

$\frac{1}{2}$ 220 mm, 8 $\frac{3}{4}$ "



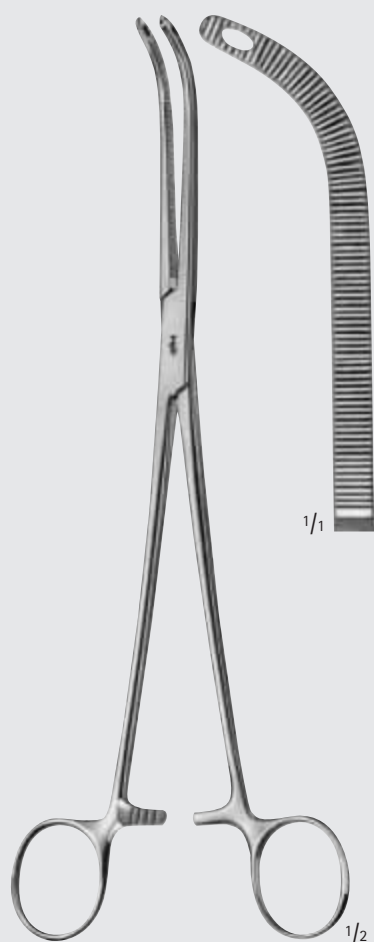
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

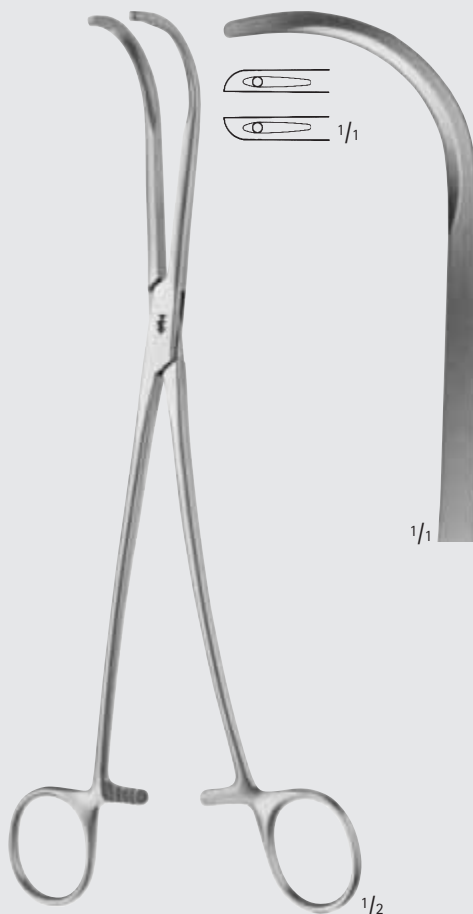
FB



FINOCHIETTO

BJ052R

245 mm, 9 3/4"



SEMB

FB961R

240 mm, 9 1/2"



WIKSTROEM

BJ051R

205 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

FB



MIXTER

BJ055R

230 mm, 9"



BJ061R

220 mm

8 ³/₄"

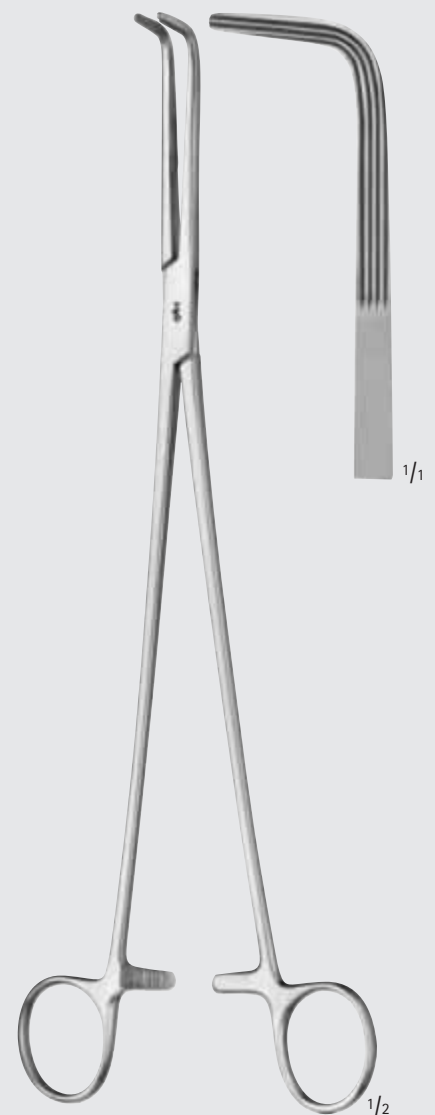
BJ062R

250 mm

10"

MIXTER

BJ061R-BJ062R



MIXTER

BJ073R

290 mm, 11 ¹/₂"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Fixierklemme, Carotis Shunt Klemmen

Fixation Clamp, Carotid Shunt Clamps

FB



BORST

FB940R

Klemme für eine effiziente Verklebung von Gewebeschichten bei der Aortendissektion
Forceps for efficient tissue gluing in aortic dissection

215 mm, 8 1/2"



JAVID

MB238R-MB239R

Carotis Shunt Klemmen
Carotid shunt clamps

MB238R

168 mm

6 5/8"

MB239R

180 mm

7"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen
Vascular Clamps

FB



BABY-SATINSKY

FB600R

Anastomosen-Klemme

Anastomosis clamp

$\frac{1}{2}$ 150 mm, 6"



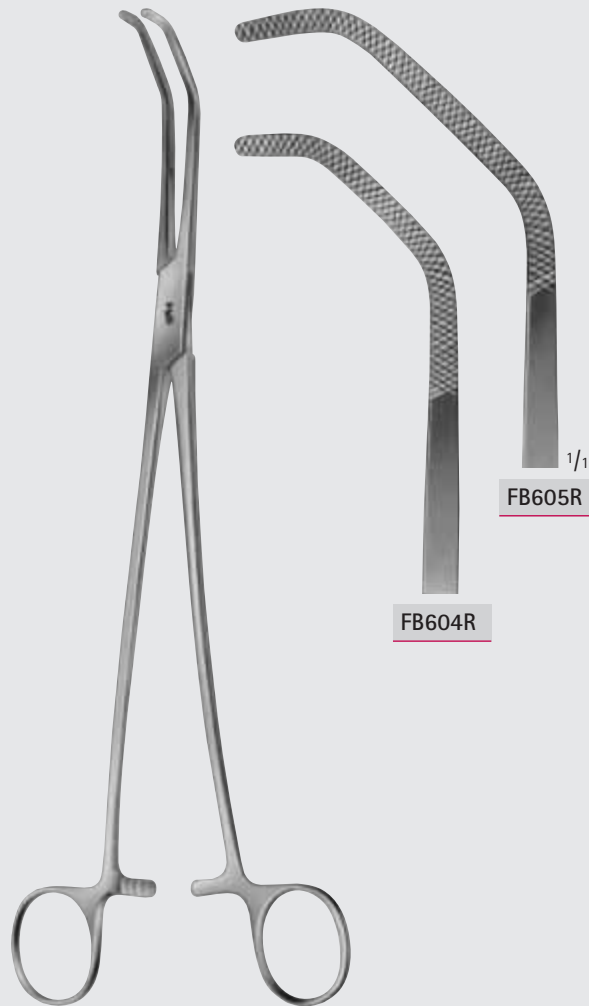
SATINSKY

FB602R

Anastomosen-Klemme

Anastomosis clamp

265 mm, 10 $\frac{1}{2}$ "



SATINSKY

FB604R-FB605R

Anastomosen-Klemmen

Anastomosis clamps

265 mm, 10 $\frac{1}{2}$ "



MILLIMETERS



FB633R

federnd
elastic

CRAFOORD-SELLORS

FB633R

240 mm, 9 1/2"



FB634R

federnd
elastic

FB635R

CRAFOORD

FB634R-FB635R

240 mm, 9 1/2"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bronchusklemmen Bronchus Forceps

FB



PRICE-THOMAS

FB950R

225 mm, 9"



FB954R
60 mm

FB955R
80 mm

FB954R-FB955R

230 mm, 9"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Spülkanülen, Embolusfasszangen

Irrigating Cannulae, Embolus Grasping Forceps

FB

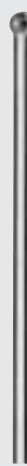


Ø 3 mm
diam. 3 mm



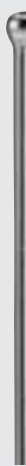
FB153R

Ø 4 mm
diam. 4 mm



FB154R

Ø 5 mm
diam. 5 mm



FB155R

Ø 6 mm
diam. 6 mm



FB156R

1/1

LUER
LOCK

1/2

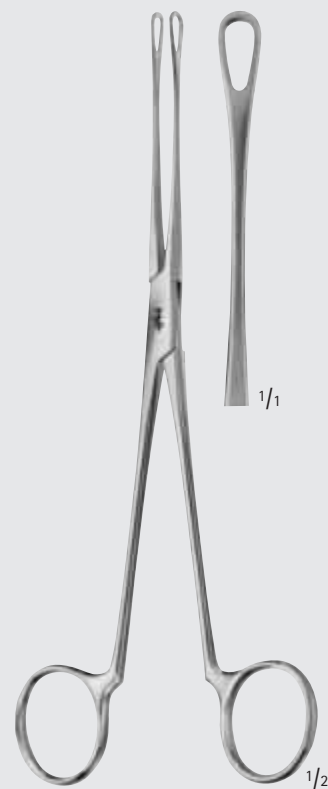
SCHMID

FB153R-FB156R

Gefäß-Spülkanülen,
biegsam, versilbert

Vessel irrigating cannulae,
malleable, silver plated

150 mm, 6"



BLAKE

EB220R

Embolusfasszange

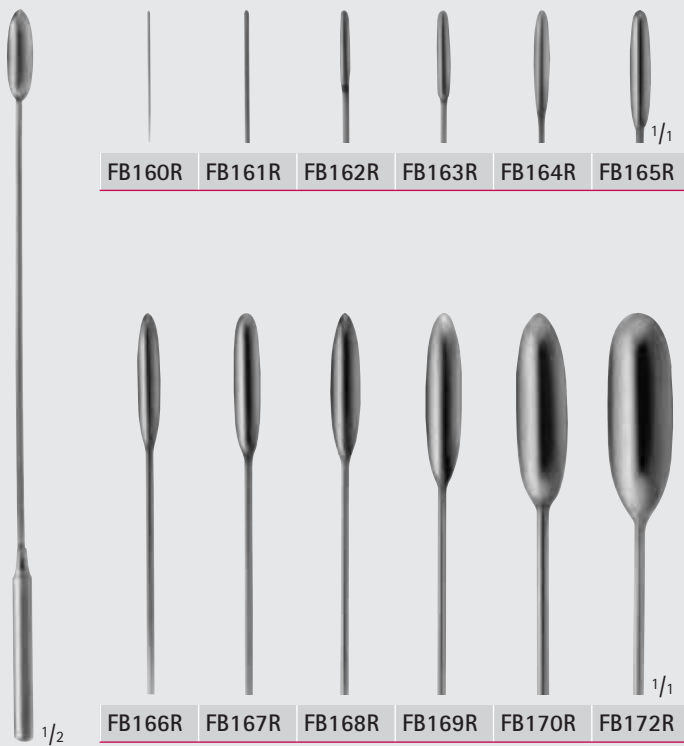
Embolus grasping forceps

205 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßdilatoren Vascular dilators

FB

	Ø Diam.
FB160R	0,5 mm
FB161R	1,0 mm
FB162R	1,5 mm
FB163R	2,0 mm
FB164R	2,5 mm
FB165R	3,0 mm

	Ø Diam.
FB166R	3,5 mm
FB167R	4,0 mm
FB168R	4,5 mm
FB169R	5,0 mm
FB170R	7,0 mm
FB172R	9,0 mm

DE BAKY

FB160R-FB172R

Gefäßdilatoren, biegsam
Vascular dilators, malleable
190 mm, 7 1/2"



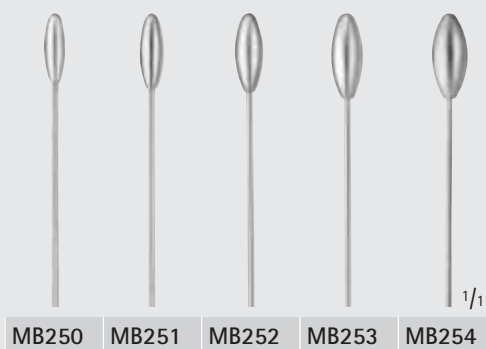
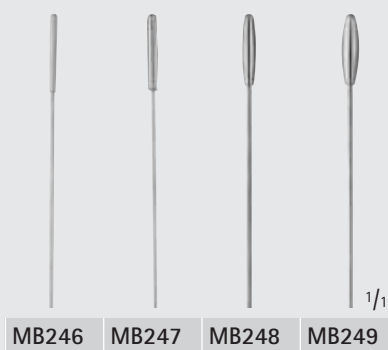
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßdilatoren

Vascular Dilators

FB



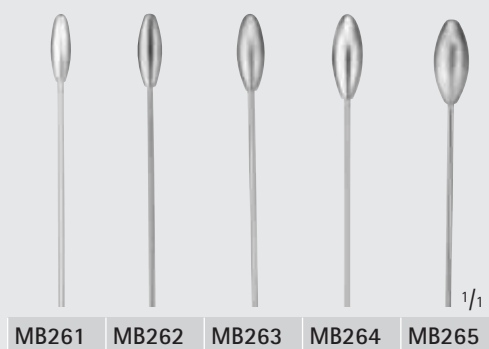
GARRETT

MB245

Set komplett,
bestehend aus:
MB246-MB254 jeweils 1 Dilator

Set complete,
consisting of:
MB246-MB254 1 dilator of each

140 mm, 5 1/2"



GARRETT

MB256

Set komplett,
bestehend aus:
MB257-MB265 jeweils 1 Dilator

Set complete,
consisting of:
MB257-MB265 1 dilator of each

215 mm, 8 1/2"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßspatel
Vascular Spatulas

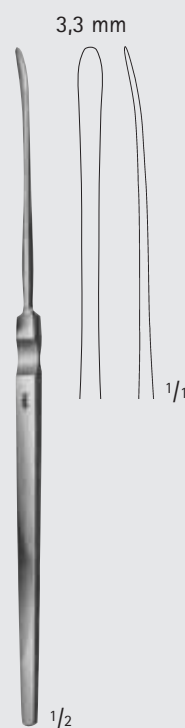
FB



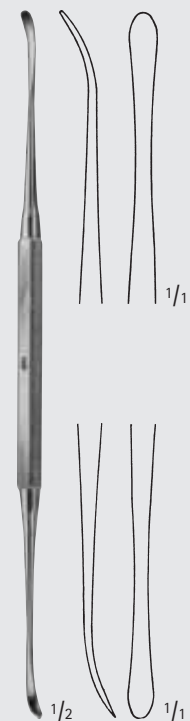
FB150R	185 mm	7 1/4"
FB151R	215 mm	8 1/2"



FD333R
230 mm, 9"



HALLE
OL160R
stumpf blunt
180 mm, 7"



FREER
OL165R
scharf/stumpf sharp/blunt
185 mm, 7 1/4"



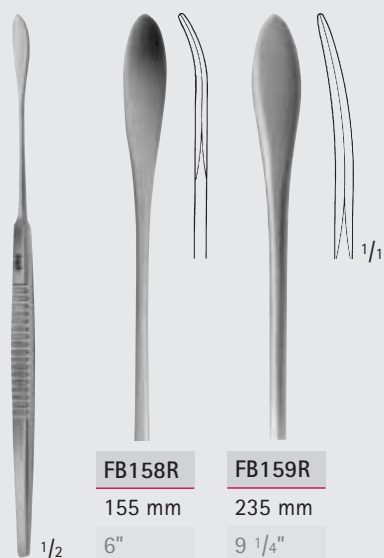
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßspatel

Vascular Spatulas

FB



FB158R

155 mm

6"

FB159R

235 mm

9 1/4"

SCHMID

FB158R-FB159R

stumpf

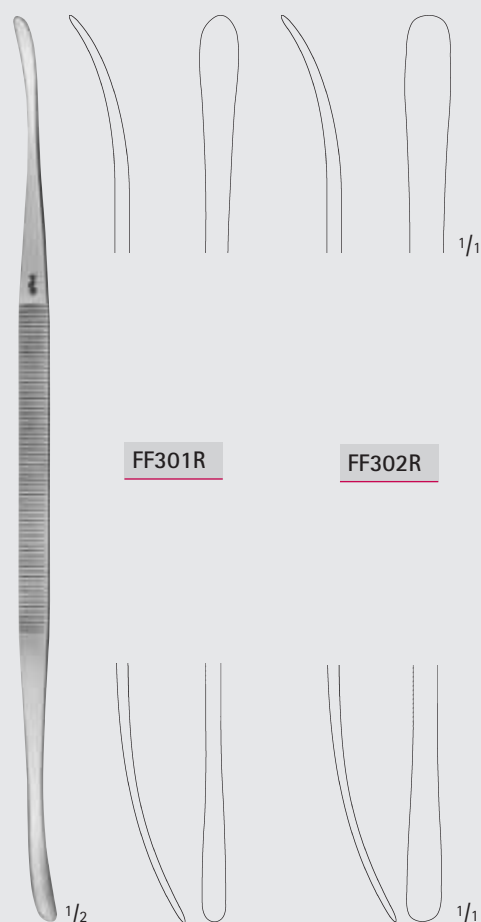
blunt



DAVIS

FF300R

245 mm, 9 3/4"



FF301R

FF302R

TÖNNIS

FF301R-FF302R

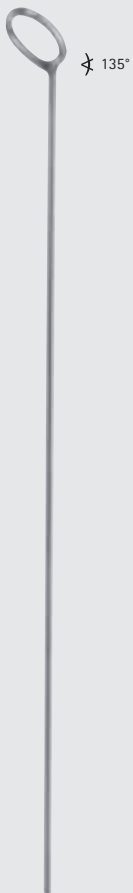
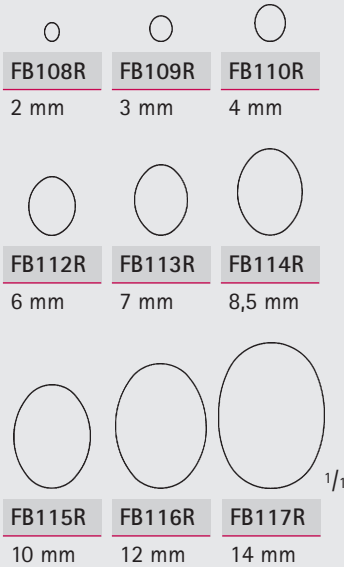
240 mm, 9 1/2"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Endarterektomiestripper, Tourniquets

Endarterectomy Strippers, Tourniquets



FB108R-FB117R
Endarterektomiestripper
Endarterectomy strippers
550 mm, 22"



FB119R
Griff für FB108R-FB117R
Handle for FB108R-FB117R
110 mm, 4 3/8"



RUMEL-BELMONT

FB651R
Ø
diam.
4 mm
325 mm, 13"



FB653R
Mandrin allein
Guide only



FB654R
Mandrin allein
Guide only

FB

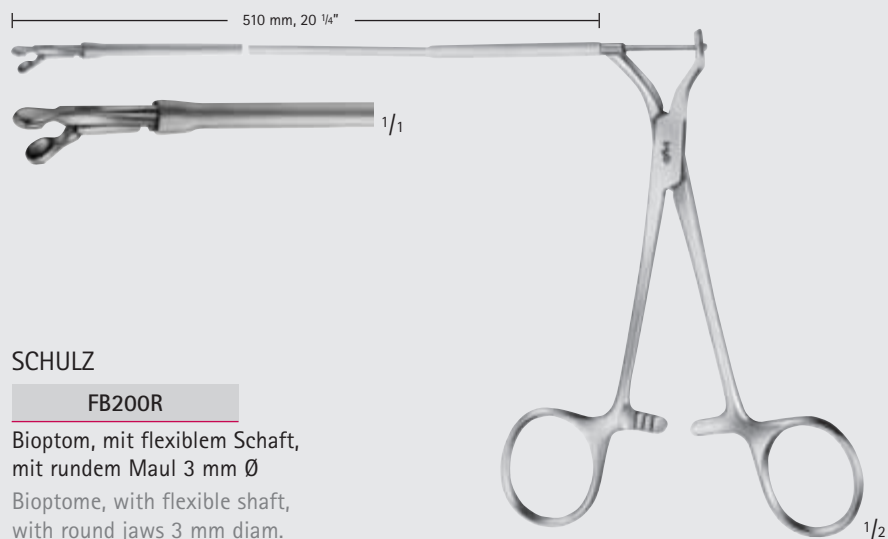


MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Biopptom und Aorta-Dilatatoren, Aortenstanzen

Biopptome und Aortic Dilators, Aorta Punches

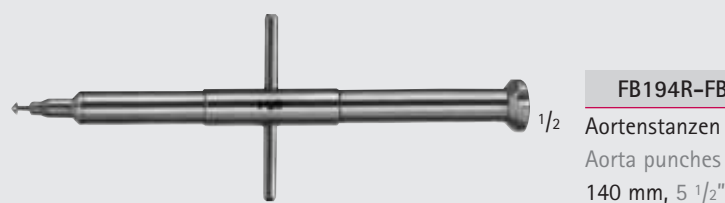


SCHULZ

FB200R

Biopptom, mit flexiblem Schaft,
mit rundem Maul 3 mm Ø

Biopptome, with flexible shaft,
with round jaws 3 mm diam.



FB194R-FB196R

Aortenstanzen

Aorta punches

140 mm, 5 1/2"



FB194R Ø 4 mm diam. 4 mm

FB195R Ø 5 mm diam. 4 mm

FB196R Ø 6 mm diam. 4 mm

VASCUCUT Stanzenköpfe
Bestelleinheit:

PAK = Packung à 5 Stück

VASCUCUT Punch heads

Sales unit:

PAK = Package of 5 pieces



FB184R

Ø 4 mm

diam. 4 mm

FB185R

Ø 5 mm

diam. 5 mm

FB186R

Ø 6 mm

diam. 6 mm

FB180R

VASCUCUT Handgriff allein

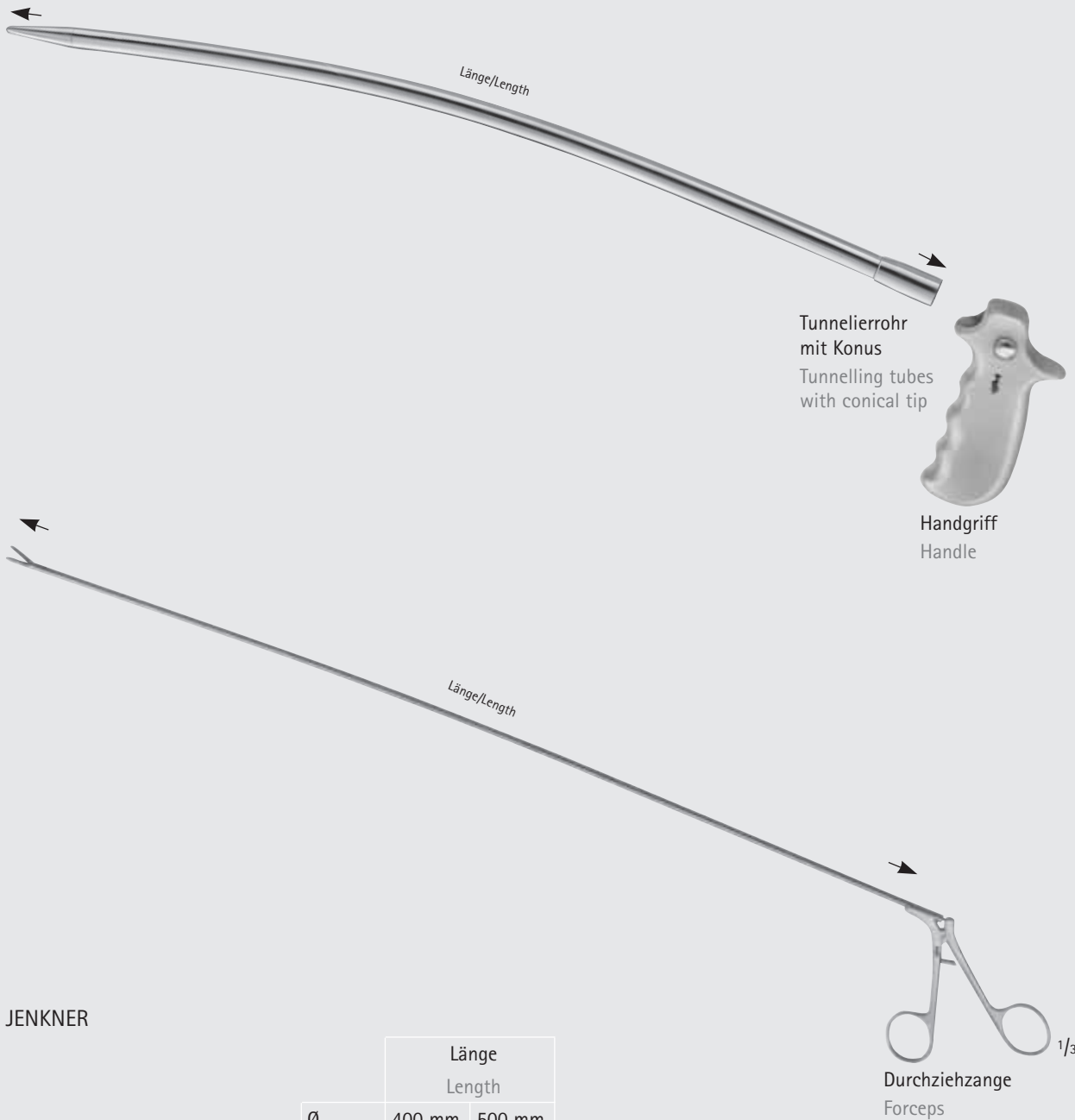
VASCUCUT Handle only



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Tunnelierungs- und Durchzugsinstrumentarium für Gefäßprothesen

Instrument Set for Tunnelling and Pulling-Through Vascular Grafts

FB**JENKNER**

	Ø Diam.	Länge Length	
		400 mm 20"	500 mm 20"
Tunnelierrohre mit Konus Tunnelling tubes with conical tip	12 mm	FC004R	FC005R
	14 mm	FC014R	FC015R
	17 mm		FC025R
Handgriff Handle		FC030	
Durchziehzange Forceps		FC034R	FC035R

Informationen über das operative Vorgehen siehe Prospekt C-060.
Information about the operative procedure see leaflet C-060.



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßprothesen-Durchziehzange

Vascular Prosthesis Draw-In Forceps

Die leichte Krümmung der Zange ermöglicht ein Handling beim Tunnelieren. Zum Durchziehen der Prothese kann die Zange entweder direkt angelegt werden (alloplastische Prothesen) oder mittels der Bulldogklemme (autologe/homologe Prothesen). Die Bulldogklemme sitzt dank Formschluss unverschiebbar und sicher im Maul der Einzugszange.

The slight curvature of the introducer forceps permits handling during tunneling. Here the prosthesis can be drawn in by applying the introducer forceps directly to the prosthesis (alloplastic prosthesis) or can be drawn in by means of the bulldog clamp (autologous/homologous prosthesis). Thanks to the interlocking fit, the bulldog clamp rests non-displaceable and securely in the mouth of the introducer forceps.



ALLENBERG

FC048R

gebogen
curved

540 mm, 21 1/2"



1/1

FC049R

Bulldog-Klemme
Bulldog clamp
40 mm, 1 1/2"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Sternum-Instrumente

Sternum Instruments

FB



WITT

SR421R

1,5 x 51 mm

Sternum-Punktionskanüle
mit Luer-Ansatz
Sternal puncture needle
with Luer cone



SCHUMACHER

FB911R

Sternumschere
Sternal shears
210 mm, 8 1/4"





BRAUN-STADLER

ET141R

Sternumschere für Kinder

Sternum shears for children

200 mm, 8"



LEBSCHKE

FB918R

Sternummeißel

Sternum chisel

200 mm, 8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippenscheren Rib Shears

FB



FB870R

230 mm, 9"



GLUCK

FB873

190 mm, 7 1/2"



BETHUNE

FB878R

340 mm, 13 1/2"



SAUERBRUCH

FB881R

für Kinder
for children

240 mm, 9 1/2"

FB882R

für Erwachsene
for adults

270 mm, 10 3/4"



MILLIMETERS



BRUNNER

FB892R

Universalmodell

Universal pattern

340 mm, 13 1/2"



GIERTZ-STILLE

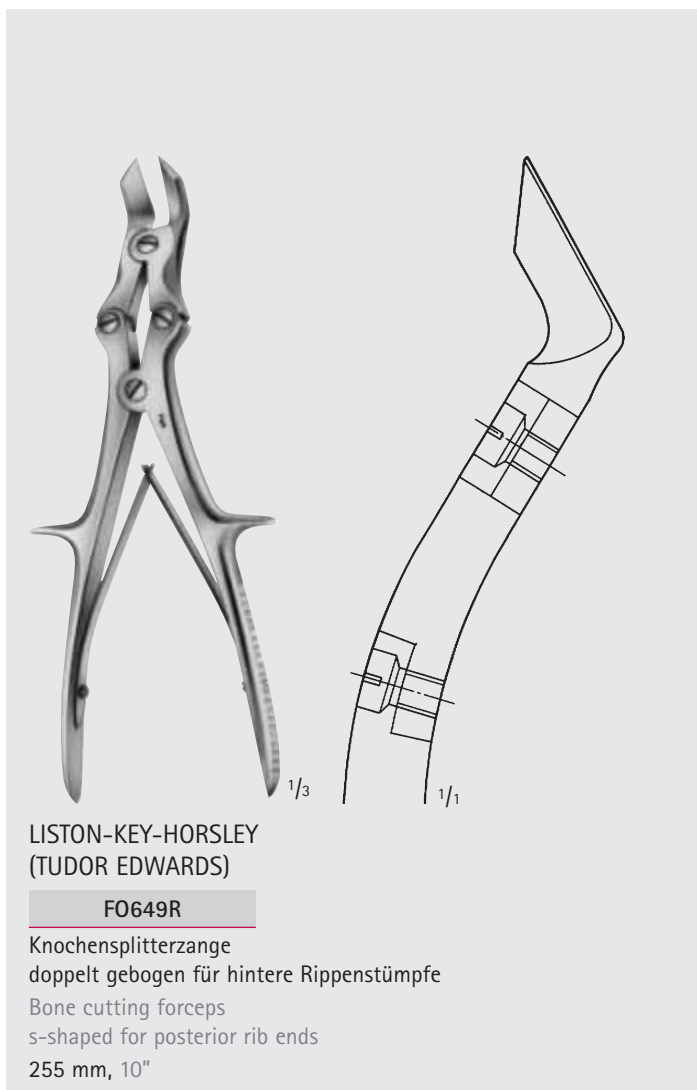
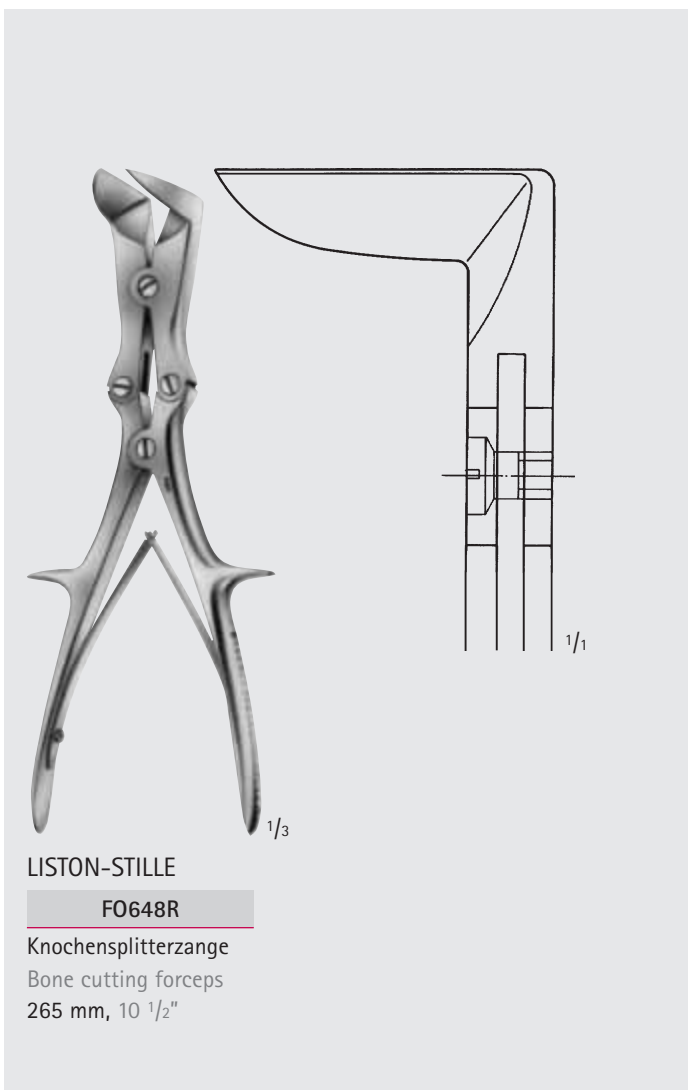
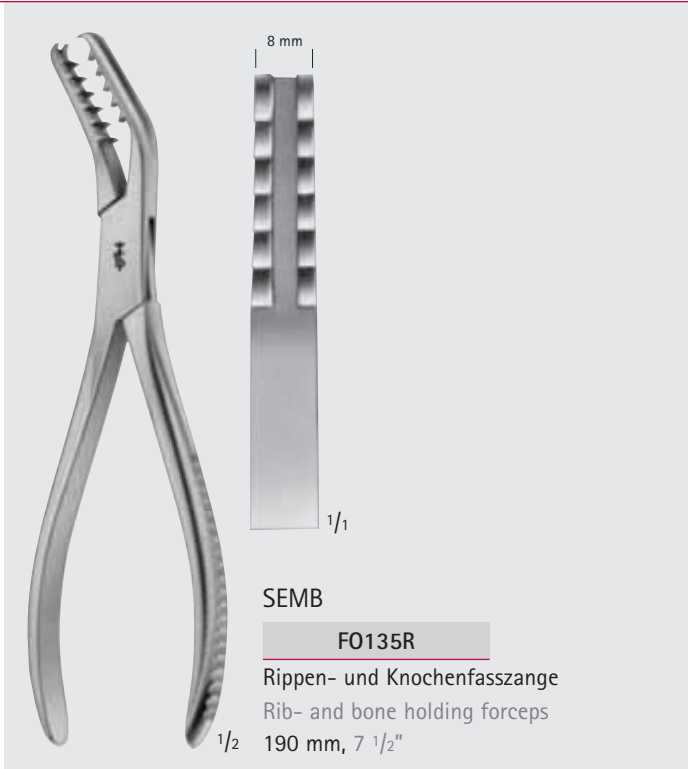
FB890R

250 mm, 10"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippenfasszangen, Knochensplitterzangen Rib Holding Forceps, Bone Cutting Forceps

FB



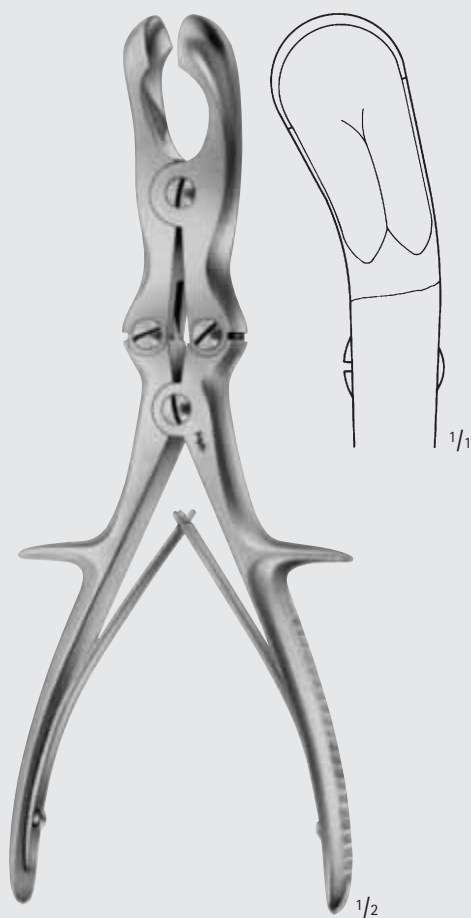
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Hohlmeißelzangen

Rib Rongeurs

Weitere Knochenhalte­zangen, Knochensplitterzangen und Hohlmeißelzangen siehe Rubrik FO

Further bone holding forceps, bone cutting forceps and bone rongeurs see section FO

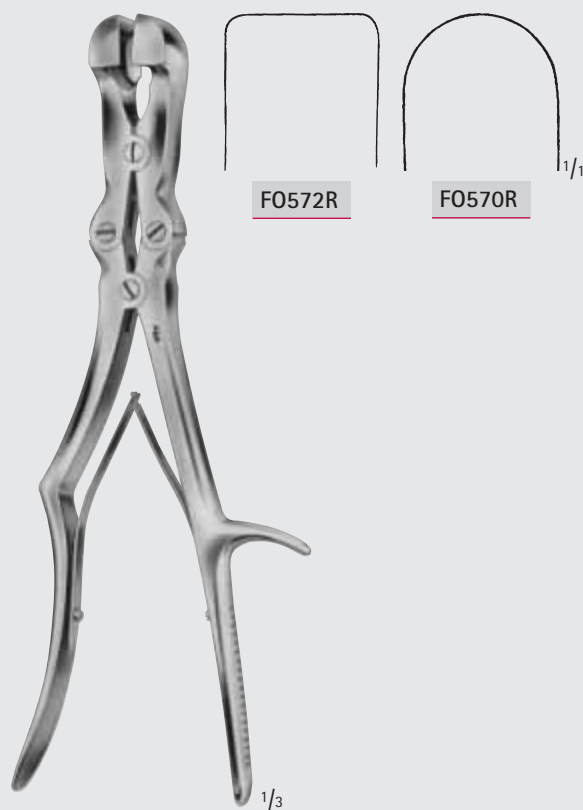


SEMB

FO555R

Hohlmeißelzange zum Kürzen der Rippenstümpfe
Rib rongeur to shorten the rib stumps

240 mm, 9 1/2"



SAUERBRUCH-CORYLLOS

F0570R-F0572R

Hohlmeißelzange zum Kürzen der Rippenstümpfe
Rib rongeur to shorten the rib stumps

310 mm, 12 3/8"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippenraspatorien Rib Raspatories

FB



DOYEN

FK400R-FK401R

für Kinder
for children
175 mm, 7"

1/2



DOYEN

FK408R-FK409R

240 mm, 9 1/2"

1/2



DOYEN

FK402R-FK403R

für Erwachsene
for adults
175 mm, 7"

1/2



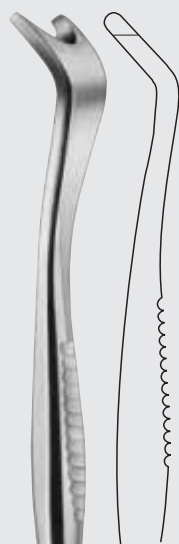
MILLIMETERS



SEMB

FK381R-FK387R

12 mm

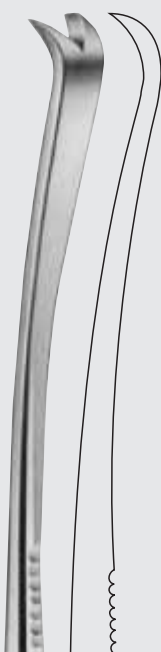


FK381R

190 mm

7 1/2"

12 mm

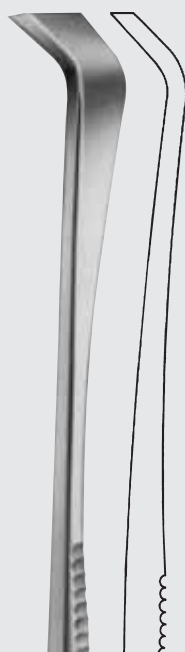


FK382R

230 mm

9"

13 mm

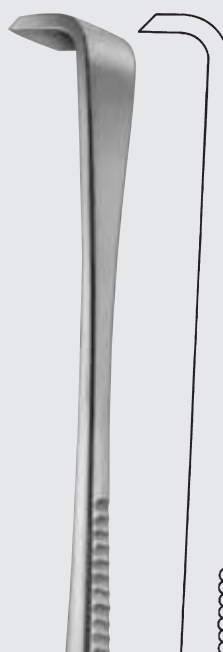


FK383R

230 mm

9"

13 mm

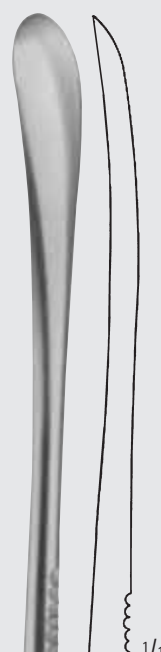


FK384R

230 mm

9"

15 mm



FK387R

230 mm

9"

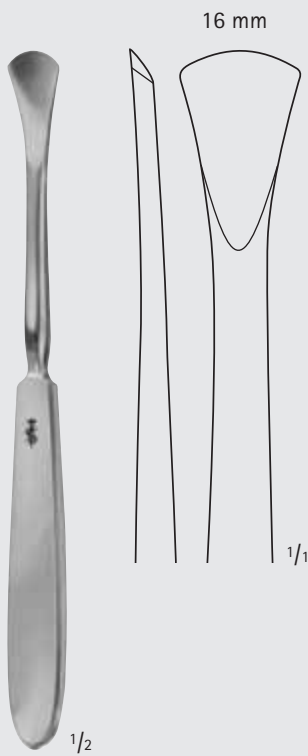
1 1/1



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippenraspatorien Rib Raspatories

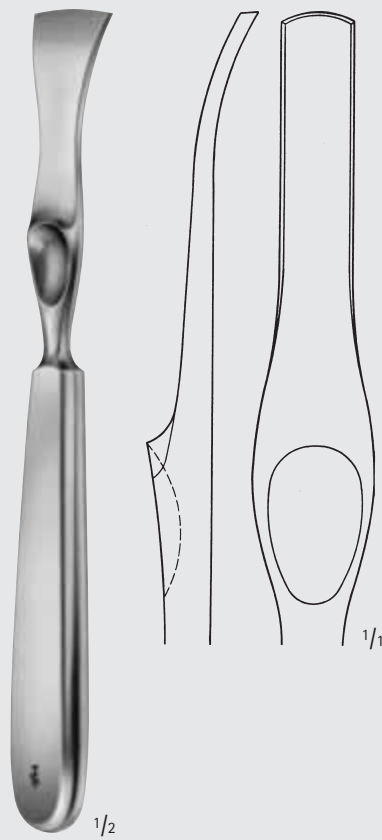
FB



LANGENBECK

FK360R

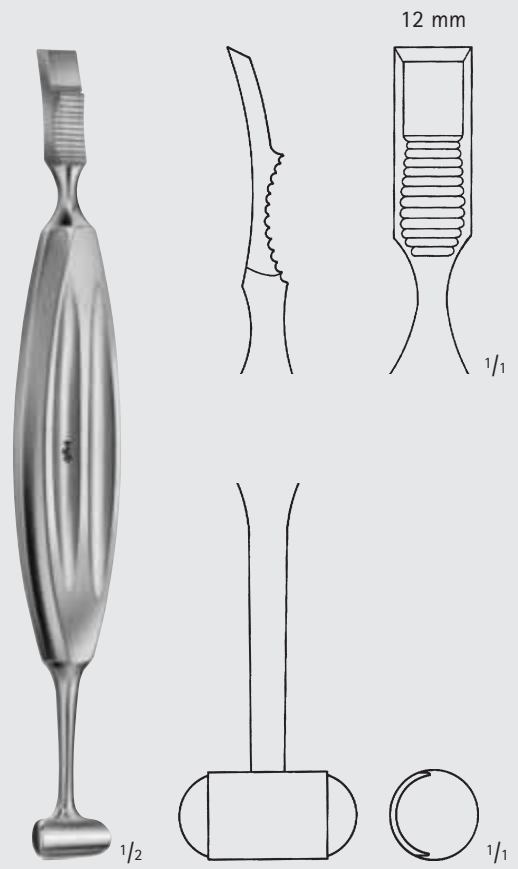
190 mm, 7 1/2"



LAMBOTTE

FK355R	5 mm
FK356R	10 mm
FK357R	15 mm
FK358R	20 mm
FK359R	25 mm

215 mm, 8 1/2"



ALEXANDER

FK420R

210 mm, 8 1/4"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer (Aluminium)

Thoracic Retractors (Aluminium)



Maßangaben für Blattgrößen der Rippensperrer

1. Zahl = Tiefe

Beispiel: 38 x 45 mm

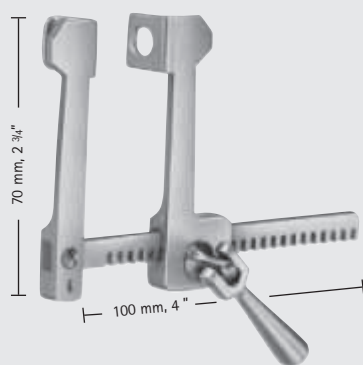
2. Zahl = Breite

Dimensions for blade size of rib spreaders:

1st number = depth

Example: 38 x 45 mm

2nd number = width



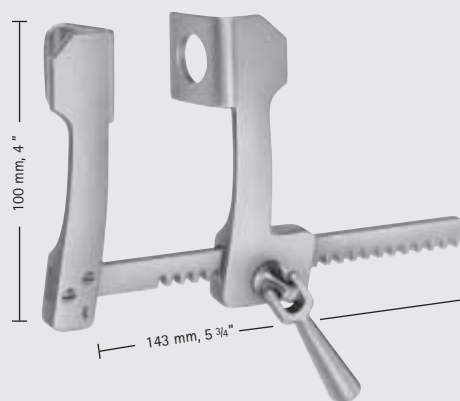
FINOCHIETTO

FC040A

Blätter

Blades

12 x 15 mm



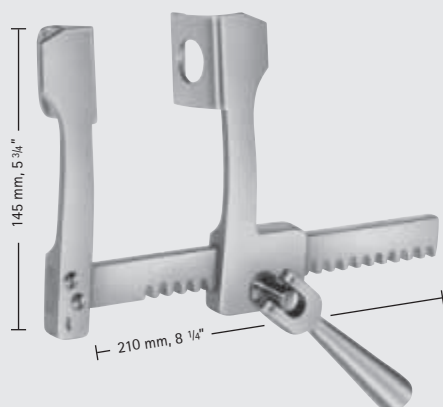
FINOCHIETTO

FC041A

Blätter

Blades

28 x 30 mm



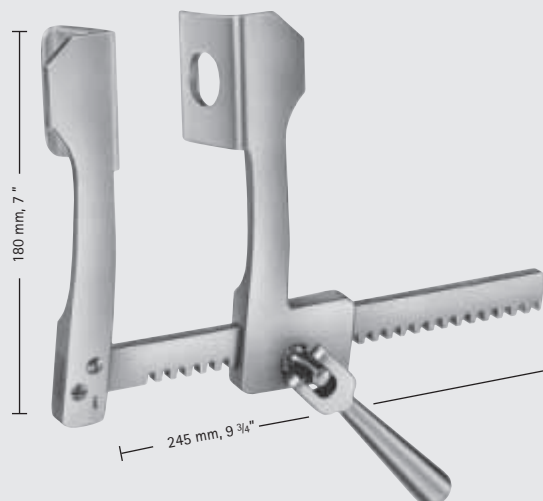
FINOCHIETTO

FC042A

Blätter

Blades

31 x 45 mm



FINOCHIETTO

FC043A

Blätter

Blades

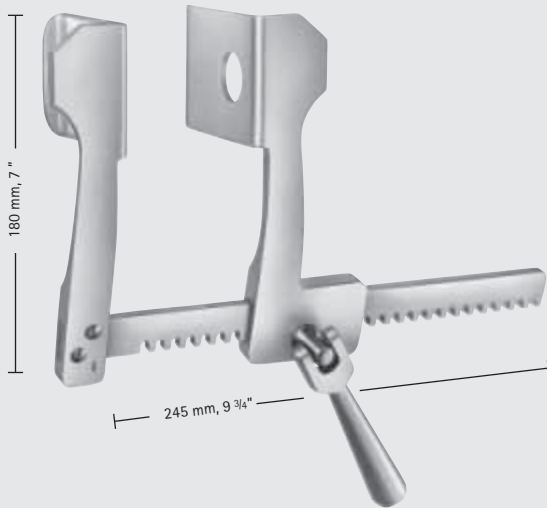
42 x 61 mm



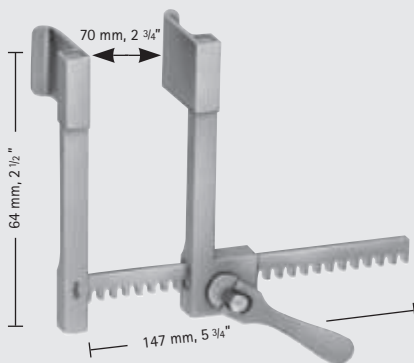
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer (Aluminium), Rippensperrer für Kleinkinder
Thoracic Retractors (Aluminium), Rib Retractors for Infants

FB



FINOCHIETTO
Blätter
Blades
FC044A 74 x 64 mm



STRUCK

FB852R

Rippensperrer für Kleinkinder
komplett,
bestehend aus:

- FB853R Sperrer allein
- FB857R Blätter (Paar)
- FB858R Blätter (Paar)

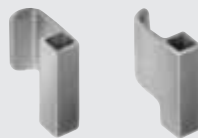
Rib spreader for infants complete,
consisting of:

- FB853R Retractor only
- FB857R Blades (pair)
- FB858R Blades (pair)



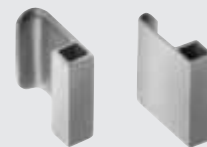
Blätter
Blades

FB854R 10 x 10 mm



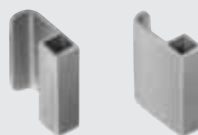
Blätter
Blades

FB855R 10 x 15 mm



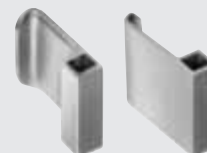
Blätter
Blades

FB857R 15 x 20 mm



Blätter
Blades

FB856R 10 x 20 mm



Blätter
Blades

FB858R 20 x 20 mm



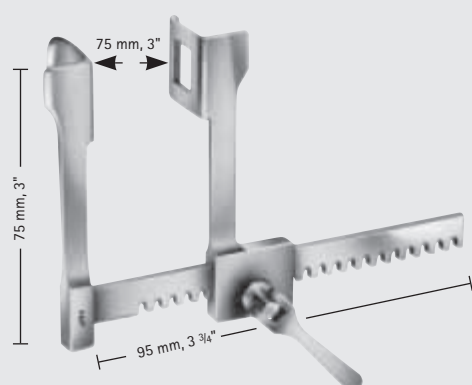
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer für Kinder

Rib Retractors for Infants

FB



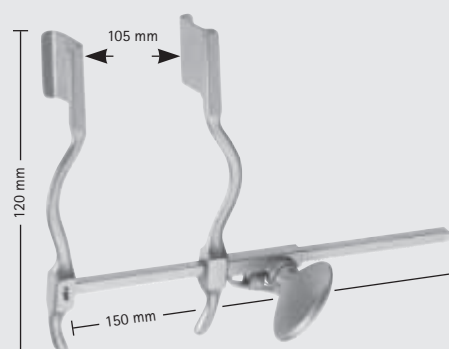
FINOCHIETTO

FB830R

Blätter

Blades

18 x 21 mm



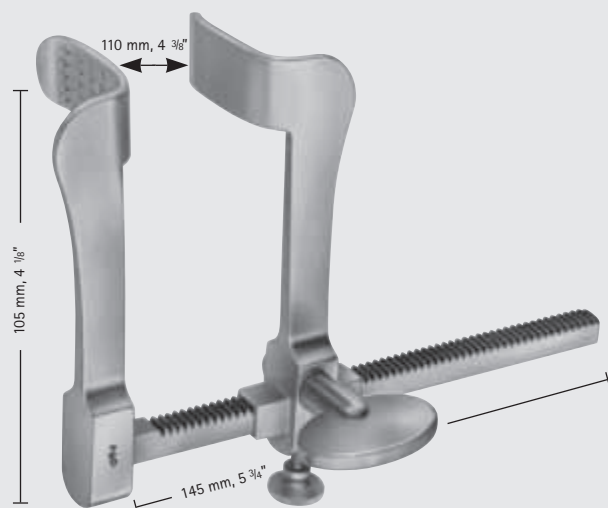
HERTZLER

BV512R

Blätter

Blades

20 x 25 mm



TUFFIER

FB847R

Blätter

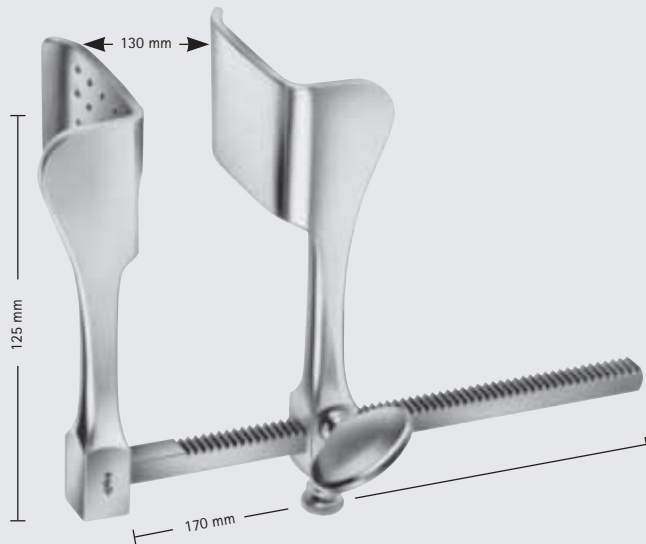
Blades

32 x 19 mm

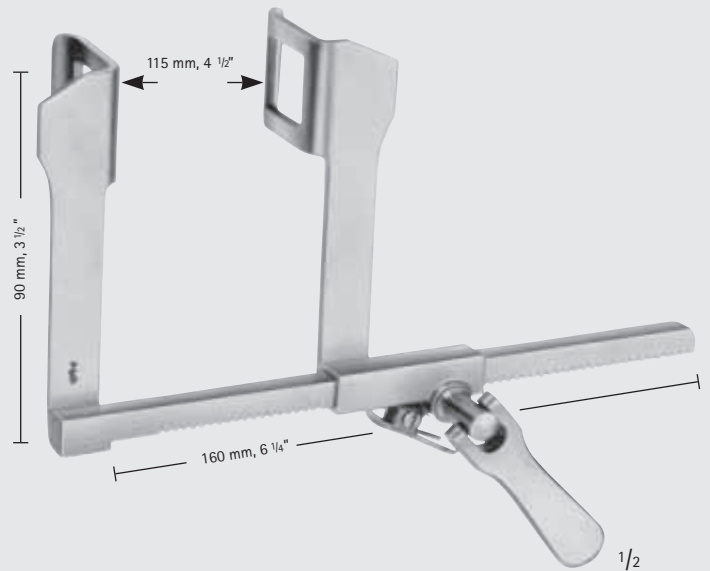


Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

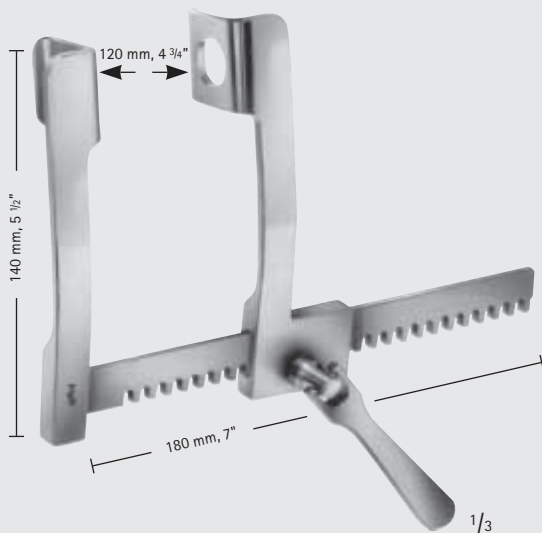
Rippensperrer Rib Retractors

FB**TUFFIER**Blätter
Blades**FB800R**

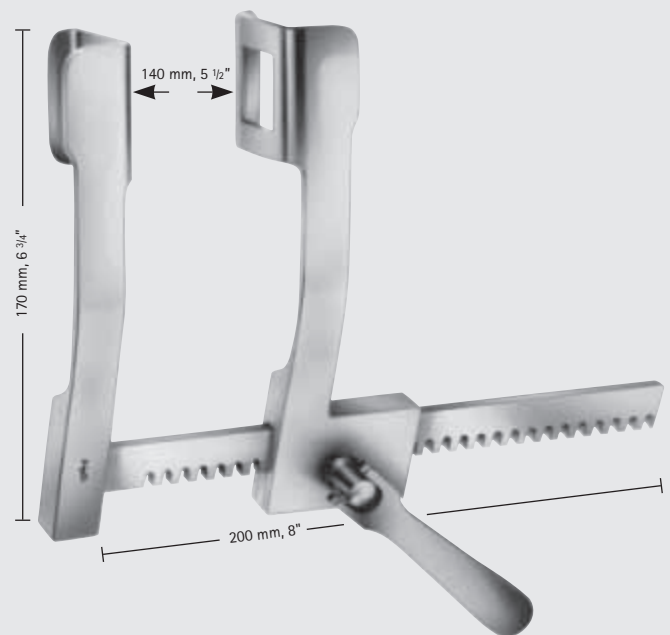
43 x 53 mm

**HAIGHT**Blätter
Blades**FB835R**

30 x 30 mm

**FINOCHIETTO**Blätter
Blades**FB836R**

28 x 32 mm

**FINOCHIETTO**Blätter
Blades**FB802R**

36 x 45 mm



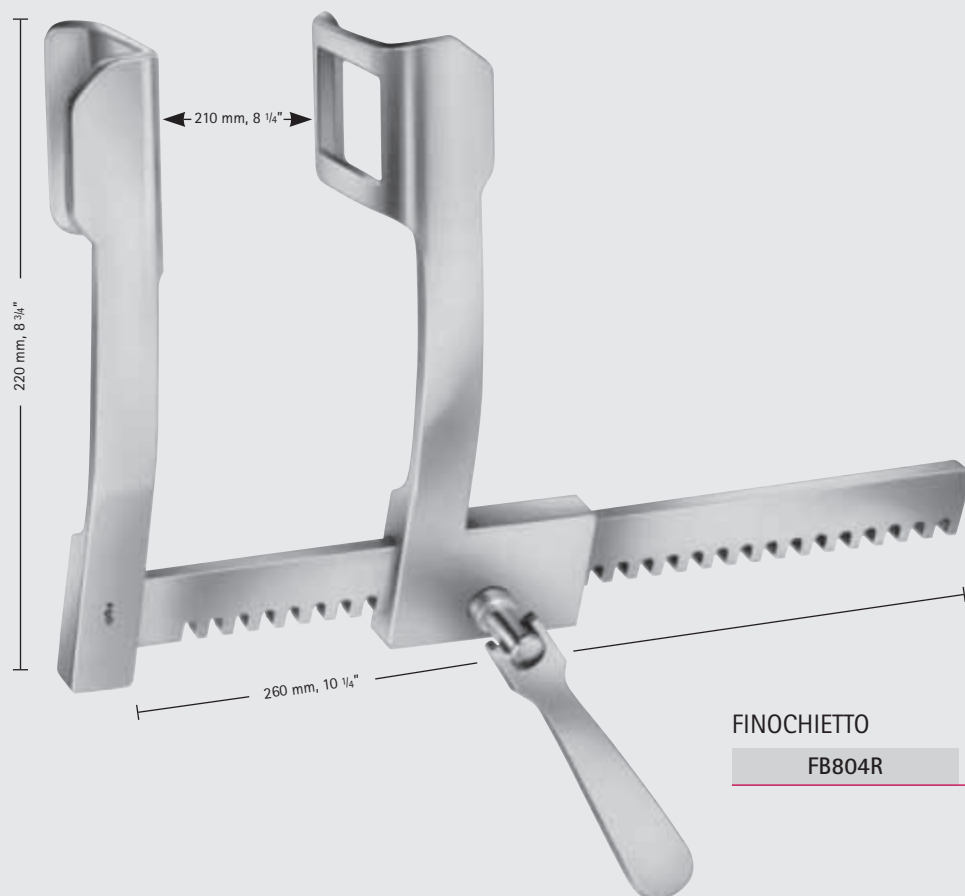
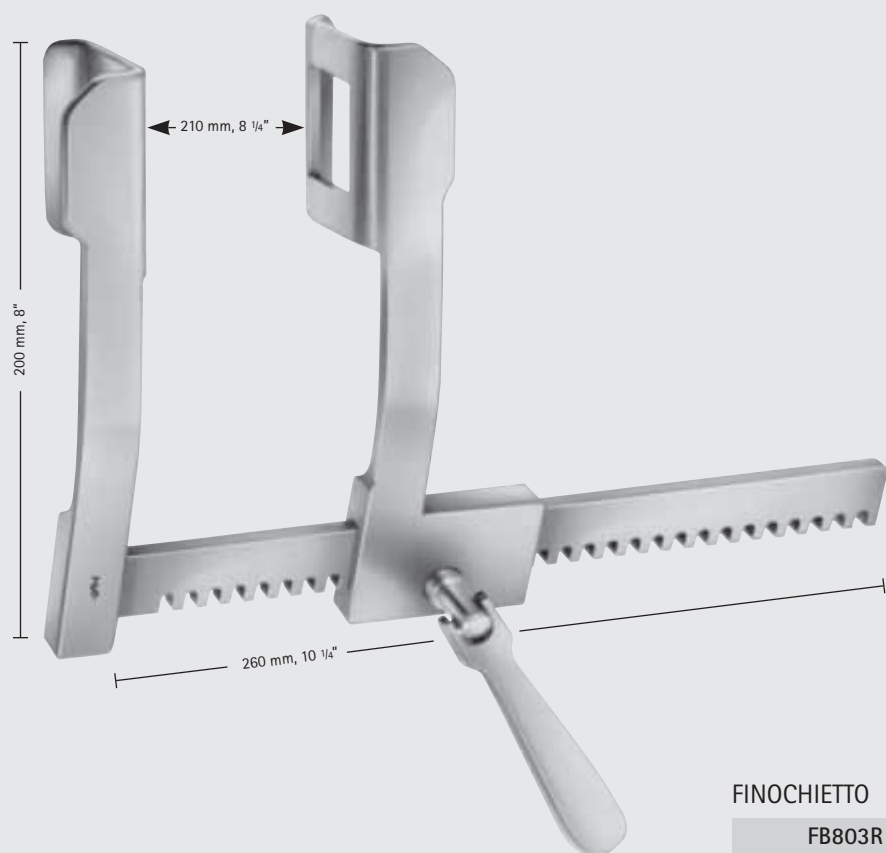
MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer

Rib Retractors

FB

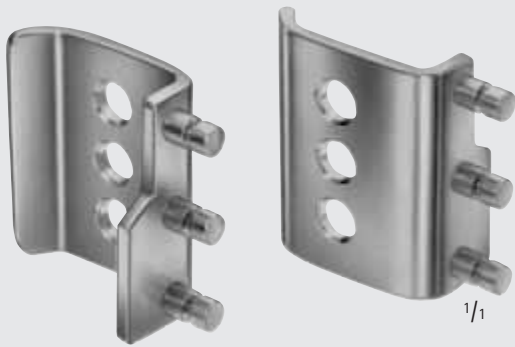




Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer
Rib Retractors

FB



Blätter
Blades

FB806R

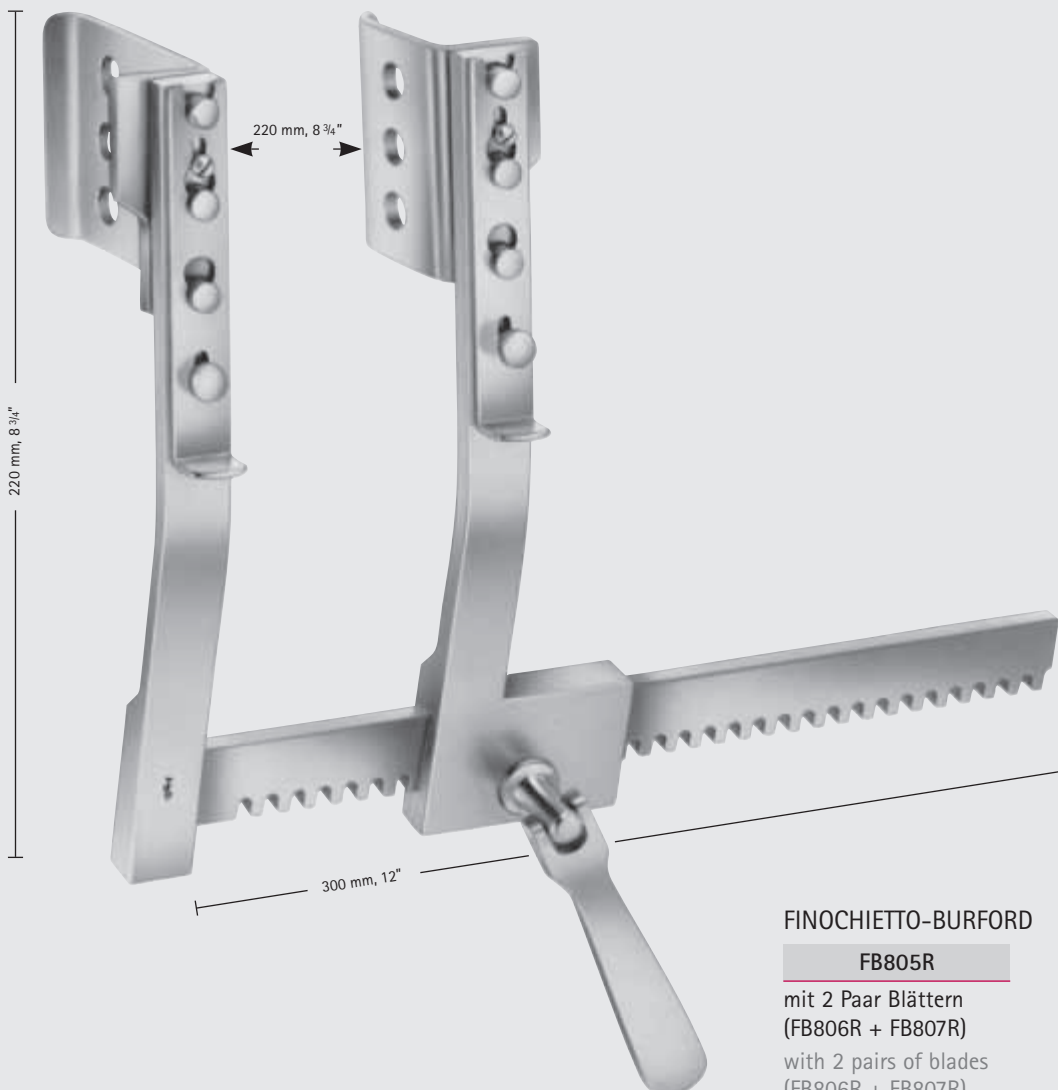
45 x 64 mm



Blätter
Blades

FB807R

75 x 64 mm



FINOCHIETTO-BURFORD

FB805R

mit 2 Paar Blättern
(FB806R + FB807R)
with 2 pairs of blades
(FB806R + FB807R)



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer

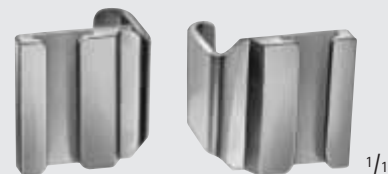
Rib Retractors

Besondere Vorteile:

- Blätter ohne Schrauben und Hebel austauschbar.
- Keine überstehenden Teile, glatte Flächen, daher kein Hängenbleiben von Ligaturfäden usw.

Special advantages:

- Improved fixing system for interchangeable blades.
- No protruding parts, therefore no risk of catching sutures.



FB810R 30 x 30 mm

Blätter

Blades



FB811R 40 x 40 mm

Blätter

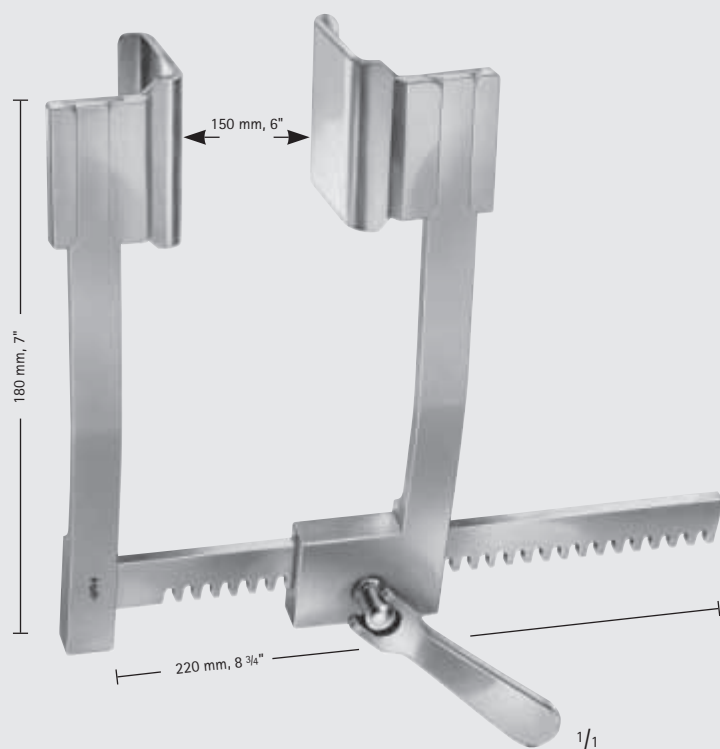
Blades



FB812R 50 x 50 mm

Blätter

Blades



DE BAKEY

FB808R

Rippensperrer komplett,
bestehend aus:

- FB809R Sperrer allein
- FB810R Blätter (Paar)
- FB811R Blätter (Paar)
- FB812R Blätter (Paar)

Rib spreader complete,
consisting of:

- FB809R Spreader only
- FB810R Blades (pair)
- FB811R Blades (pair)
- FB812R Blades (pair)

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

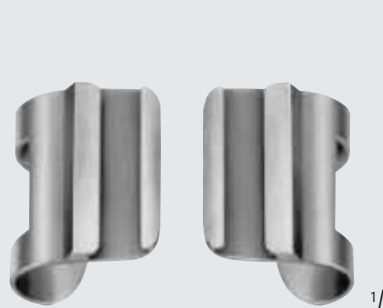
Rippensperrer Rib Retractors

Besondere Vorteile:

- Blätter ohne Schrauben und Hebel austauschbar.
- Keine überstehenden Teile, glatte Flächen, daher kein Hängenbleiben von Ligaturfäden usw.

Special advantages:

- Improved fixing system for interchangeable blades.
- No protruding parts, therefore no risk of catching sutures.



FB813R 50 x 66 mm
Sternotomieblätter
Sternotomy blades



FB816R 60 x 60 mm
Blätter
Blades



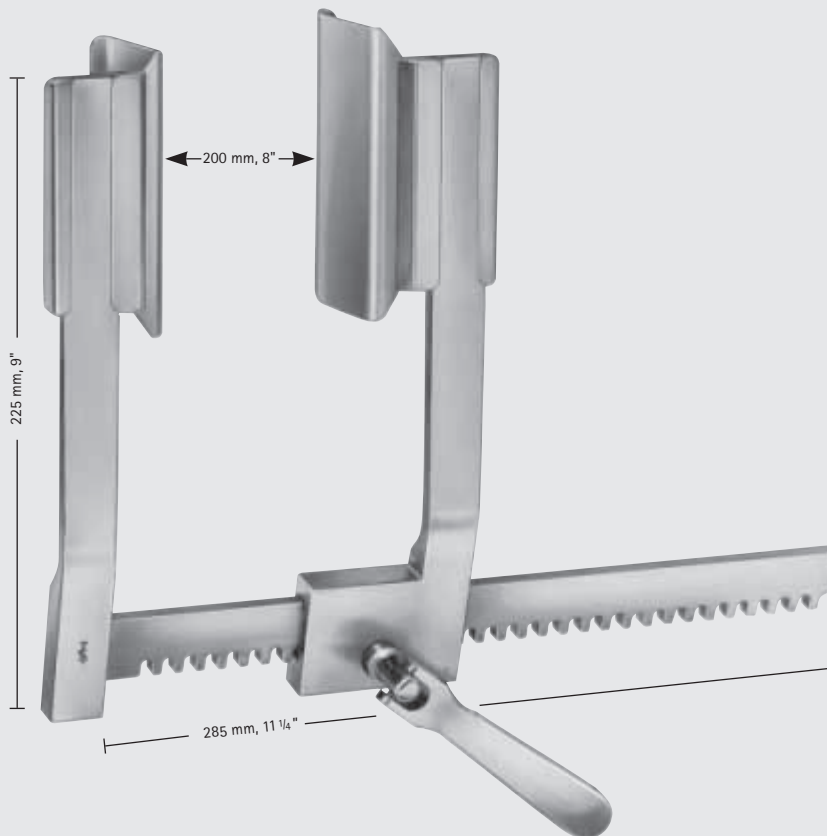
FB817R 50 x 80 mm
Blätter
Blades



FB818R 40 x 100 mm
Blätter
Blades



FB819R 80 x 60 mm
Blätter
Blades



DE BAKEY

FB814R

Rippensperrer komplett,
bestehend aus:

- FB815R Sperrer allein
- FB816R Blätter (Paar)
- FB817R Blätter (Paar)
- FB818R Blätter (Paar)

Spreader complete,
consisting:

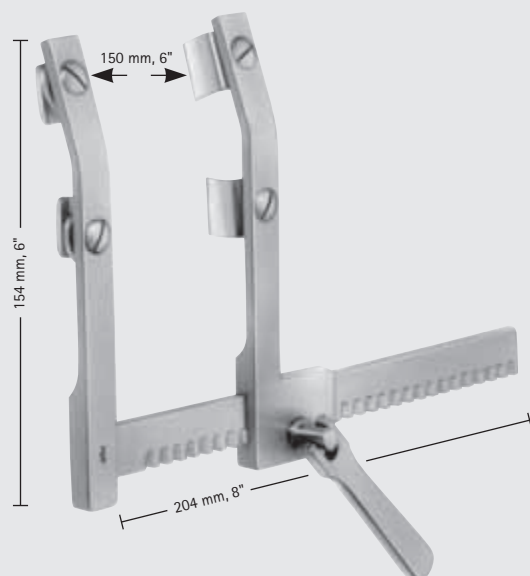
- FB815R Spreader only
- FB816R Blades (pair)
- FB817R Blades (pair)
- FB818R Blades (pair)

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Sternum-Sperrer

Sternum Spreaders

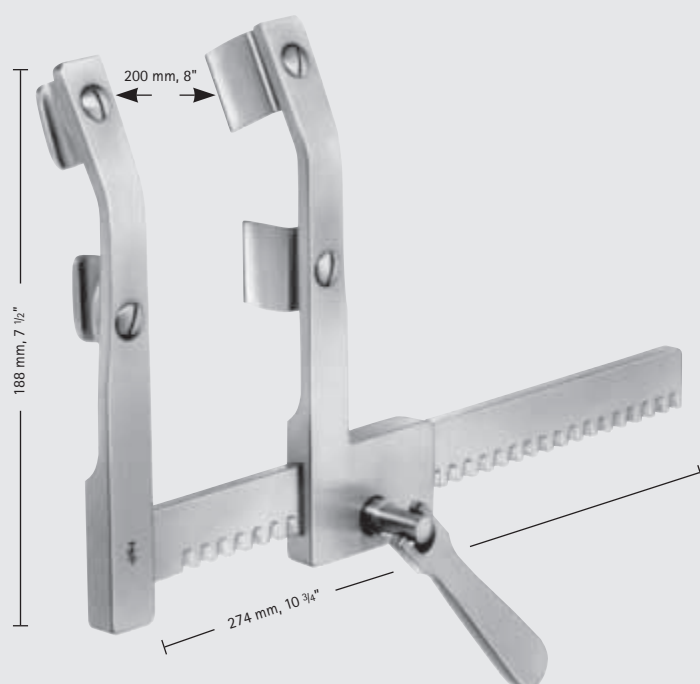
FB



MORSE

FB845R

für Kinder
mit beweglichen Doppelblättern
Blätter jeweils 12 x 20 mm
for children
with movable double blades
each blade 12 x 20 mm



MORSE

FB846R

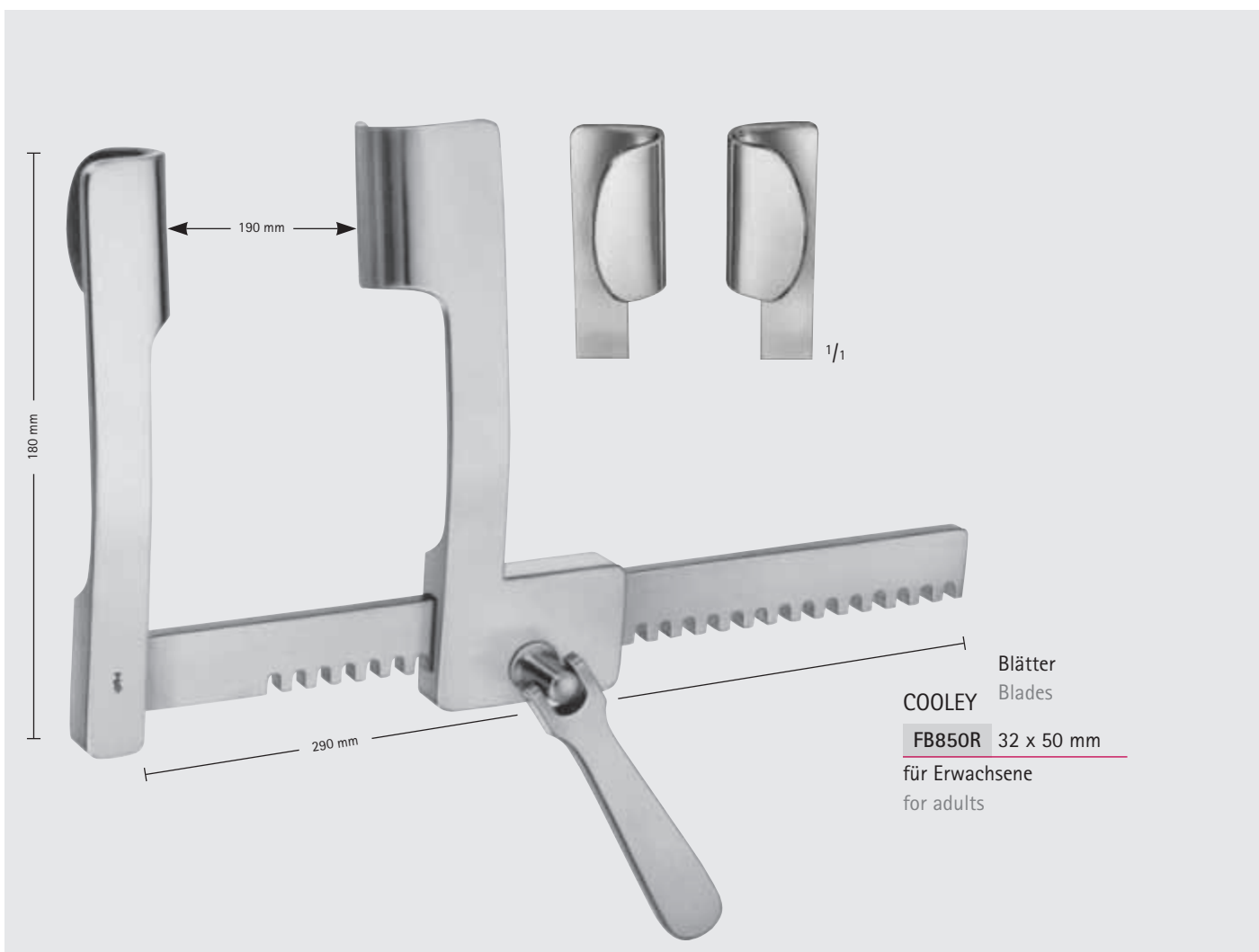
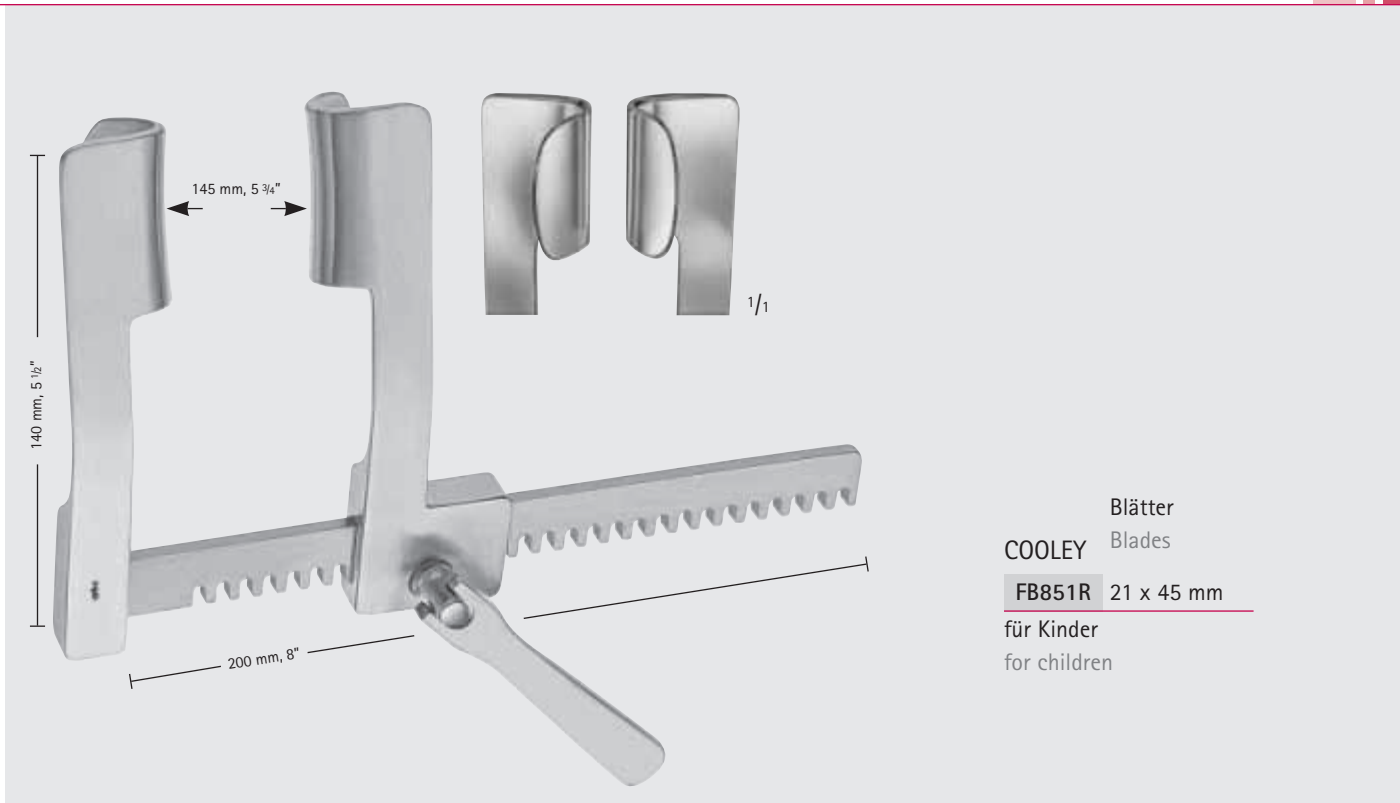
für Erwachsene
mit beweglichen
Doppelblättern
Blätter jeweils 19 x 29 mm
for adults
with movable double blades
each blade 19 x 29 mm



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Sternum-Sperrer Sternum Spreaders

FB



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer

Thoracic Retractor

FB



160 mm, 6 1/4"

240 mm, 9 1/2"



1/1

FB823R 75 x 75 mm

Blätter

Blades



1/1

FB822R 42 x 65 mm

Blätter

Blades



1/2

FB820R

Thoraxsperrer (Mercedes-Sperrer) komplett, bestehend aus:

FB821R Sperrer allein

FB822R Blätter (Paar)

FB823R Blätter (Paar)

Thoracic retractor (Mercedes-Retractor)

complete, consisting of:

FB821R Retractor only

FB822R Blades (pair)

FB823R Blades (pair)

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Sternum-Sperrer

Sternum Retractors

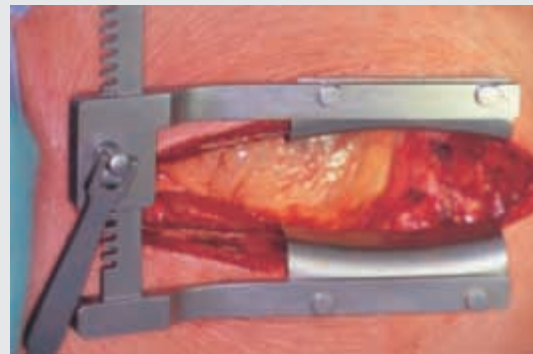
Der Sperrer kann optional nach kranial (Bild 2, 2a) und kaudal (Bild 1, 1a) eingesetzt werden, wobei beim Einsatz nach kranial die Aufbiegung der Arme nach oben, vom Patienten weg zeigt, um Druck auf den Hals zu vermeiden.

The spreader can be used optionally in cranial (picture 2, 2a) or caudal (picture 1, 1a) position. As the retractor is used in cranial position the bend up arms show away from the patient in order to protect the neck from pressure.



1

Einsatz als Sternumsperrer (Bild 1, 2)



2

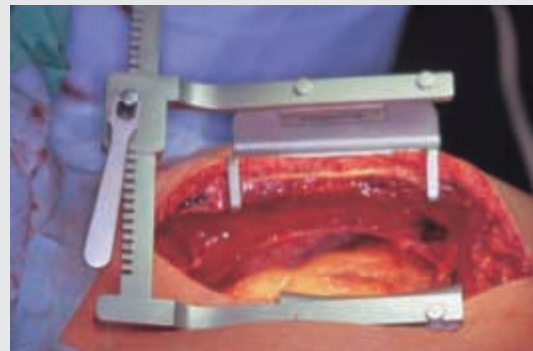
Used as sternum retractor (picture 1, 2)



1a

Einsatz zur Darstellung der Arteria mammaria interna (Bild 1a, 2a).

Die Seite des Sternums, auf der die Arteria mammaria interna präpariert werden soll, wird durch die Spreizwirkung des Sperrers automatisch angehoben. Das Ergebnis ist eine einfachere Präparation der Arteria mammaria interna.



2a

Used for preparation of the arteria mammaria interna (picture 1a, 2a).

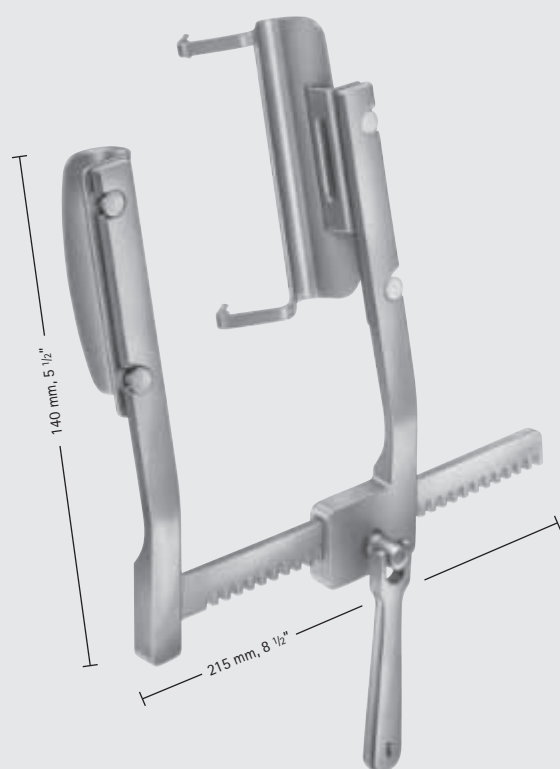
The side of the sternum, where the arteria mammaria interna shall be dissected is lifted up automatically due to the spreading effect of the retractor. The result is an easier preparation of the arteria mammaria interna.

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Sternum-Sperrer

Sternum Retractors

FB



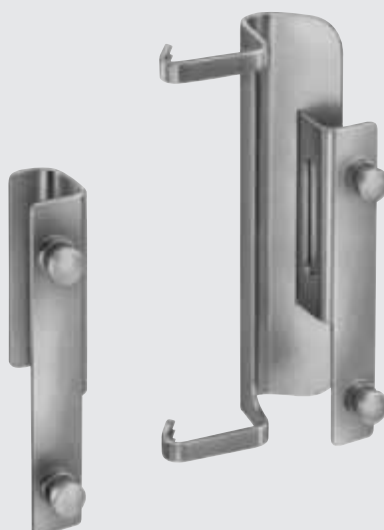
FC060R

Mammia Sperrer komplett,
bestehend aus:

- FC061R Sperrer allein
- FC062R Mammia-blatt, komplett mit
Aufnahmeblatt links und rechts
- FC063R Sternumblätter (Paar)
- FC064R Sternumblätter (Paar)

Mammia spreader complete,
consisting of:

- FC061R Retractor only
- FC062R Mammia-blade complete with
holding blades left and right
- FC063R Sternum blades (pair)
- FC064R Sternum blades (pair)



FC062R

Mammia-blatt, komplett
Mammia blade, complete



FC063R 30 x 100 mm

Sternumblätter
Sternum blades



FC064R 40 x 100 mm

Sternumblätter
Sternum blades



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer und -Konraktoren Rib Spreaders- and Contractors

FB



SELLORS

FB840R

Rippensperrer und -kontraktor
mit drehbaren Klauen

Rib spreader- and contractor
with swivel blades

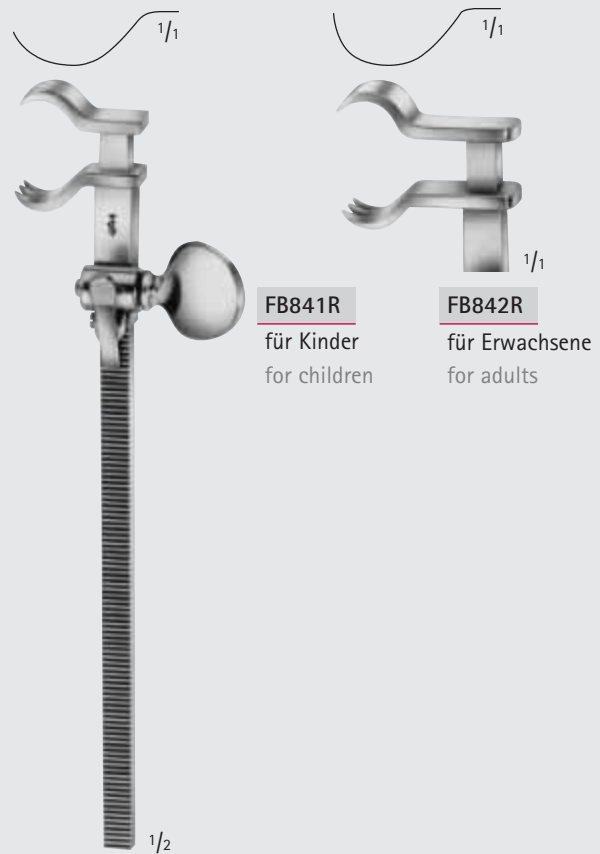
200 mm, 8"



BAILEY

FB844R

150 mm, 6"



FB841R

für Kinder
for children

FB842R

für Erwachsene
for adults

BAILEY

FB841R–FB842R

200 mm, 8"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Wundhaken, Lungenspatel

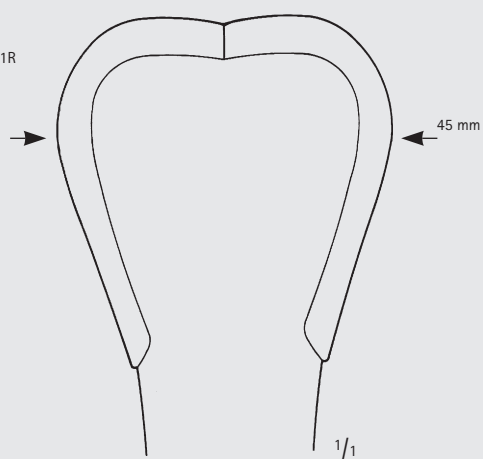
Retractors, Lung Spatulas

Weitere Wundhaken siehe Rubrik BT

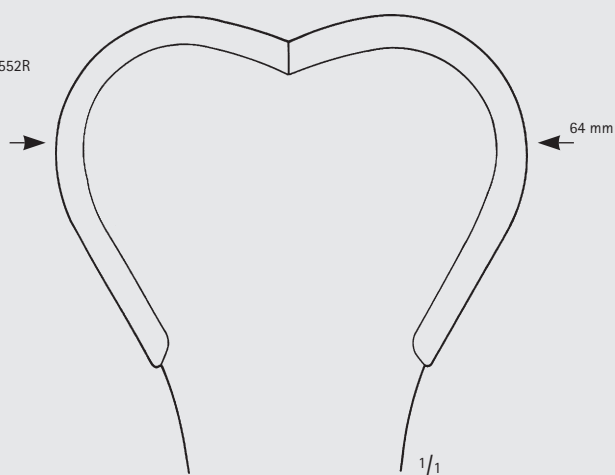
Further retractors see section BT



BT551R



BT552R



HARRINGTON

BT551R 123 x 45 mm

BT552R 123 x 64 mm

federnd

flexible

295 mm, 11 3/4"

1/2

1/1

1/1



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Wundhaken, Lungenspatel Retractors, Lung Spatulas

Weitere Wundhaken siehe Rubrik BT
Further retractors see section BT



HARRINGTON-PEMBERTON

BT553R 175 x 64 mm

federnd

flexible

295 mm, 11 $\frac{3}{4}$ "

FB



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Scapula-Haken

Scapula Retractor

FB



DAVIDSON

BT531R

195 mm, 7 3/4"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Lungenspatel Lung Spatulas

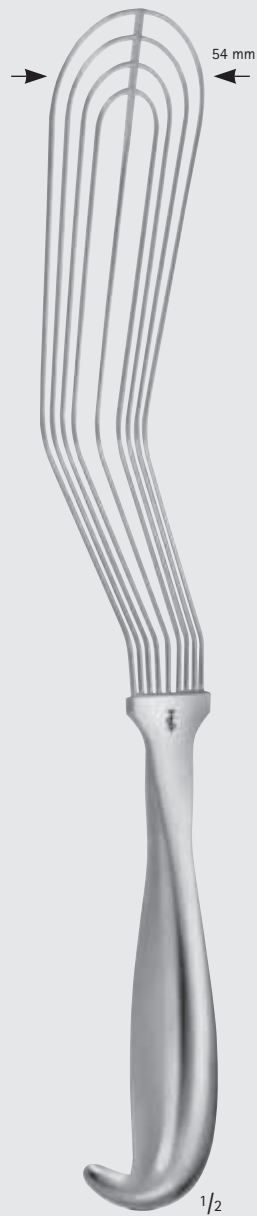
FB



ALLISON

BT559R

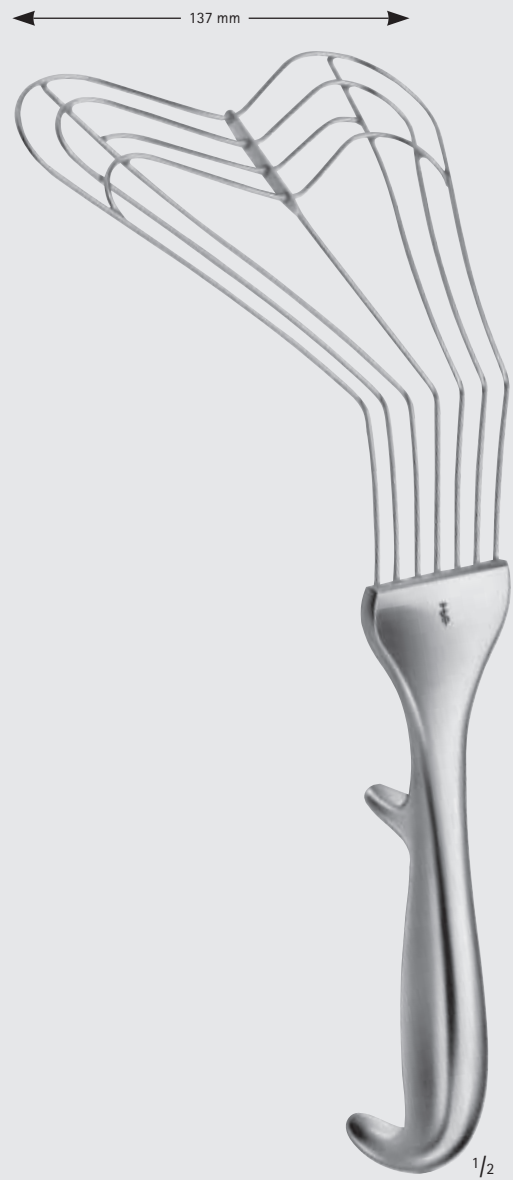
255 mm, 10"



ALLISON

BT560R

320 mm, 12 3/4"



ALLISON

BT561R

300 mm, 12"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Atriumhaken

Atrium Retractors

FB



45 x 48 mm

COOLEY

FB860R

rechts

right

270 mm, 10 ³/₄"



45 x 48 mm

COOLEY

FB861R

rechts, leicht gezahnt

right, slightly serrated

270 mm, 10 ³/₄"



25 x 46 mm

COOLEY

FB862R

links

left

280 mm, 11"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Atriumhaken Atrium Retractors

FB



45 x 30 mm

COOLEY MODIF. STRUCK

FB865R

leicht gezahnt
slightly serrated
265 mm, 10 1/2"



45 x 35 mm

COOLEY MODIF. STRUCK

FB866R

leicht gezahnt
slightly serrated
265 mm, 10 1/2"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aortenklappenhaken

Aorta Value Retractors

FB



17 x 21 mm

FB971R



16 x 23 mm

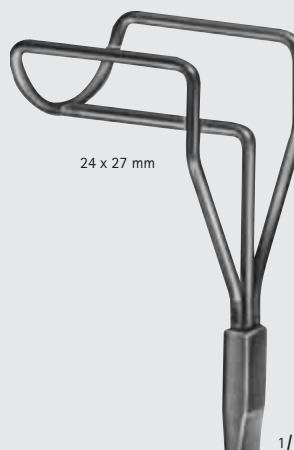
FB972R

1/1



20 x 25 mm

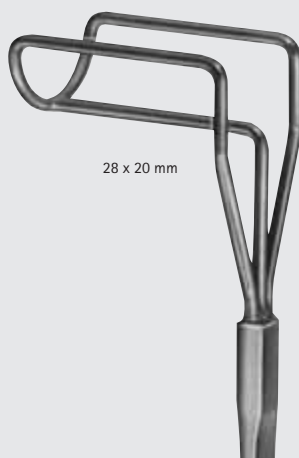
FB973R



24 x 27 mm

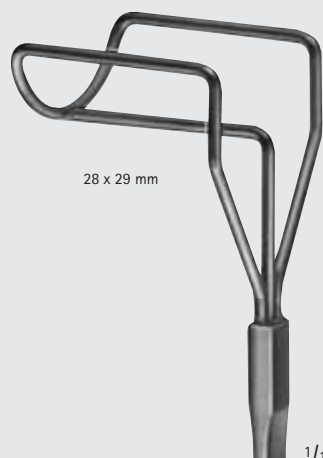
FB974R

1/1



28 x 20 mm

FB975R



28 x 29 mm

FB976R

1/1



1/2

BOROWSKI

FB971R-FB976R

Schaft biegsam

Shaft malleable

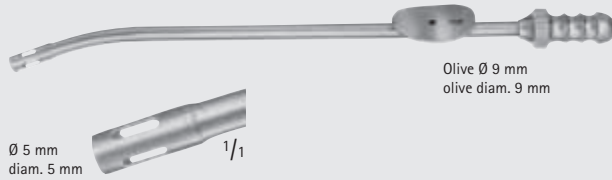
270 mm, 10 3/4"

INCHES



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

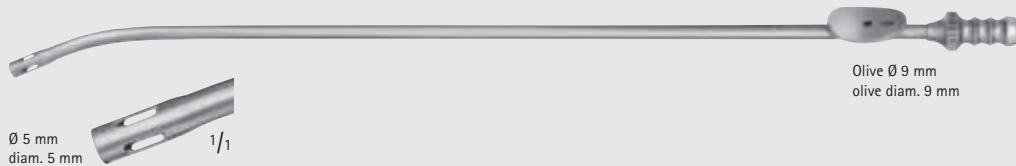
Saugkanülen Suction Cannulae

FB**GF947R**

Olive Ø 9 mm
olive diam. 9 mm

Ø 5 mm
diam. 5 mm

1/1

**GF948R**

Olive Ø 9 mm
olive diam. 9 mm

Ø 5 mm
diam. 5 mm

1/1

DE BAKEY

GF947R 160 mm, 6 1/4"

GF948R 270 mm, 10 3/4"

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet



Olive Ø 6 – 10 mm
olive diam. 6 – 10 mm

Ø 9 mm
diam. 9 mm

1/1

DE BAKEY

GF946R

mit zentraler Bohrung, Ø 3,0 mm
und seitlichen Schlitzten
with central bore, 3.0 mm diam.
with lateral slots
275 mm, 10 3/4"



Olive Ø 7 – 9 mm
olive diam. 7 – 9 mm

Ø 10 mm
diam. 10 mm

YANKAUER

GF944R

mit zentraler Bohrung, Ø 2,0 mm
with central bore, 2.0 mm diam.
285 mm, 11 1/4"



MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Saugkanülen

Suction Cannula



FINSTERER

GF867C

kombinierte Saug- und Spülkanüle

combined suction- and irrigation cannula

320 mm, 12 3/4"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Venen-Stripper-Instrumente

Vein Stripper Instruments

FB

Ersatzteile für FB030R
Spare parts for FB030R



NABATOFF

FB033

Kunststoff-Sondenspitze
Flexible plastic probe tip



^{1/1}

NABATOFF

Ø

diam.

FB034R 3 mm

Metall-Sondenspitze
Probe tip, metal



NABATOFF

FB030R

Venenstripper-Besteck, bestehend aus:

- FB031R Metalletui
- FB032R Zugseil, 900 mm lang
- FB033 Kunststoff-Sondenspitze
- FB034R Metall-Sondenspitze
- FB035R Metallolive, Ø 6 mm
- FB036R Metallolive, Ø 9 mm
- FB037R Metallolive, Ø 12 mm
- FB038R Metallolive, Ø 15 mm
- FB040R Griff für Zugseil

Vein stripper set, consisting of:

- FB031R Metal case
- FB032R Flexible cable, 36" long
- FB033 Flexible plastic probe tip
- FB034R Metal probe tip
- FB035R Metal olive, diam. 6 mm
- FB036R Metal olive, diam. 9 mm
- FB037R Metal olive, diam. 12 mm
- FB038R Metal olive, diam. 15 mm
- FB040R Handle for flexible cable

NABATOFF

Ø

diam.

FB035R 6 mm

FB036R 9 mm

FB037R 12 mm

FB038R 15 mm

Olivens allein

Olives only



FB035R



FB036R



FB037R



FB038R

^{1/1}



NABATOFF

FB040R

Griff allein

Handle only



FB032R

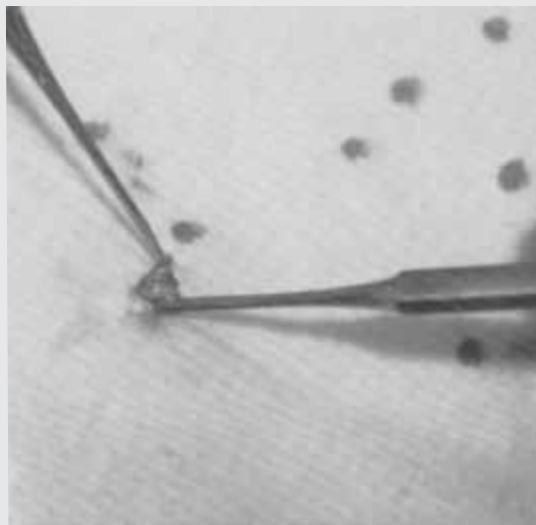
Zugseil

Flexible cable

900 mm, 36"



MILLIMETERS



VARADY

FB050R

Mini-Venenstripper-Set, bestehend aus:

- FB031R Metalletui
- FB051R Zugseil, 450 mm lang, kunststoffummantelt
- FB053R Metallolive, Ø 3 mm
- FB054R Metallolive, Ø 4 mm
- FB055R Metallolive, Ø 5 mm

Mini vein stripper set, consisting of:

- FB031R Metal case
- FB051R Flexible cable, 17 1/2" long, polyethylene coating
- FB053R Metal olive, diam. 3 mm
- FB054R Metal olive, diam. 4 mm
- FB055R Metal olive, diam. 5 mm

Ersatzteile für FB050R

Spare parts for FB050R

VARADY

Ø
diam.

FB053R	3 mm
FB054R	4 mm
FB055R	5 mm

Olivens allein

Olives only



FB053R



FB054R



FB055R 1/1



VARADY

FB051R

Zugseil, kunststoffummantelt

Cable, flexible, polyethylene coating

450 mm, 17 1/2"



Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Varizeninstrumente Varix Instruments

FB

MILLIMETERS



VARADY
FB120R
Phlebodissektor
Phlebodissektor
180 mm, 7"



VARADY
FB121R
Phlebextraktor
Phlebextraktor
180 mm, 7"



VARADY
FB122R
Phlebextraktor
Phlebextraktor
180 mm, 7"



VARADY
FB124R
Mikro-Doppelspatel
Micro spatula, double ended
175 mm, 7"



VARADY
FB125R
Mikro-Phlebextraktor
Micro phlebextraktor
170 mm, 6 3/4"



VARADY
FB126R
Mini-Phlebextraktor
Mini phlebextraktor
170 mm, 6 3/4"



FF

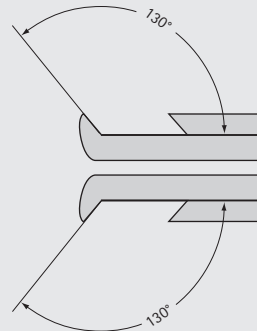
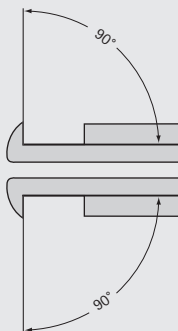
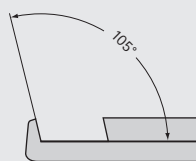


Knochenstanzen, Rongeurs
Bone Punches, Rongeurs

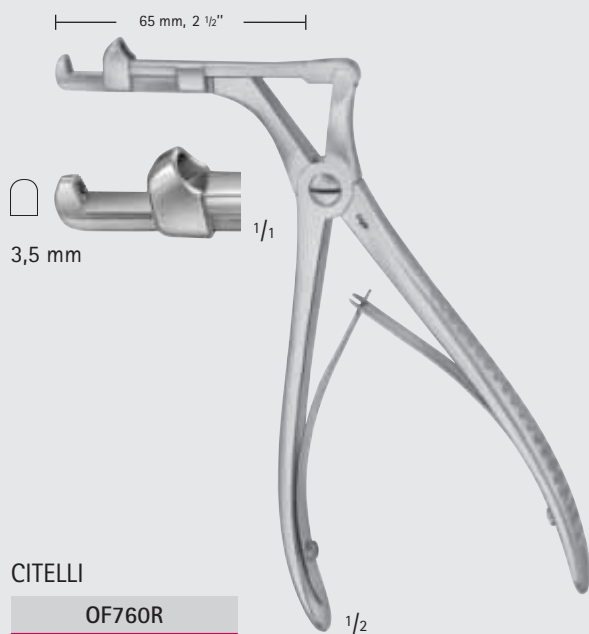
Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Stanzen
Punches

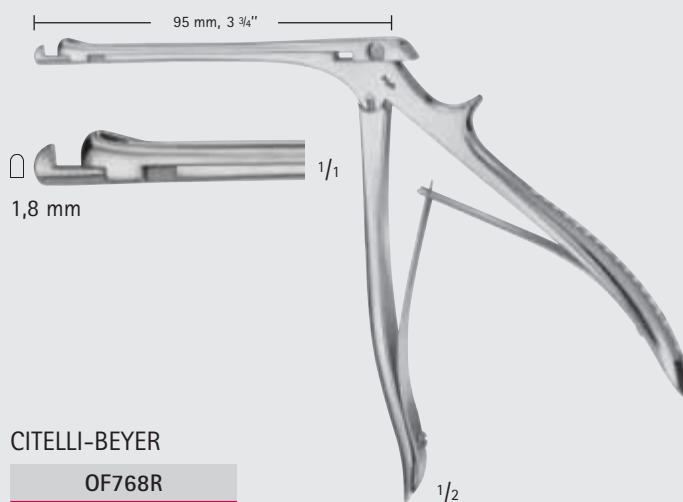
Winkelstellungen bei Stanzen
Angled positions for punches



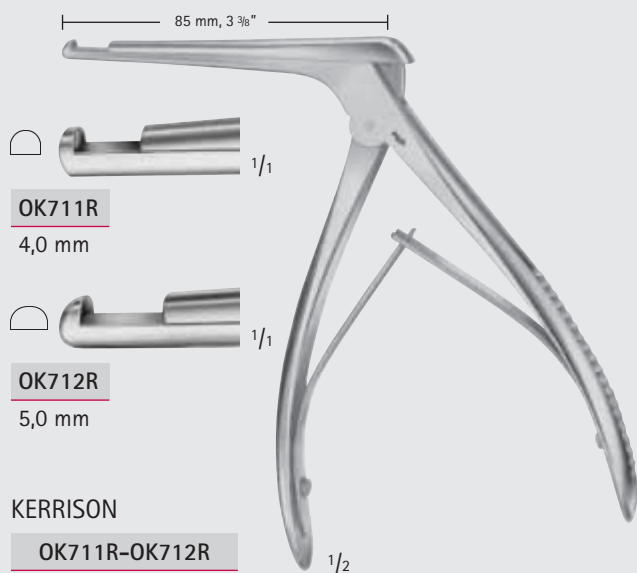
90° nach oben schneidend
upwards cutting



90° nach oben schneidend
upwards cutting



90° nach oben schneidend
upwards cutting

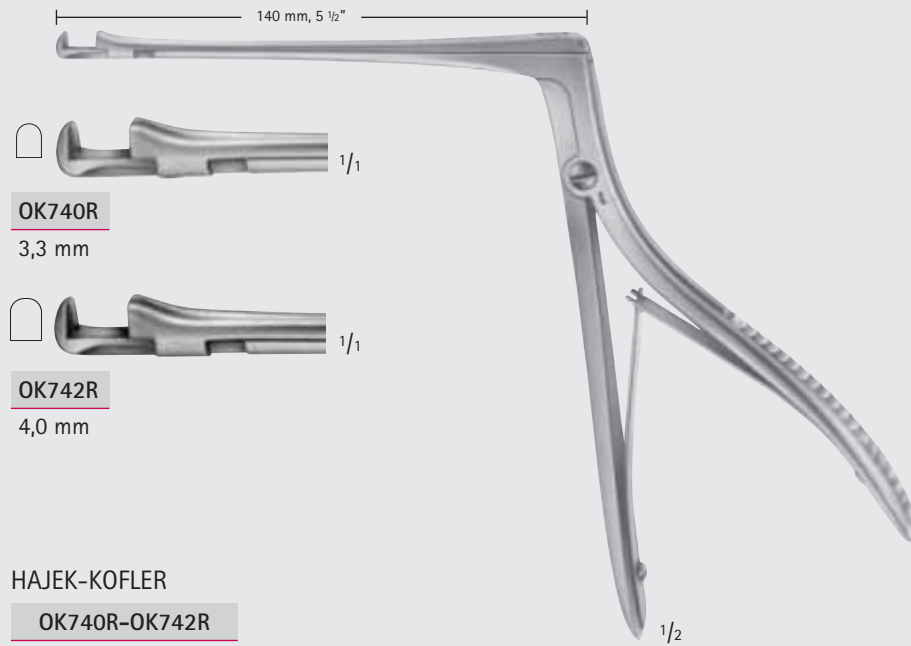




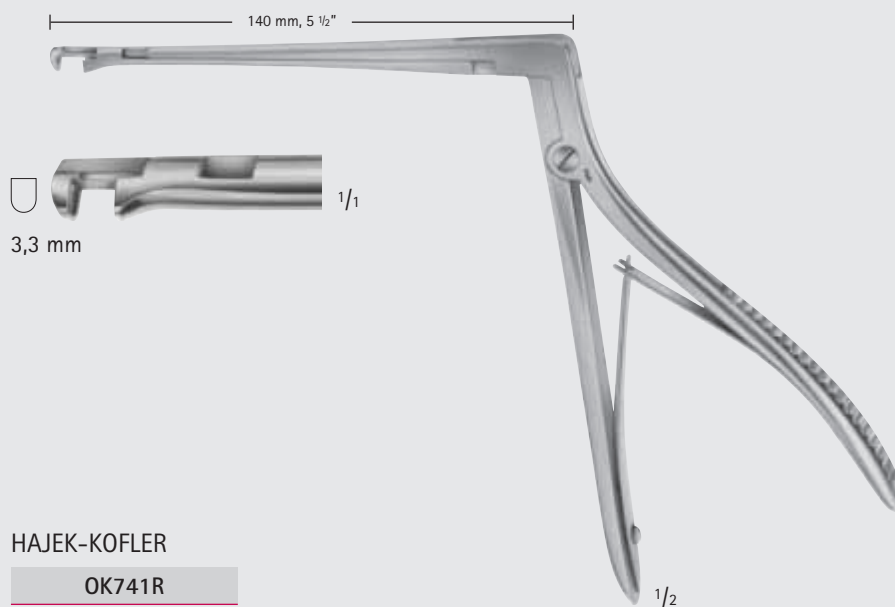
Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Stanzen
Punches

90° nach oben schneidend
upwards cutting



90° nach unten schneidend
downwards cutting



FF

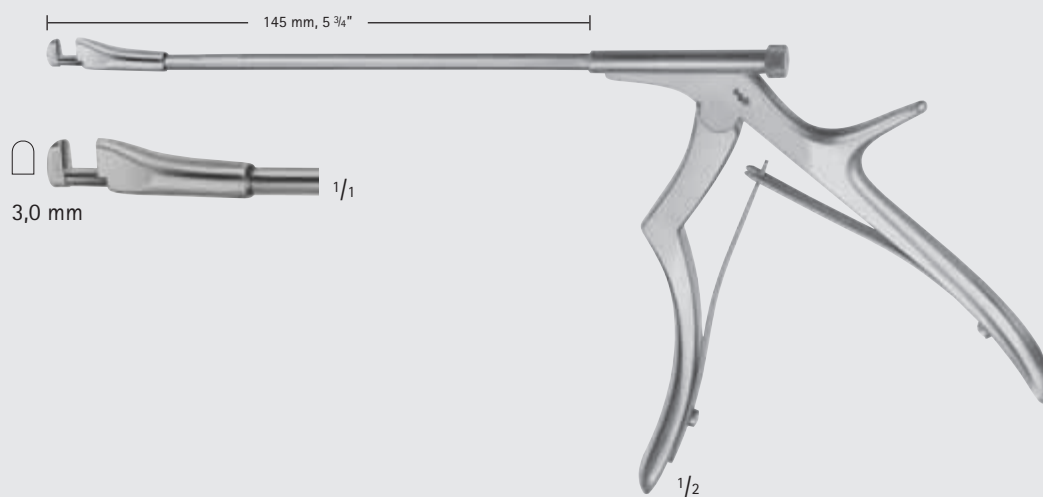


MILLIMETERS

Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Stanzen
Punches

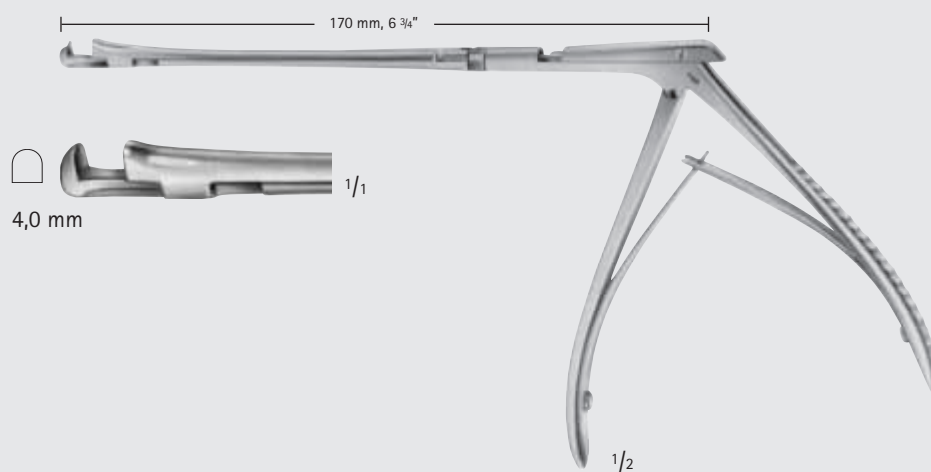
90° drehbar 360°
rotates 360°



KOFLER

OK737R

90° drehbar 360°
rotates 360°



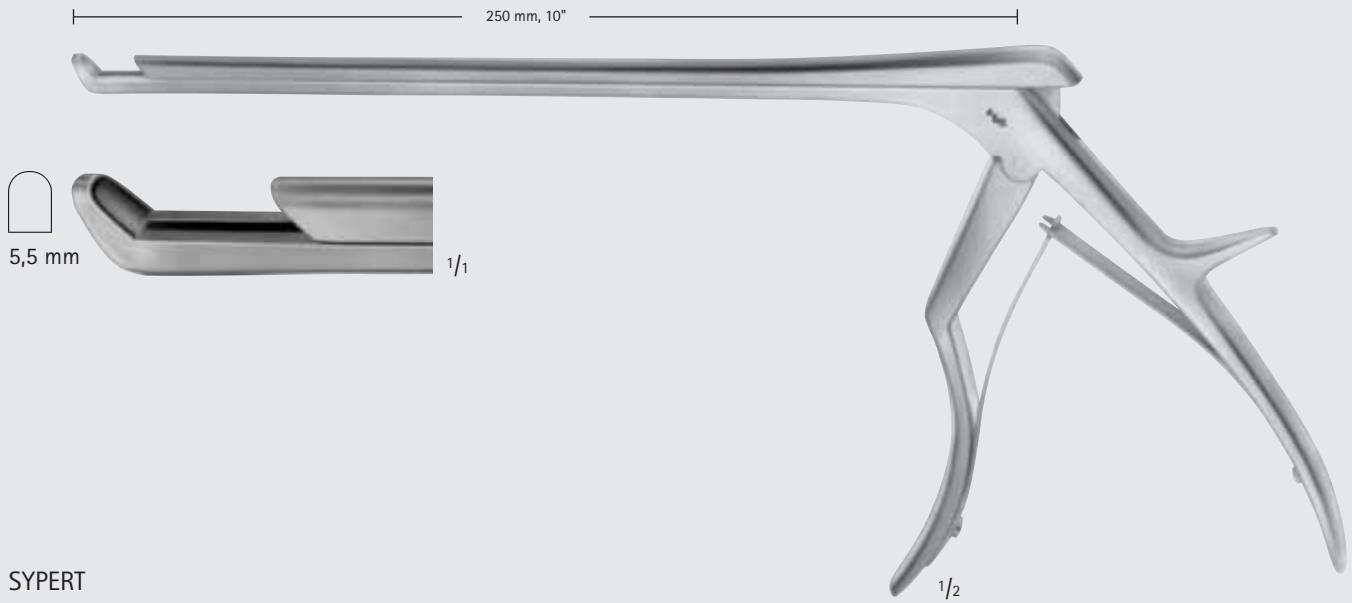
HAJEK-KOFLER

OK745R



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs Stanzen Punches

130° nach oben schneidend
upwards cutting



SYPERT

FG055R

FF



MILLIMETERS

Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

KERRISON Knochenstanzen

KERRISON Bone Punches

90° nach oben schneidend
upwards cutting

			Regular						
			90° oben 90° upwards			90° oben 90° upwards		90° oben 90° upwards	
			STANDARD nicht zerlegbar ohne Ejektor non detachable without ejector			zerlegbar detachable	Ejektor Ejector	NOIR zerlegbar detachable	Ejektor Ejector
Schaftlänge Shaft length	Breite Width	Fußplatte Footplate							
180 mm, 7"	1,0 mm	regular	FF716R		FK948R	-	FK948B	-	
	2,0 mm	regular	FF718R		FK949R	-	FK949B	-	
	3,0 mm	regular	FF750R		FK950R	✓	FK950B	✓	
	4,0 mm	regular	FF752R		FK951R	✓	FK951B	✓	
	5,0 mm	regular	FF754R		FK952R	✓	FK952B	✓	
	6,0 mm	regular	FF755R		FK953R	✓	FK953B	✓	

90° nach unten schneidend
downwards cutting

			Regular		
				90° unten 90° downwards	90° unten 90° downwards
				STANDARD nicht zerlegbar, ohne Ejektor non detachable, without ejector	zerlegbar detachable
					Ejektor Ejector
Schaftlänge Shaft length	Breite Width	Fußplatte Footplate			
180 mm, 7"	1,0 mm	regular	FF741R	FK954R	-
	2,0 mm	regular	FF719R	FK955R	-
	3,0 mm	regular	FF721R	FK956R	✓
	4,0 mm	regular	FF742R	FK957R	✓
	5,0 mm	regular	FF723R	FK958R	✓
	6,0 mm	regular	FF743R	FK959R	✓



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

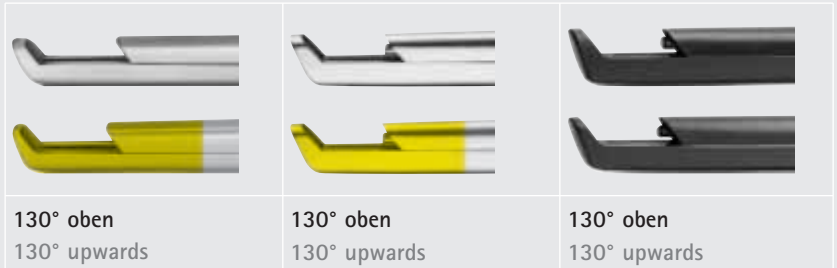
KERRISON Knochenstanzen
KERRISON Bone Punches

130° nach oben schneidend
upwards cutting



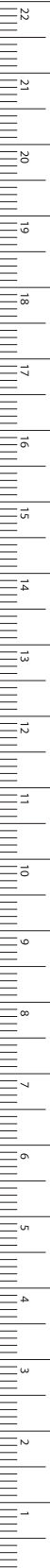
Regular

Thin



Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	ohne Ejektor non detachable without ejector				detachable	
180 mm, 7"	1,0 mm	regular	FF715R		FK900R	-	FK900B	-
	2,0 mm	regular	FF717R		FK901R	-	FK901B	-
	3,0 mm	regular	FF720R		FK902R	✓	FK902B	✓
	4,0 mm	regular	FF724R		FK903R	✓	FK903B	✓
	5,0 mm	regular	FF722R		FK904R	✓	FK904B	✓
	6,0 mm	regular	FF726R		FK905R	✓	FK905B	✓
200 mm, 8"	2,0 mm	regular	FF737R		FK913R	-	FK913B	-
	3,0 mm	regular	FF738R		FK914R	✓	FK914B	✓
	4,0 mm	regular	FF727R		FK915R	✓	FK915B	✓
	5,0 mm	regular	FF728R		FK916R	✓	FK916B	✓
	6,0 mm	regular	FF729R		FK917R	✓	FK917B	✓
230 mm, 9"	2,0 mm	regular	FF682R		FK919R	-		
	3,0 mm	regular	FF683R		FK920R	✓		
	4,0 mm	regular	FF684R		FK921R	✓		
	5,0 mm	regular	FF685R		FK922R	✓		
180 mm, 7"	1,0 mm	thin	FF771R		FK906R	-	FK906B	-
	2,0 mm	thin	FF772R		FK907R	-	FK907B	-
	3,0 mm	thin	FF773R		FK908R	✓	FK908B	✓
	4,0 mm	thin	FF769R		FK909R	✓	FK909B	✓
	5,0 mm	thin	FF770R		FK910R	✓	FK910B	✓
200 mm, 8"	1,0 mm	thin	FF661R		FK961R	-	FK961B	-
	2,0 mm	thin	FF662R		FK962R	-	FK962B	-
	3,0 mm	thin	FF663R		FK963R	✓	FK963B	✓
	4,0 mm	thin	FF664R		FK964R	✓	FK964B	✓
	5,0 mm	thin	FF665R		FK965R	✓	FK965B	✓
230 mm, 9"	2,0 mm	thin	FF746R		FK925R	-	FK925B	-
	3,0 mm	thin	FF747R		FK926R	✓	FK926B	✓
	4,0 mm	thin	FF748R		FK927R	✓	FK927B	✓
	5,0 mm	thin	FF749R		FK928R	✓	FK928B	✓

FF



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

KERRISON Knochenstanzen

KERRISON Bone Punches

130° nach unten schneidend
downwards cutting



Regular

Thin



130° unten
130° downwards

130° unten
130° downwards

STANDARD
nicht zerlegbar
ohne Ejektor
non detachable
without ejector

zerlegbar
detachable

Ejektor
Ejector

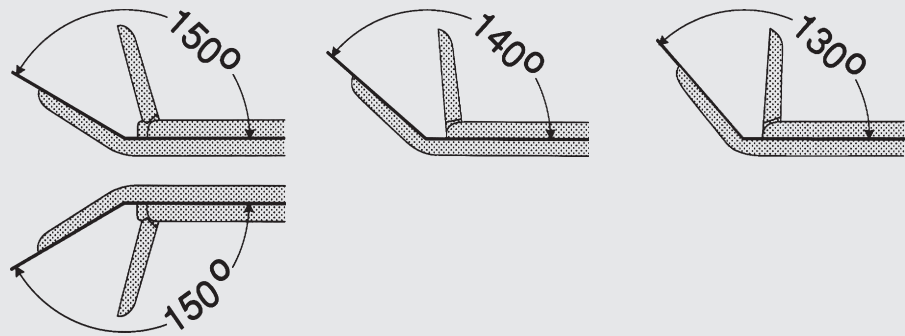
Schaftlänge Shaft length	Breite Width	Fußplatte Footplate			
180 mm, 7"	1,0 mm	regular	FF711R		FK930R -
	2,0 mm	regular	FF712R		FK931R -
	3,0 mm	regular	FF713R		FK932R ✓
	4,0 mm	regular	FF714R		FK933R ✓
	5,0 mm	regular	FF725R		FK934R ✓
230 mm, 9"	2,0 mm	regular	FF692R		FK943R -
	3,0 mm	regular	FF693R		FK944R ✓
	4,0 mm	regular	FF694R		FK945R ✓
	5,0 mm	regular	FF695R		FK946R ✓
180 mm, 7"	1,0 mm	thin	FF781R		FK936R -
	2,0 mm	thin	FF782R		FK937R -
	3,0 mm	thin	FF783R		FK938R ✓
	4,0 mm	thin	FF784R		FK939R ✓
	5,0 mm	thin	FF785R		FK940R ✓



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs
Rongeurs

Winkelstellungen bei Rongeurs
Angled positions for rongeurs



OK505R
3,0 mm



OK506R
3,6 mm



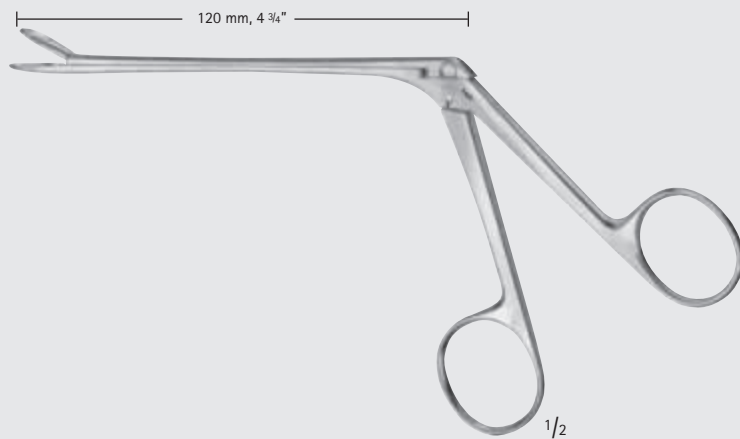
OK507R
4,2 mm



OK508R
4,8 mm



OK509R
5,6 mm



WEIL-BLAKESLEY

OK505R-OK509R

140°



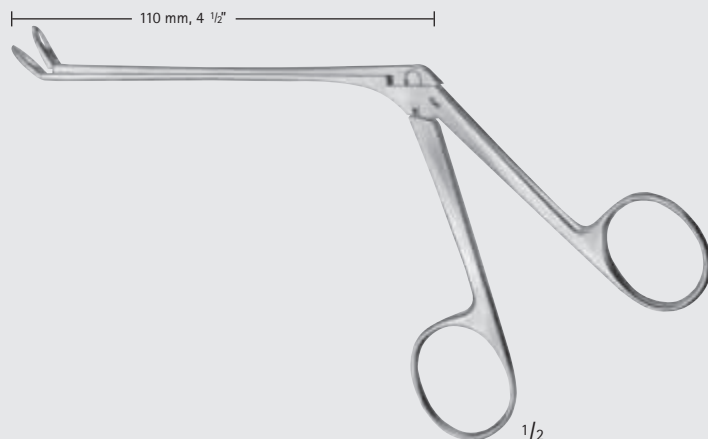
OK520R
3,6 mm



OK521R
4,2 mm



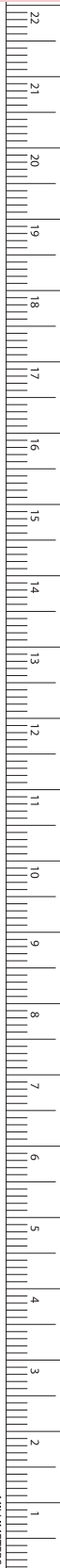
OK522R
4,8 mm



WEIL-BLAKESLEY

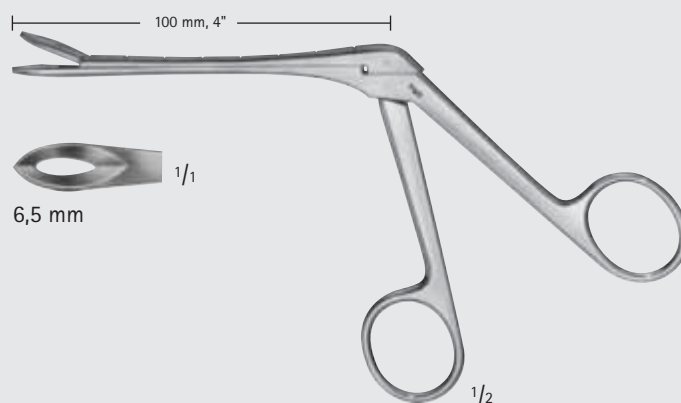
OK520R-OK522R

FF



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs
Rongeurs

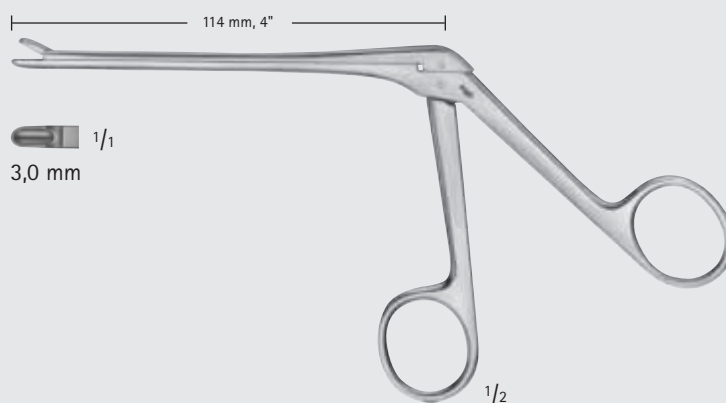


HACKEL-TILLEY

OK503R

Schaft graduert in cm

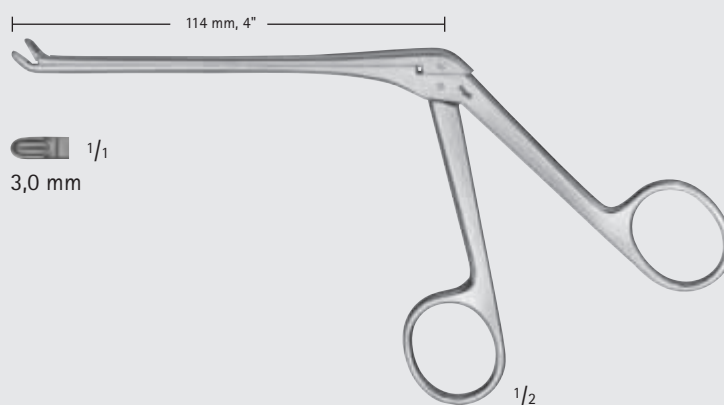
Shaft graduated in cm



ST. BARTS

OK536R

140°



ST. BARTS

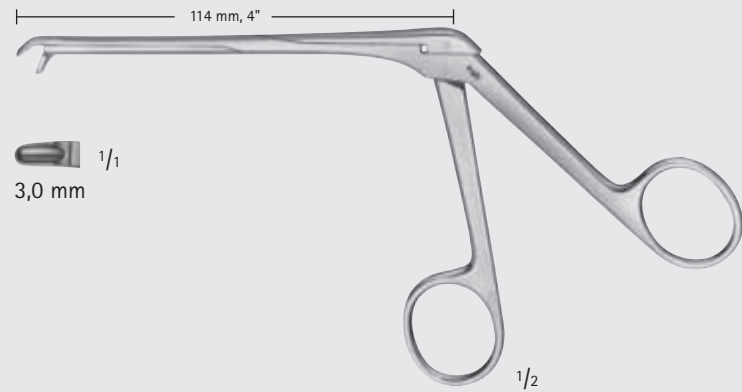
OK537R



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

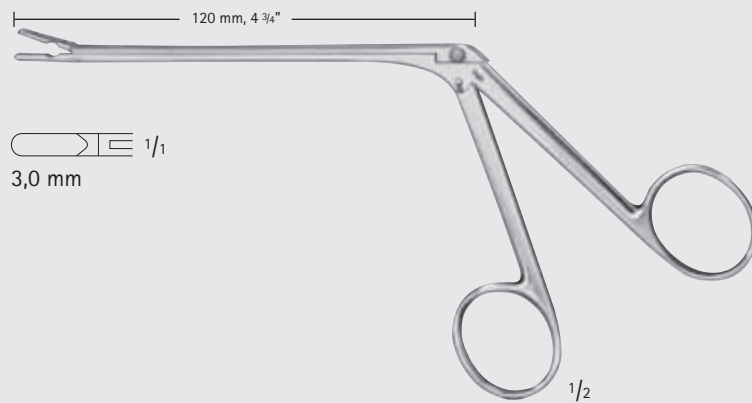
Rongeurs
Rongeurs

140°



ST. BARTS

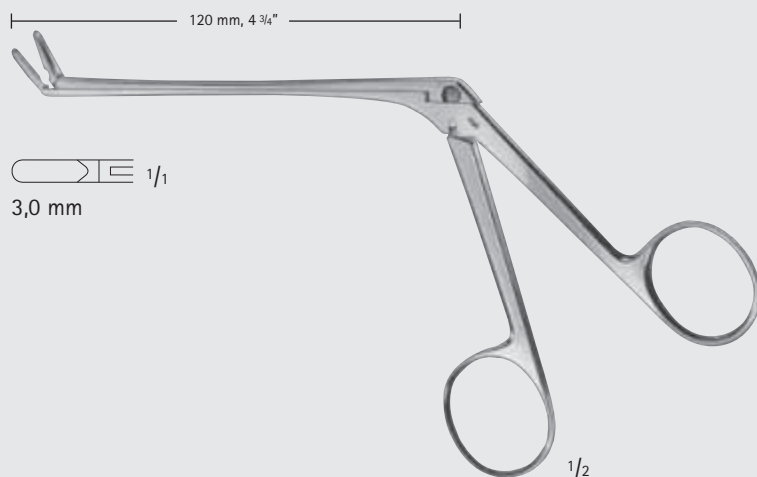
OK538R



TAKAHASHI

OK525R

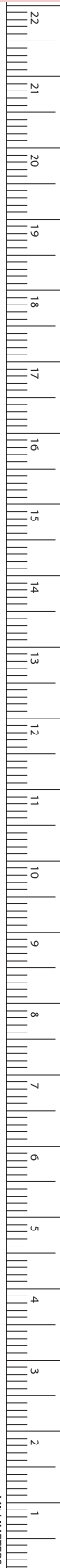
130°



TAKAHASHI

OK526R

FF

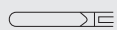


MILLIMETERS

Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs

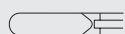
Rongeurs



LOVE-GRUENWALD

FF799R

2 x 10 mm



LOVE-GRUENWALD

FF800R

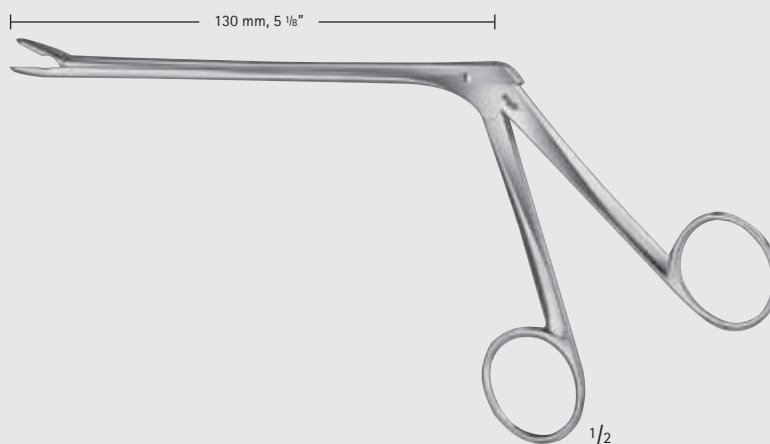
3 x 10 mm



SPURLING

FF801R

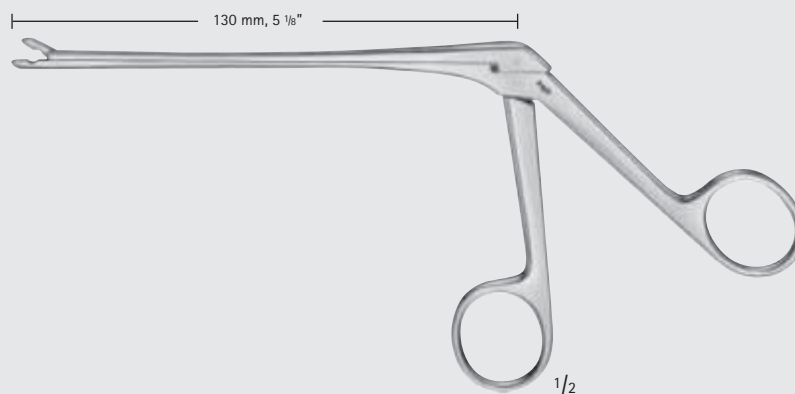
4 x 10 mm



FF799R-FF810R



2,0 mm



BECK

FF765R



FF766R

4,0 mm



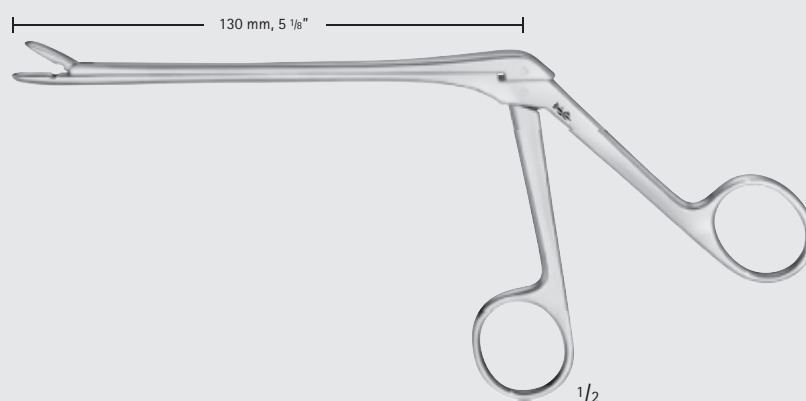
FF767R

5,0 mm



FF768R

6,0 mm



CUSHING

FF766R-FF768R



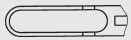
Knochenstanzen, Rongeurs – Bone Punches, Rongeurs Rongeurs Rongeurs

150°



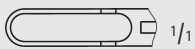
FF774R

3,0 mm



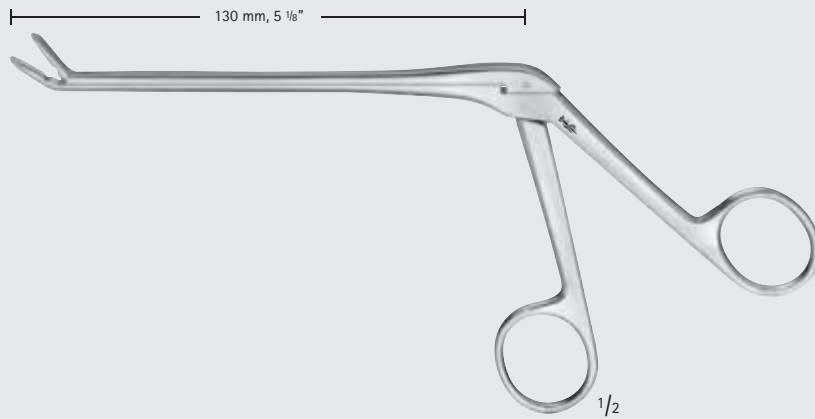
FF775R

4,0 mm



FF776R

5,0 mm



CUSHING

FF774R-FF776R

150°



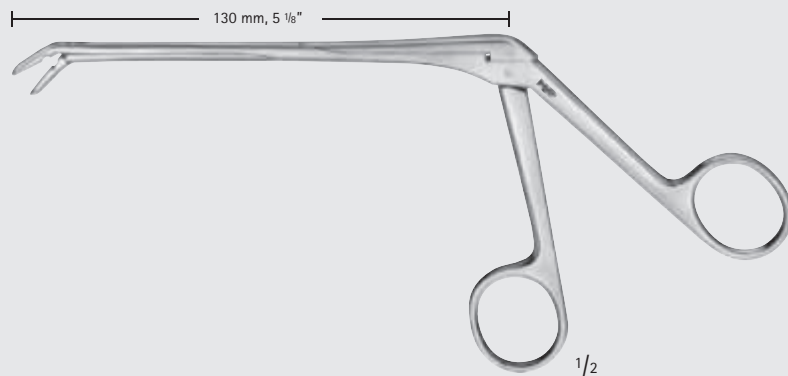
FF777R

3,0 mm



FF778R

4,0 mm

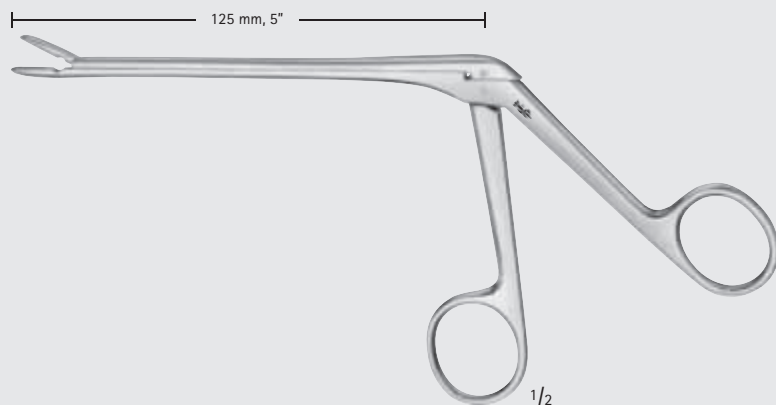


CUSHING

FF777R-FF778R



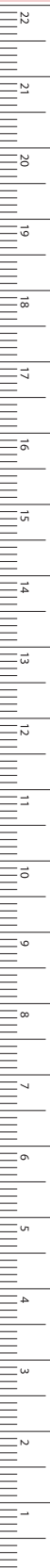
3,0 mm



PENNYBACKER

FF779R

FF



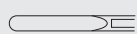
MILLIMETERS

Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs

Rongeurs

FF



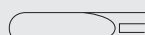
FF832R

2,0 mm



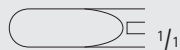
FF833R

3,0 mm



FF834R

4,0 mm



FF835R

5,0 mm

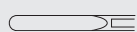
150 mm, 6"



CASPAR

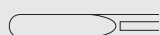
FF832R-FF835R

150°



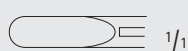
FF842R

2,0 mm



FF843R

3,0 mm



FF844R

4,0 mm

150 mm, 6"



CASPAR

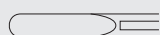
FF842R-FF844R

150° unteres Maulteil beweglich
lower part of jaw movable



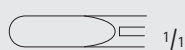
FF852R

2,0 mm



FF853R

3,0 mm



FF854R

4,0 mm

150 mm, 6"



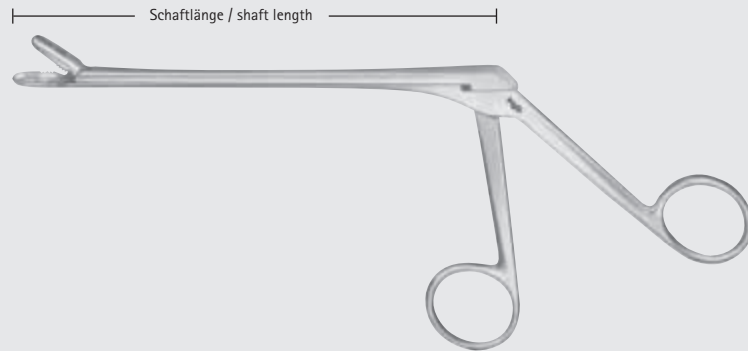
CASPAR

FF852R-FF854R

INCHES



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs Rongeurs Rongeurs

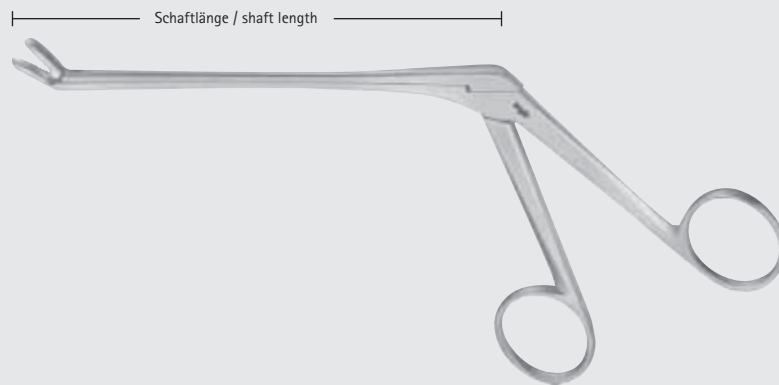


CASPAR

FF502R-FF566R

Maulgröße Jaw size	 2 x 12 mm	 3 x 12 mm	 4 x 14 mm	 5 x 14 mm	 6 x 16 mm
Schaftlänge Shaft length	FF502R	FF503R	FF504R		
	128 mm, 5 1/8"	128 mm, 5 1/8"	130 mm, 5 1/8"		
	FF532R	FF533R	FF534R	FF535R	FF536R
	148 mm, 6"	148 mm, 6"	150 mm, 6"	150 mm, 6"	152 mm, 6"
	FF562R	FF563R	FF564R	FF565R	FF566R
	172 mm, 6 3/4"	172 mm, 6 3/4"	175 mm, 7"	175 mm, 7"	177 mm, 7"

150°



CASPAR

FF513R-FF575R

Maulgröße Jaw size	 3 x 12 mm	 4 x 14 mm	 5 x 14 mm
Schaftlänge Shaft length	FF513R	FF514R	
	128 mm, 5 1/8"	130 mm, 5 1/8"	
	FF543R	FF544R	FF545R
	147 mm, 5 3/4"	149 mm, 6"	150 mm, 6"
	FF573R	FF574R	FF575R
	171 mm, 6 3/4"	174 mm, 7"	174 mm, 6 3/4"

FF

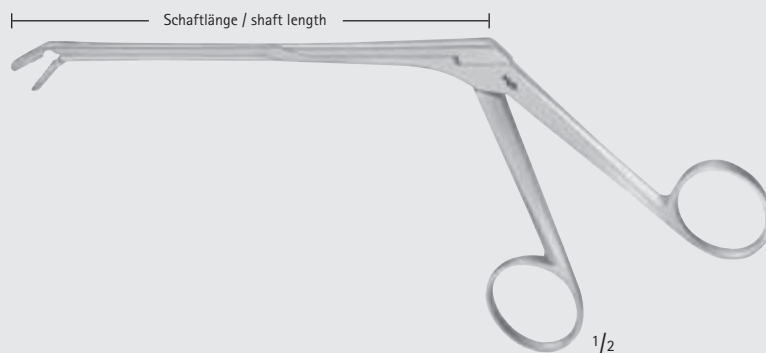


Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs

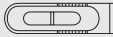
Rongeurs

150° unteres Maulteil beweglich
lower part of jaw movable



CASPAR

FF523R-FF584R

Maulgröße Jaw size	 3 x 12 mm	 4 x 14 mm
	FF523R	FF524R
Schaftlänge Shaft length	127 mm, 5"	129 mm, 5 1/8"
	FF553R	FF554R
	148 mm, 6"	149 mm, 6"
	FF583R	FF584R
	170 mm, 6 3/4"	175 mm, 7"

 CUSHING

FF803R

2 x 10 mm

 LOVE-GRUENWALD

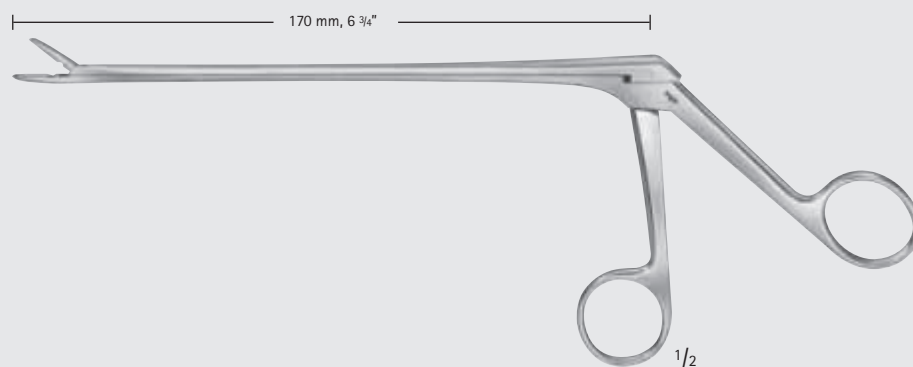
FF805R

3 x 10 mm

 SPURLING

FF807R

4 x 10 mm



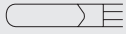
FF803R-FF807R



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs
Rongeurs

150°



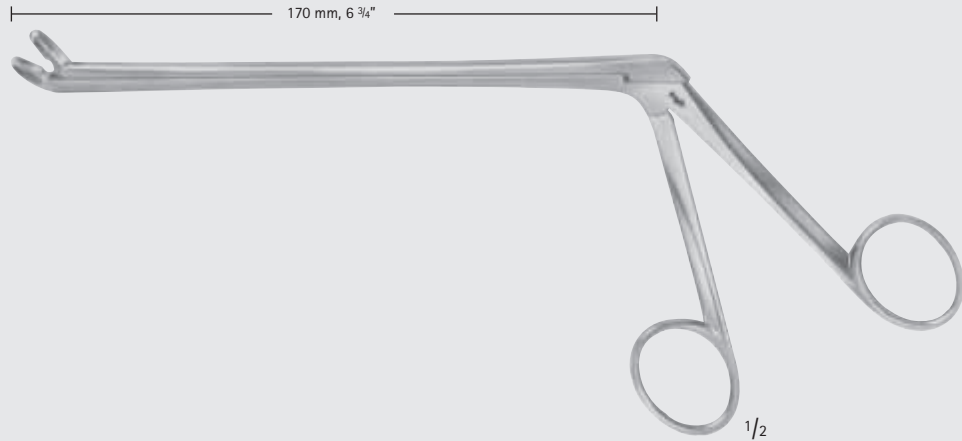
FF806R

3 x 10 mm



FF814R

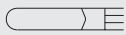
4 x 10 mm



LOVE-GRUENWALD

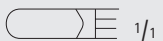
FF806R-FF814R

150° oberes Maulteil beweglich
upper part of jaw movable



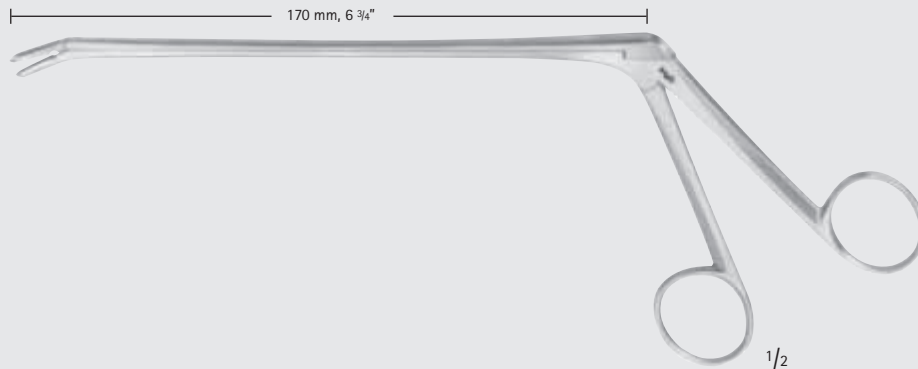
FF810R

3 x 10 mm



FF811R

4 x 10 mm



LOVE-GRUENWALD

FF810R-FF811R

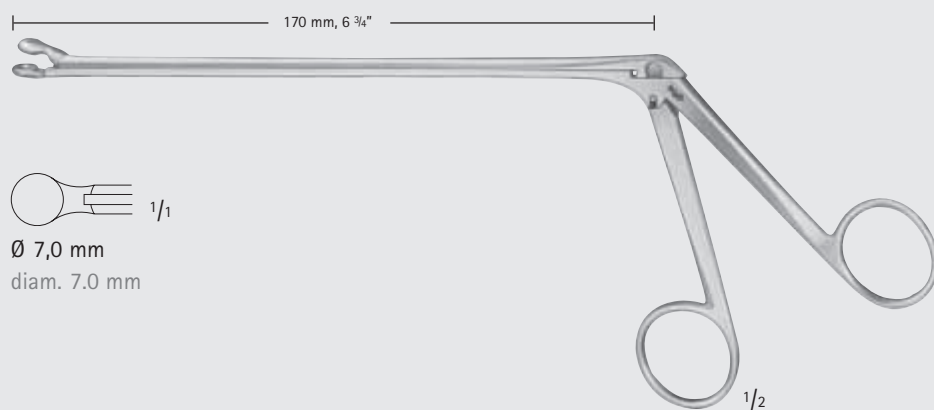
FF



MILLIMETERS

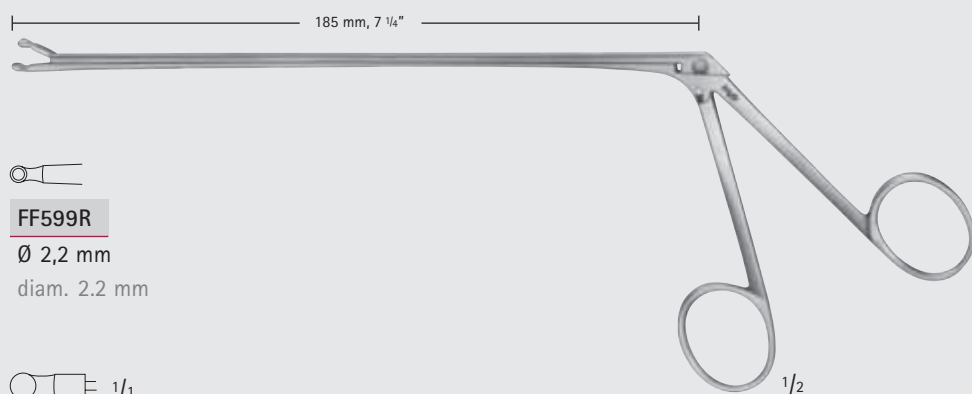
Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs
Rongeurs



OLD BERG

FF605R



FF599R

Ø 2,2 mm
diam. 2.2 mm

FF600R

Ø 3,5 mm
diam. 3.5 mm

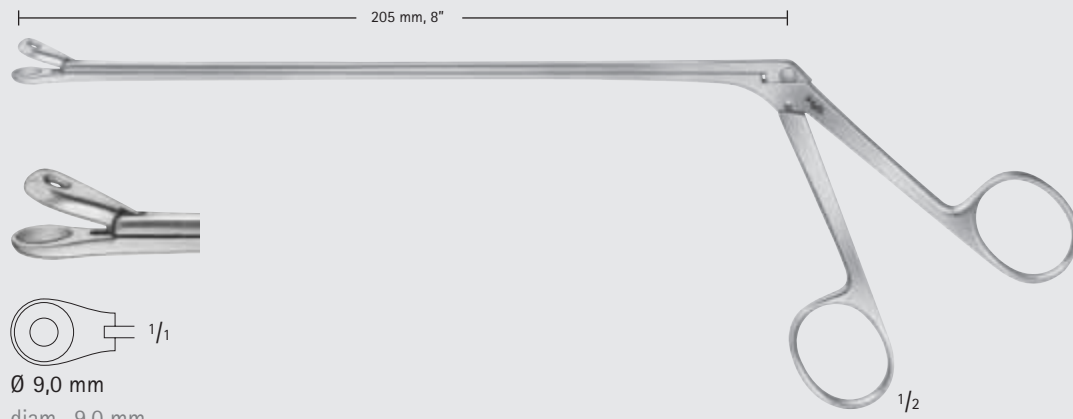
YASARGIL

FF599R-FF600R



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs
Rongeurs

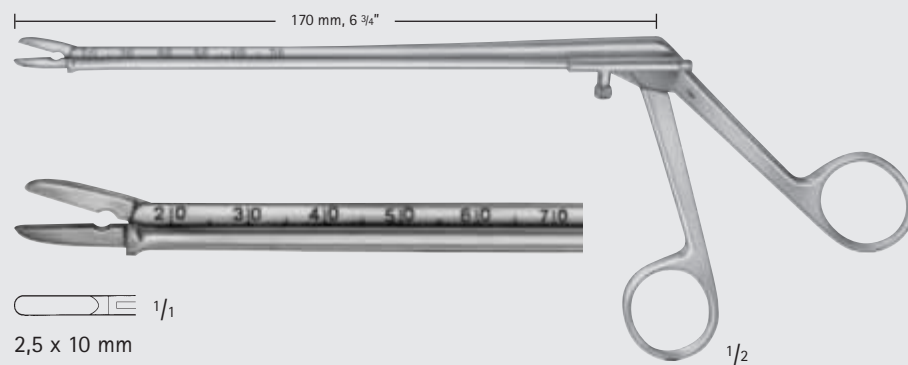


LANDOLT

FF345R

Tumorfasszange, stumpf

Tumor grasping forceps, blunt



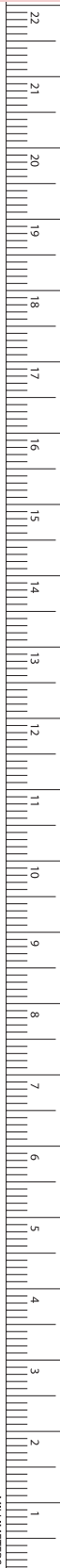
KRÄMER

FF820R

mit Tiefenanschlag

with depth guard

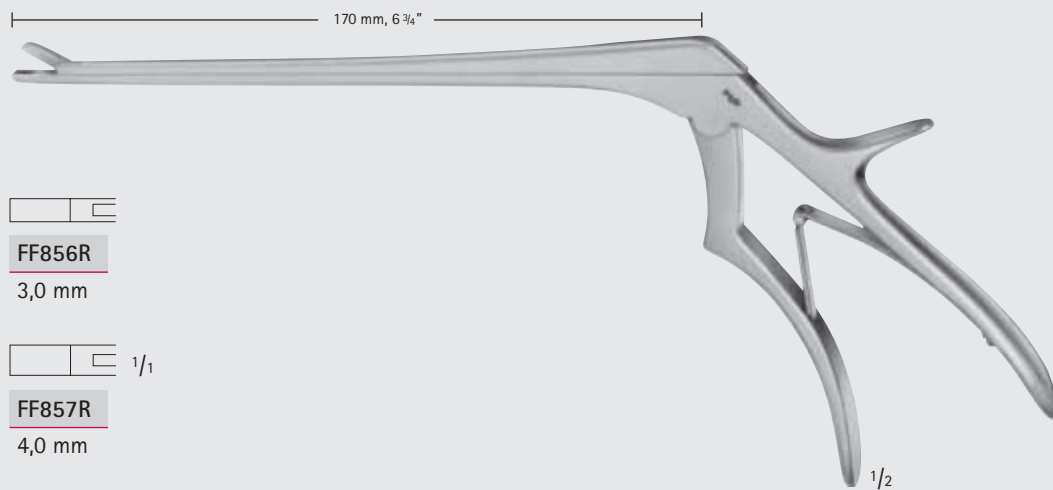
FF



MILLIMETERS

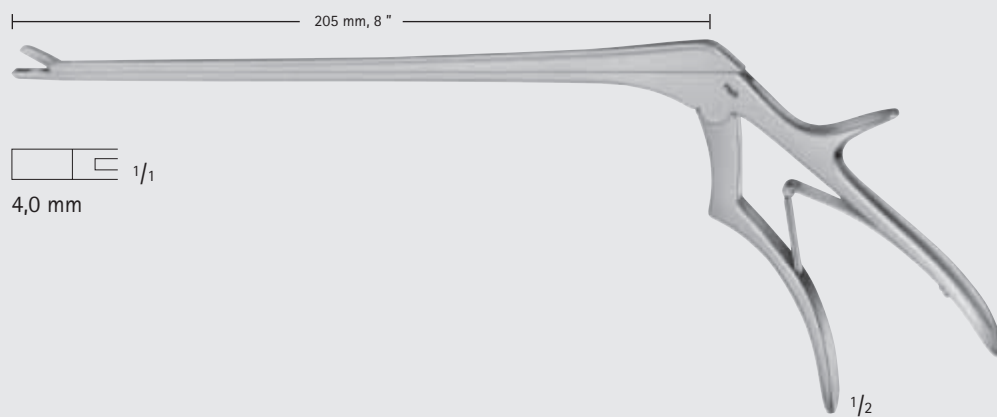
Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs
Rongeurs



CASPAR

FF856R-FF857R



CASPAR

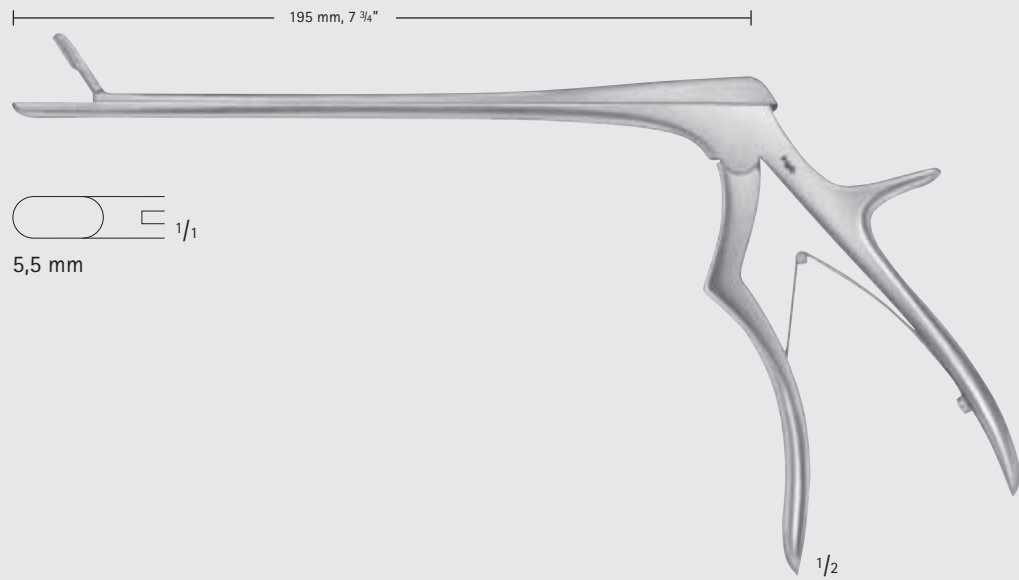
FF858R



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

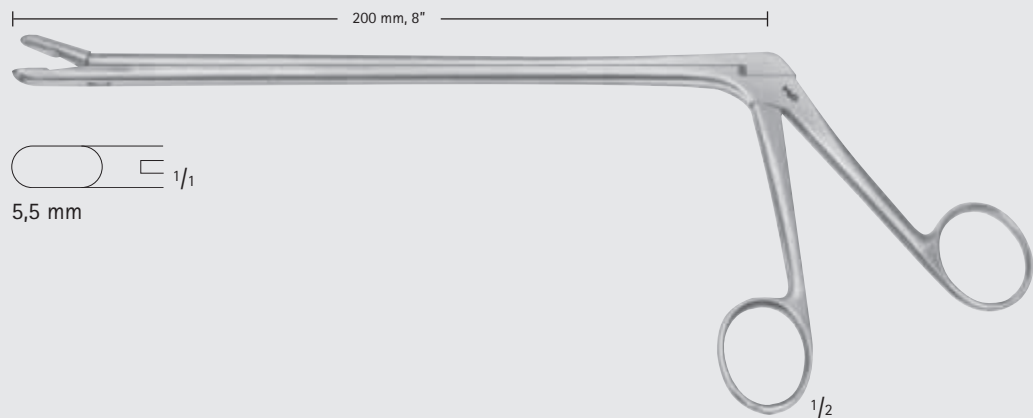
Rongeurs
Rongeurs

FF



WAGNER

FF818R



WAGNER

FF808R

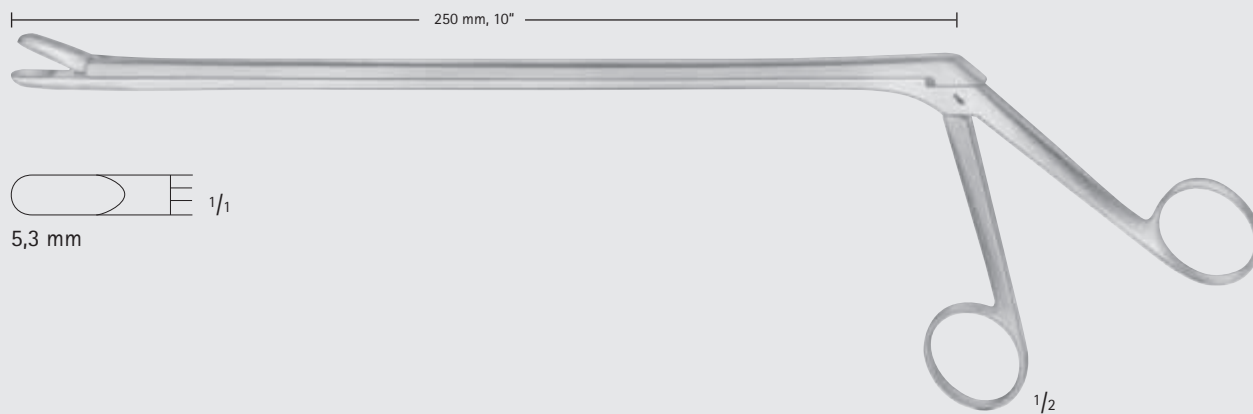


MILLIMETERS

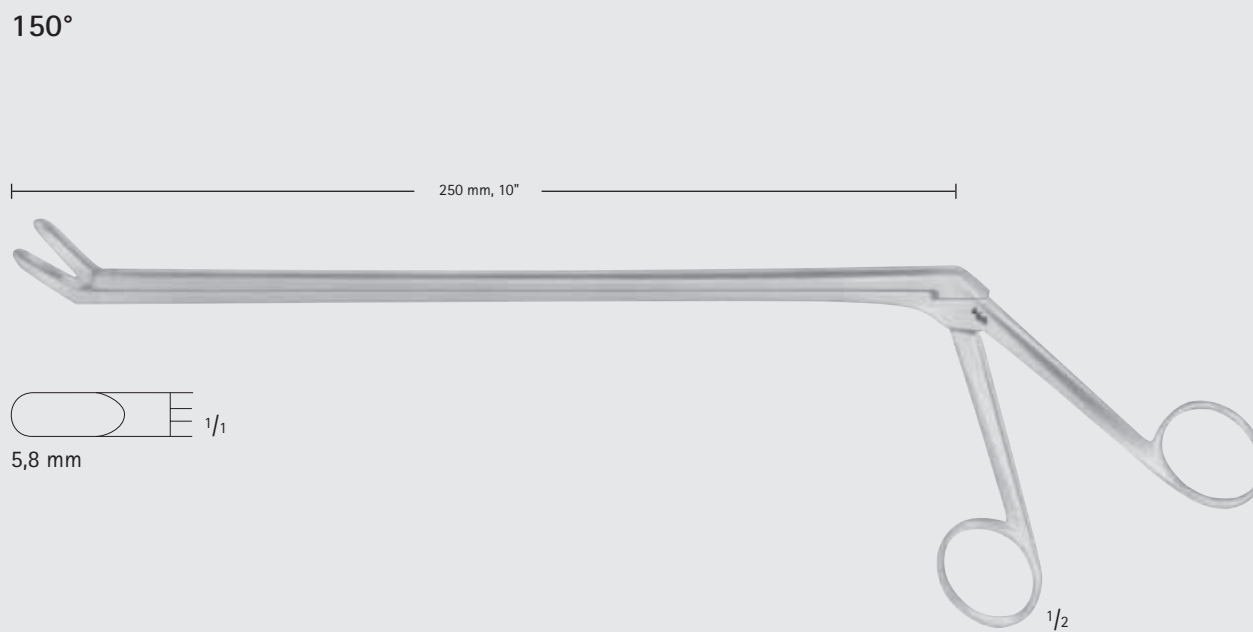
Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Rongeurs

Rongeurs



ND087R



SYPERT

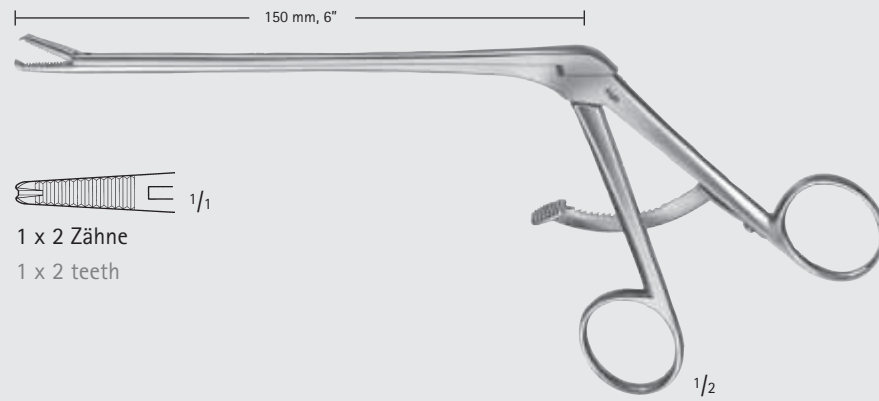
FG057R



Knochenstanzen, Rongeurs – Bone Punches, Rongeurs

Ligamentum Flavum Faszange

Grasping Forceps for Ligamentum Flavum



KRÄMER

FO820R

mit Sperre

with catch

FF



MILLIMETERS



INCHES



FH

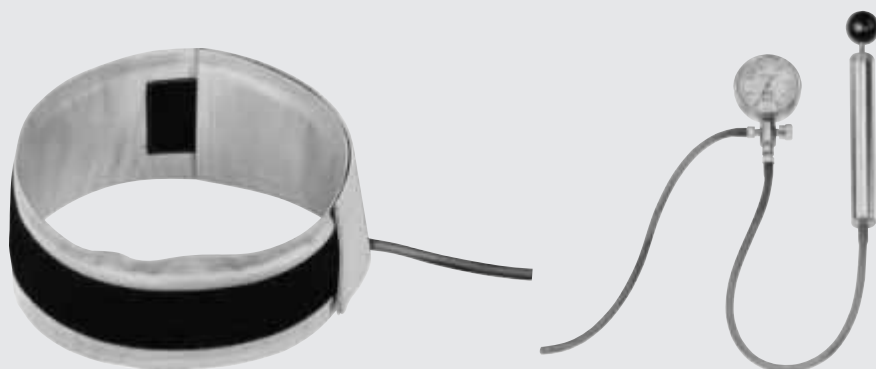


Amputation
Amputation

Amputation – Amputation

Amputation

Amputation



FH001

Komprimeter zur Erzeugung einer Blutleere in den Extremitäten. Manometer mit Messbereich bis 600 mm Hg.

Komplett, bestehend aus:

FH002 Luftpumpe mit Manometer

FH003 Oberschenkel-Manschette, 13,5 cm x 120 cm

FH014 Oberarm-Manschette, 10 cm x 84 cm

Compression apparatus for producing exsanguination in the extremities.

Manometer registers up to 600 mm Hg.

Complete, consisting of:

FH002 Pump with manometer

FH003 Cuff for the leg, 13,5 cm x 120 cm

FH014 Cuff for the upper arm, 10 cm x 84 cm



FH003 Oberschenkel-Manschette, 13,5 cm x 120 cm

Cuff for the leg, 13,5 cm x 120 cm

***FH004** Unterarm-Manschette, 9,5 x 50 cm

Cuff for the lower arm, 9,5 x 50 cm

***FH005** Kinder-Manschette, 7,3 x 36 cm

Cuff for children, 7,3 x 36 cm

FH014 Oberarm-Manschette, 10 cm x 84 cm

Cuff for the upper arm, 10 cm x 84 cm

* zusätzlich zu bestellen zu FH001

* to be ordered separately for FH001



ESMARCH

FH010

Staubinde

5 m lang

6 cm breit

Compression bandage

5 m long

6 cm wide



Amputation – Amputation

Amputationsmesser
Amputation Knives

FH



doppelschneidig
double cutting

LISTON

FH100R-FH103R

Amputationsmesser
Amputation knives

	FH100R	FH101R	FH102R	FH103R
Schnittlänge:	130 mm	160 mm	190 mm	220 mm
Blade length:	5 1/8"	6 1/4"	7 1/2"	8 3/4"



doppelschneidig
double cutting

1/2

CATLIN

FH116R

Amputationsmesser
Amputation knife

Schnittlänge: 160 mm
Blade length: 6 1/4"



1/2

LANGENBECK

FH150R

Lappenmesser
Flap knife

Schnittlänge: 120 mm
Blade length: 6 1/4"



Amputation – Amputation

Amputations- und Resektionsmesser

Amputation- and Resection Knives

FH



1/2

FH160R

Phalangenmesser
Phalangeal knife

Schnittlänge: 105 mm

Blade length: 4 1/8"



1/2

FH166R

Zwischenknochenmesser
Interosseous knife

Schnittlänge: 110 mm

Blade length: 4 3/8"

doppelschneidig
double cutting



1/2

FH170R

Beinhautmesser
mit Schaber
Periosteum knife
with raspator

Schnittlänge: 65 mm

Blade length: 2 1/2"



1/2

FH191R



FH192R

1/1

LANGENBECK

FH191R-FH192R

Resektionsmesser
Resection knives

Schnittlänge: 55 mm

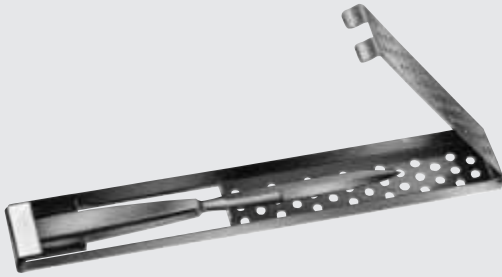
Blade length: 2 1/8"



Amputation – Amputation

Sterilisierahmen für Resektions- und Amputationsmesser
Sterilizing Racks for Resection- and Amputation Knives

FH

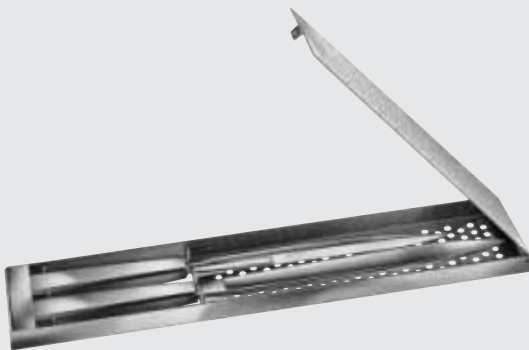


FH194R

Sterilisierahmen für 1 Messer
mit Schnittlänge bis 140 mm
Sterilizing rack for 1 knife
with length of blade up to 140 mm
290 x 40 x 14 mm

FH194R-FH197R

für Resektions- und Amputationsmesser
for Resection- and Amputation knives



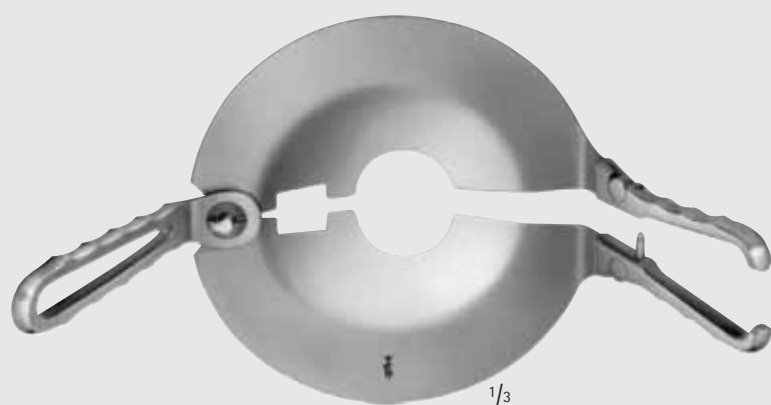
FH197R

Sterilisierahmen für 2 Messer
mit Schnittlängen bis 190 mm
Sterilizing rack for 2 knives
with length of blade up to 190 mm
335 x 65 x 14 mm



MILLIMETERS

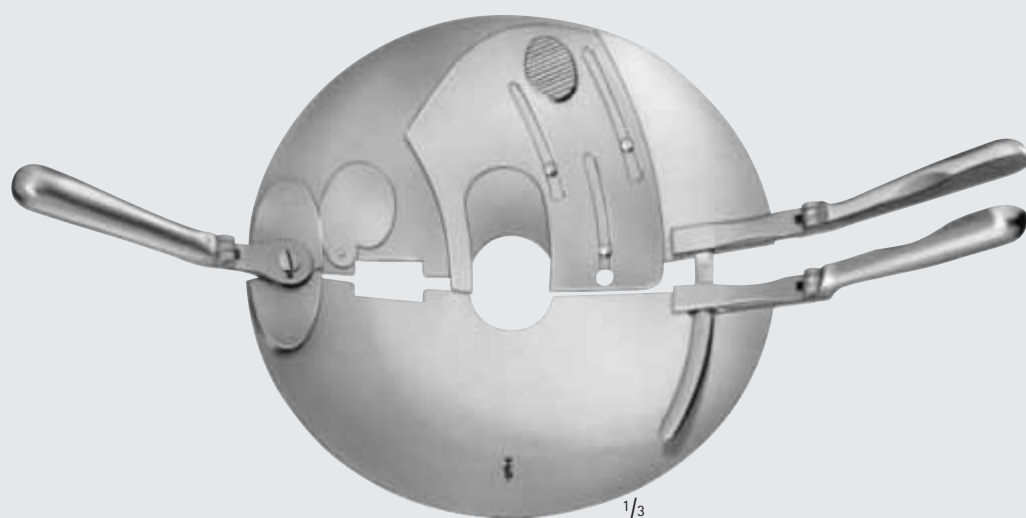
Amputation – Amputation
Amputationsretractoren
Amputation Retractors



PERCY

FH220R

Griffe abnehmbar
removable handles



PERCY

FH222R

Griffe umlegbar
reversible handles



Amputation – Amputation Amputationssägen Amputation Saws

FH

CHARRIÈRE

FH300R

komplett mit je 1 Sägeblatt
complete with one saw blade each

FH301C 12 mm

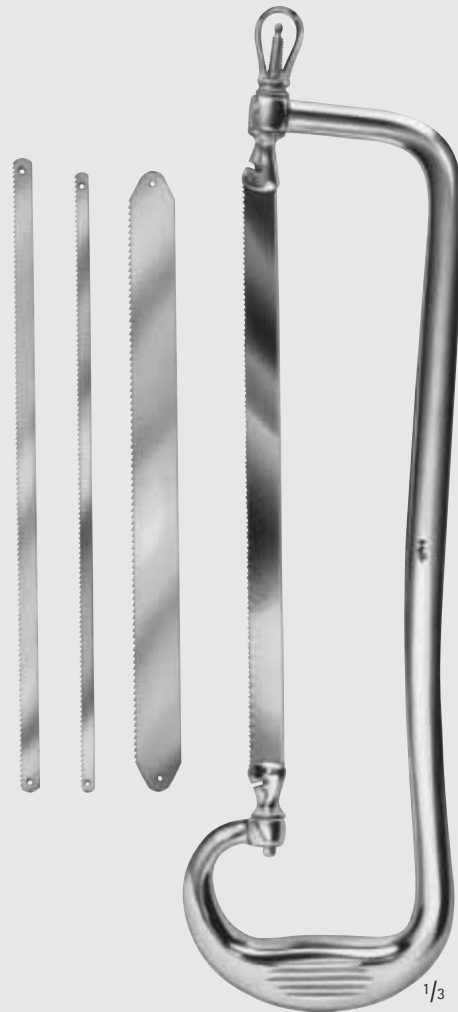
FH302C 18 mm

350 mm, 14"

FH301C-FH302C

Ersatz-Sägeblätter, Normalstahl verchromt
Spare saw blades, carbon steel chromium plated

	Breite Width	Blattlänge Blade length
FH301C	12 mm	215 mm, 8 1/2"
FH302C	18 mm	215 mm, 8 1/2"



RUST

FH305R

komplett mit Sägeblättern
complete with saw blades

1 FH307C 6 mm

1 FH308C 8 mm

2 FH310C 12 mm

390 mm, 15 1/2"

FH306R

Bogen allein
Bow only

FH307C-FH312C

Ersatz-Sägeblätter, Normalstahl verchromt
Spare saw blades, carbon steel chromium plated

	Breite Width	Blattlänge Blade length
FH307C	6 mm	235 mm, 9 1/4"
FH308C	8 mm	235 mm, 9 1/4"
FH310C	12 mm	235 mm, 9 1/4"
FH312C	18 mm	235 mm, 9 1/4"

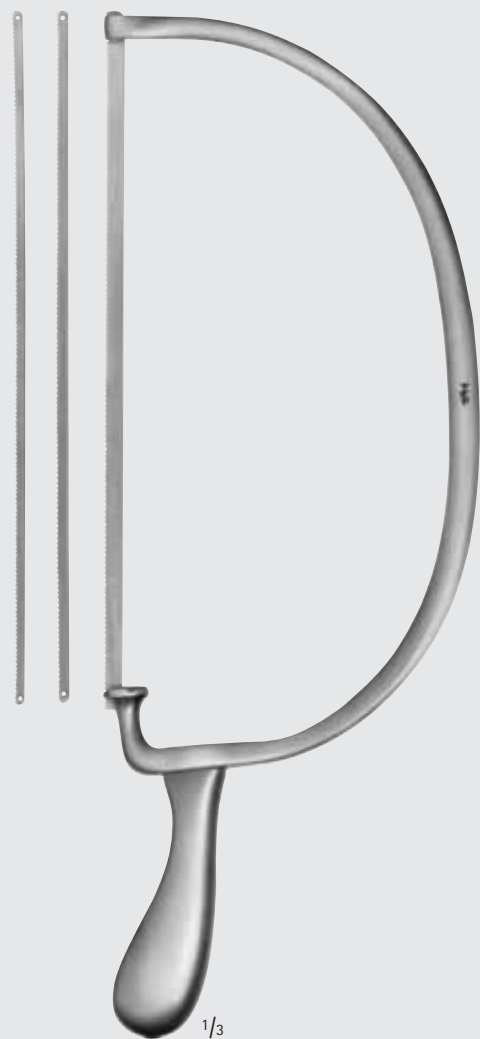


MILLIMETERS

Amputation – Amputation

Amputationssägen

Amputation Saws



BIER

FH313R

komplett mit je 1 Sägeblatt

complete with one saw blade each

FH314C 4 mm

FH315C 6 mm

FH316C 8 mm

420 mm, 16 3/4"

FH314C-FH316C

Ersatz-Sägeblätter, Normalstahl verchromt

Spare saw blades, carbon steel chromium plated

	Breite Width	Blattlänge Blade length
FH314C	4 mm	270 mm, 10 1/2"
FH315C	6 mm	270 mm, 10 1/2"
FH316C	8 mm	270 mm, 10 1/2"



CHARRIÈRE

FH320R

270 mm, 10 1/2"

Blattlänge: 184 mm,

Blade length: 7 1/4"

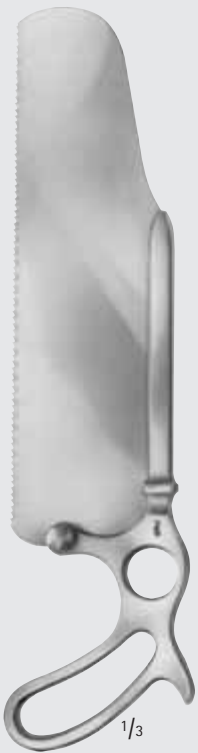


Amputation – Amputation

Amputationssägen

Amputation Saws

FH



SATTERLEE

FH325R

290 mm, 11 1/2"

Blattlänge

Blade length

FH326R 200 mm, 8"

Ersatz-Sägeblatt

Spare saw blade



LANGENBECK

FH335R

Finger-Stichsäge

Metacarpal saw

235 mm, 9 1/4"

Blattlänge: 115 mm,

Blade length: 4 1/2"



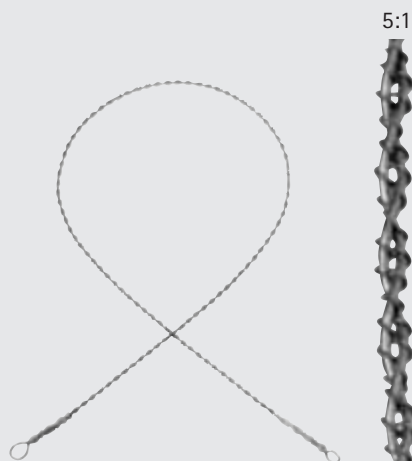
MILLIMETERS

Amputation – Amputation

Drahtsägen

Wire Saws

FH



OLIVECRONA

Ø

Diam.

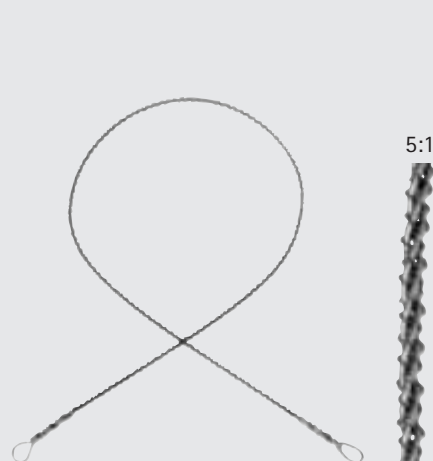
FH403	1,5 mm	300 mm, 12"
FH404	1,3 mm	400 mm, 16"
FH405	1,2 mm	500 mm, 20"
FH407	1,2 mm	700 mm, 28"

Bestelleinheit:

PAK = Packung à 5 Stück

Sales unit:

PAK = Package of 5 pieces



GIGLI

Ø

Diam.

FH413	1,4 mm	300 mm, 12"
FH414	1,4 mm	400 mm, 16"
FH415	1,4 mm	500 mm, 20"

fein, 6-teilig

fine, 6 wires twisted

FH430R

grob, 4-teilig

coarse, 4 wires twisted

500 mm, 20"

Bestelleinheit:

PAK = Packung à 5 Stück

Sales unit:

PAK = Package of 5 pieces



GIGLI

FH480R

Griff

Handle



Amputation – Amputation

Umführungsinstrumente

Conductors

FH



1/2

LEBSCHÉ

FF133C

Umführungsinstrument für GIGLI und OLIVECRONA Drahtsägen, biegsam
Conductor for GIGLI and OLIVECRONA wire saws, malleable
250 mm, 10"



1/2

DE MARTEL

FF130R

Umführungsinstrument für GIGLI und OLIVECRONA Drahtsägen, flexibel
Conductor for GIGLI and OLIVECRONA wire saws, flexible
350 mm, 14"



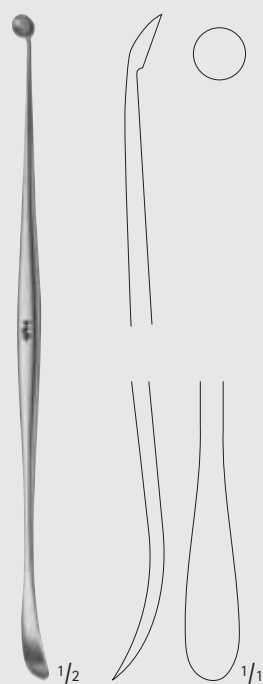
MILLIMETERS



FK



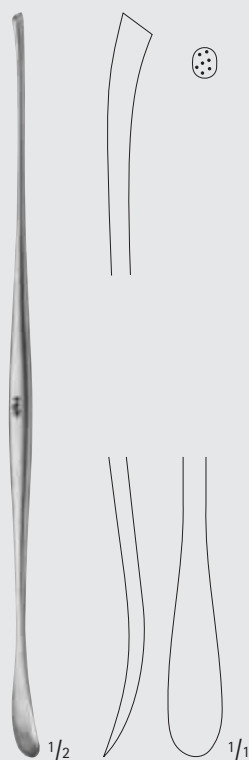
Knochenhebel, Elevatorien,
Raspatorien, Scharfe Löffel
Bone Levers, Periosteal Elevators,
Bone Curettes



PENFIELD

FF291R

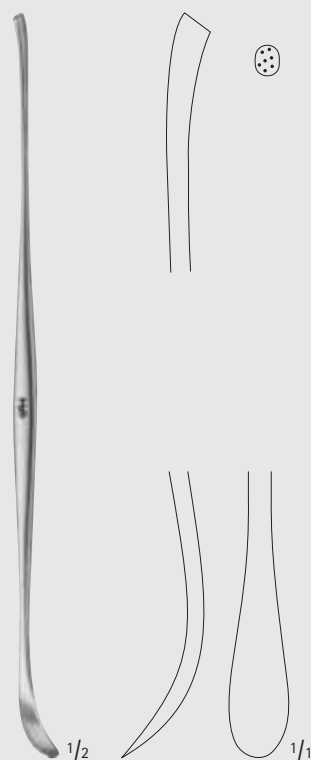
Fig. 1
 doppelendig
 double-ended
 175 mm, 7"



PENFIELD

FF292R

Fig. 2
 doppelendig
 double-ended
 195 mm, 7 3/4"



PENFIELD

FF293R

Fig. 3
 doppelendig
 double-ended
 195 mm, 7 3/4"



PENFIELD

FF294R

Fig. 4
 leicht gebogen
 slightly curved
 205 mm, 8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Dissektoren, Hohlsonden

Dissector, Grooved Director

EK



SWEDISH

FF347R 180 mm, 7"

leichtes Modell
light pattern

FF348R 200 mm, 8"

kräftiges Modell
heavy pattern



PENNYBACKER

FF349R

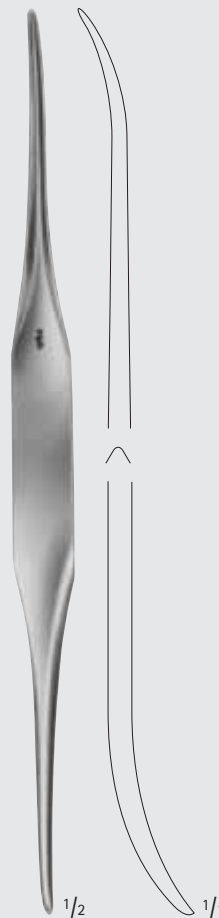
Sonde und Dissektor
Probe dissector
230 mm, 9"



O'CONNELL

FF730R

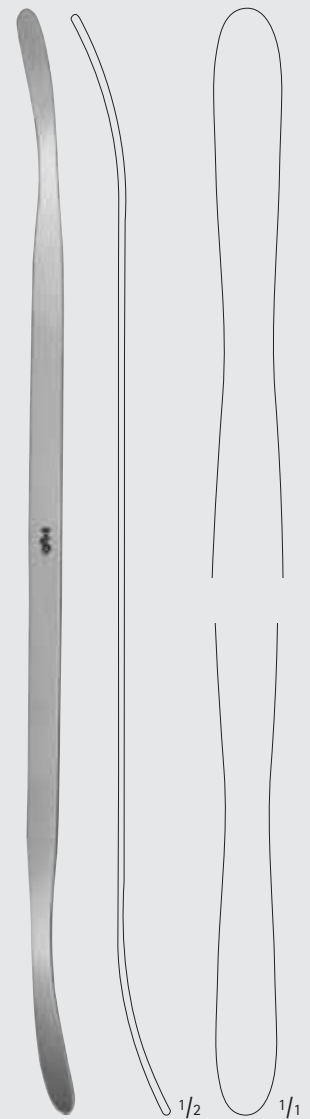
doppelendig
double-ended
220 mm, 8 3/4"



TÖNNIS

FF308R

Hohlsonde
Grooved director
240 mm, 9 1/2"



PENFIELD

FF295R

Fig. 5
doppelendig, leicht gebogen
double-ended, slightly curved
290 mm, 11 1/2"

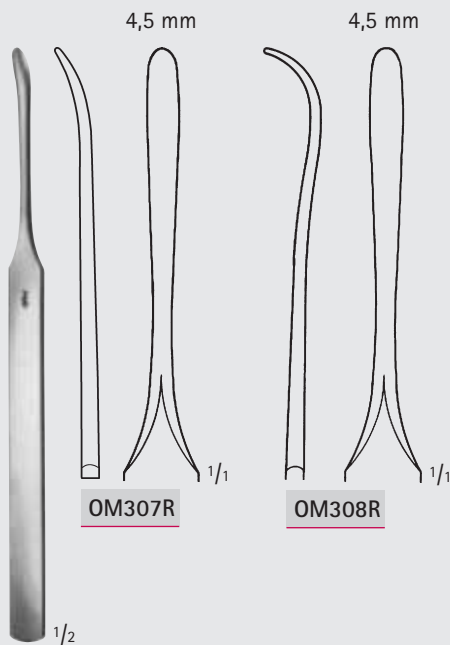


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Elevatoren und Knochenheber

Elevators and Bone Levers

FK



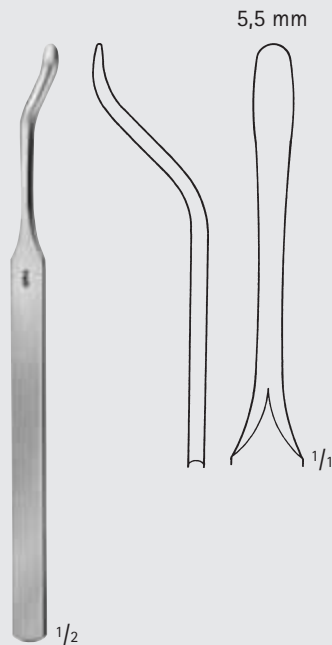
OM307R

OM308R

KÖNIG

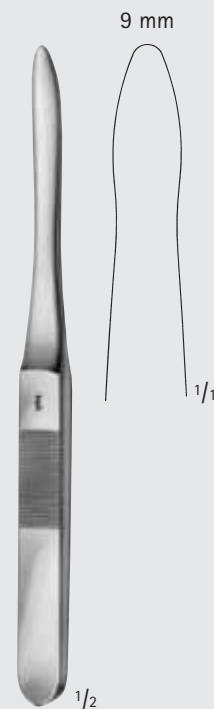
OM307R-OM308R

155 mm, 6"



FK110R

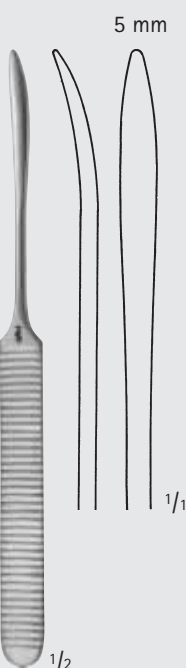
155 mm, 6"



CAIRNS

FK141R

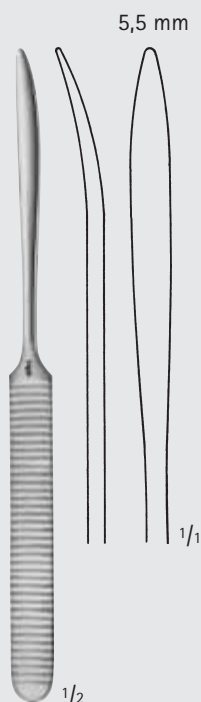
175 mm, 6 3/4"



WILLIGER

FK120R

165 mm, 6 1/2"



WILLIGER

FK121R

170 mm, 6 3/4"



MB275R

klein

small

14 mm

185 mm

7 1/4"

MB276R

mittel

medium

19 mm

205 mm

8"

MB277R

groß

large

25 mm

235 mm

9 1/4"

MB278R

extra groß

extra large

30 mm

255 mm

10"

CHANDLER

MB275R-MB278R

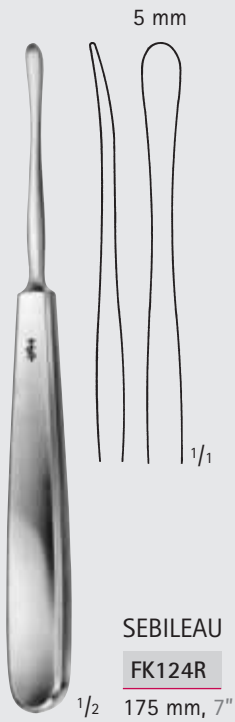


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Elevatoren und Knochenheber

Elevators and Bone Levers

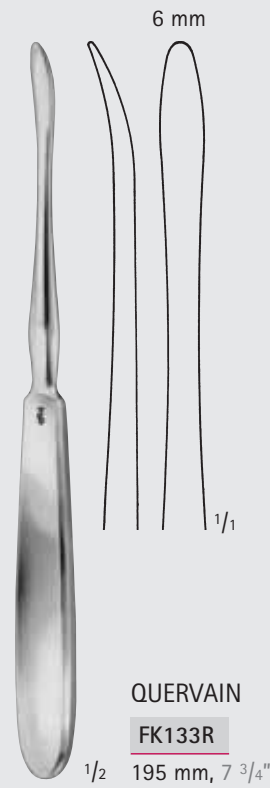
FK



SEBILEAU

FK124R

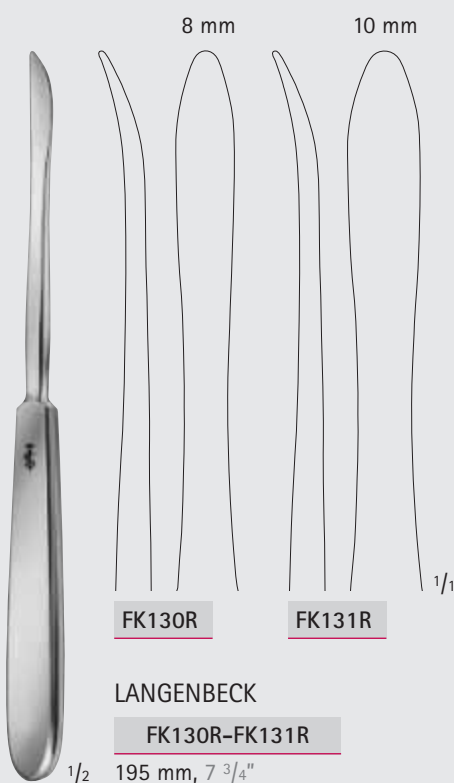
1/2 175 mm, 7"



QUERVAIN

FK133R

1/2 195 mm, 7 3/4"



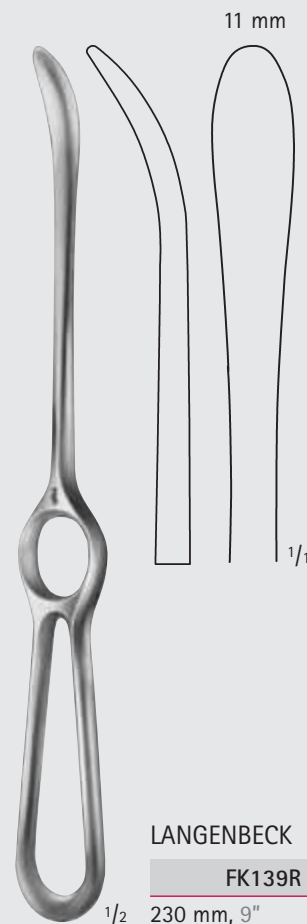
FK130R

FK131R

LANGENBECK

FK130R-FK131R

1/2 195 mm, 7 3/4"



LANGENBECK

FK139R

1/2 230 mm, 9"



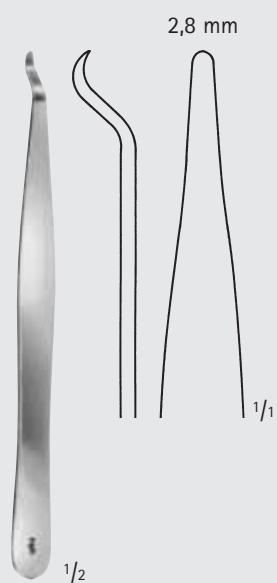
MILLIMETERS

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

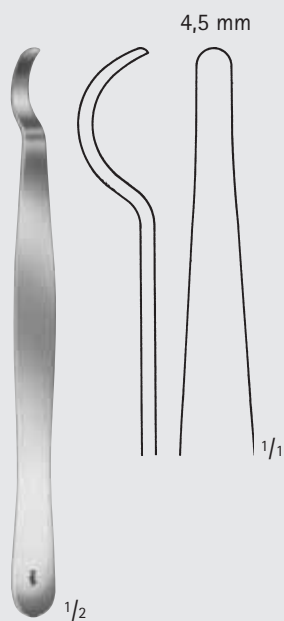
Bone Levers

FK



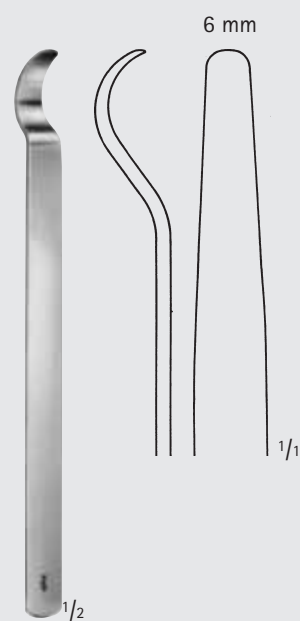
FK111R

140 mm, 5 1/2"



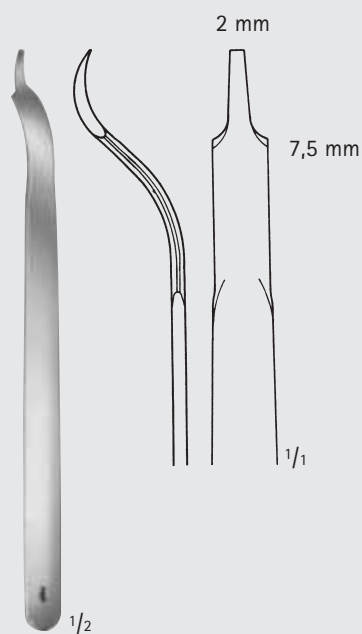
FK113R

150 mm, 6"



FK114R

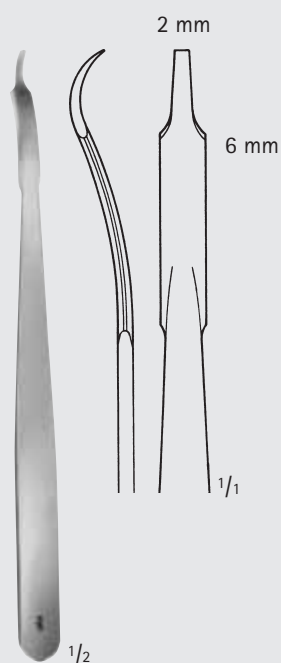
150 mm, 6"



BUCK-GRAMCKO

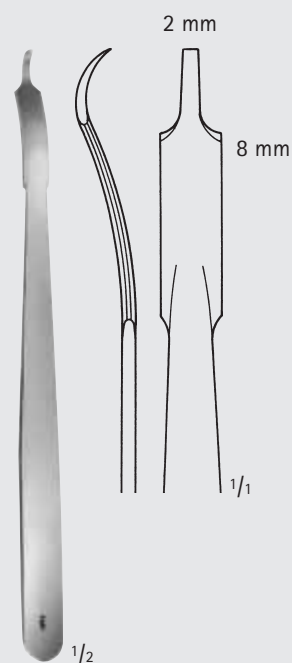
FK116R

150 mm, 6"



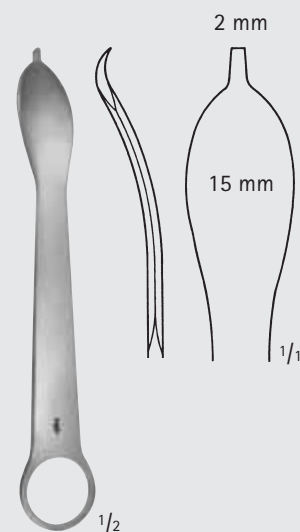
FK117R

160 mm, 6 1/4"



FK118R

160 mm, 6 1/4"



FK119R

125 mm, 5"



Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Crettes

Knochenhebel
Bone Levers

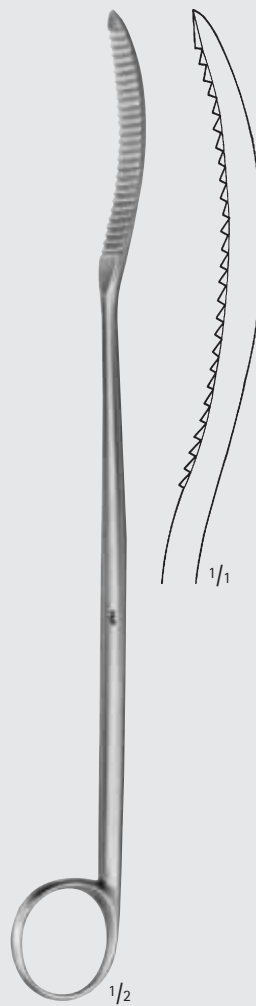
EK



LANE TRETHOWAN

FK135R

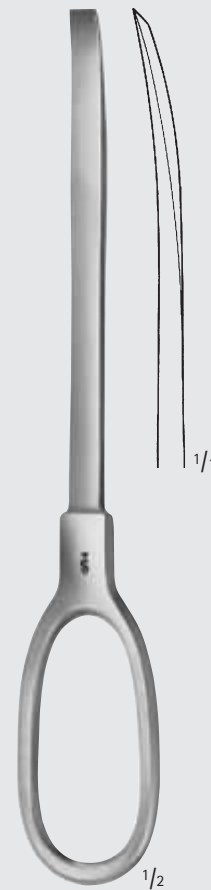
215 mm, 8 1/2"



LANE

FK136R

255 mm, 10"



BRISTOW

FK140R

230 mm, 9"



Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

Bone Levers

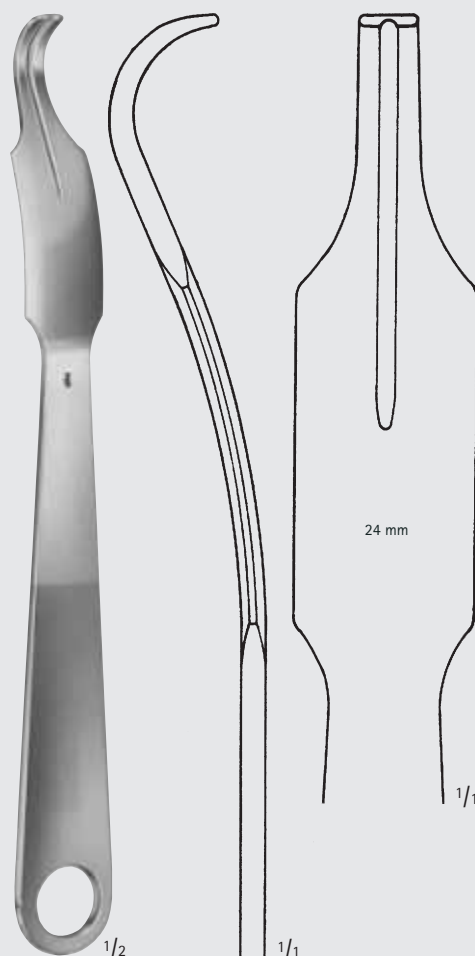
FK



WATSON-JONES

FK156R

280 mm, 11"



LANGE-HOHMANN

FK160R

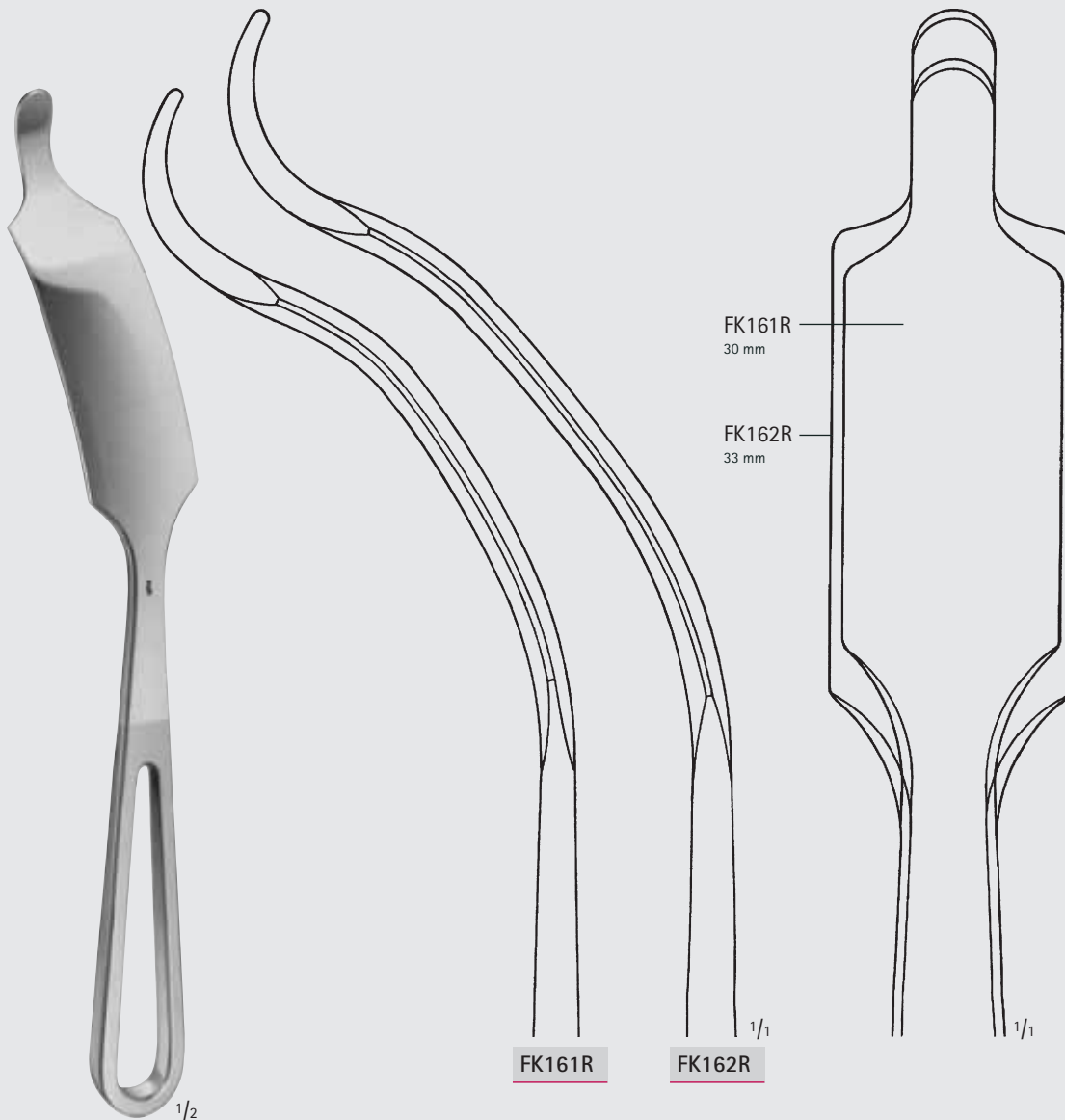
250 mm, 10"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenheber
Bone Levers

EK



LANGE-HOHMANN MODIF.

FK161R	265 mm	10 1/2"
FK162R	280 mm	11 1/2"

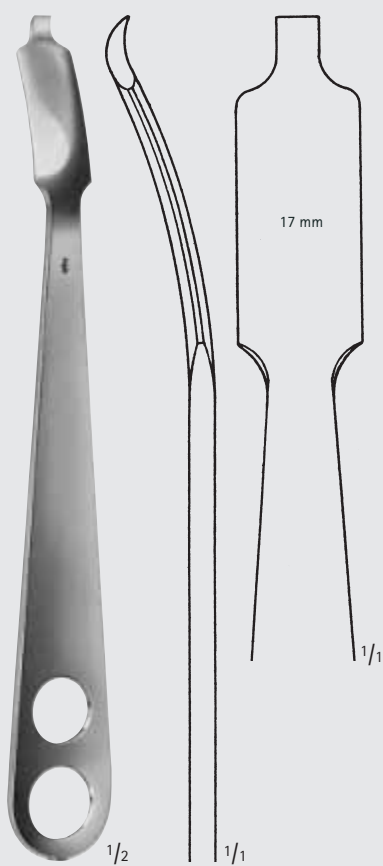
MILLIMETERS

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

Bone Levers

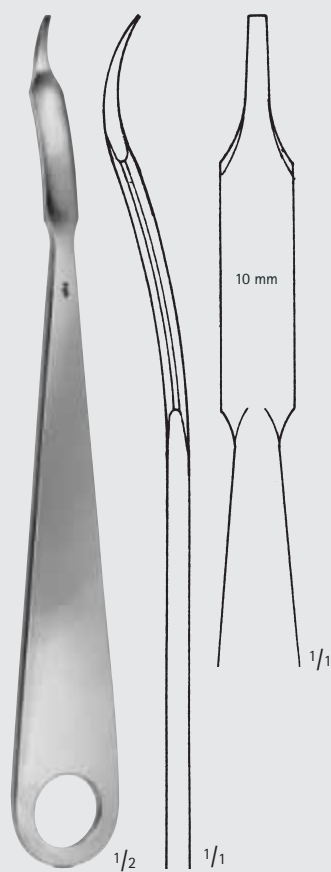
FK



WAGNER

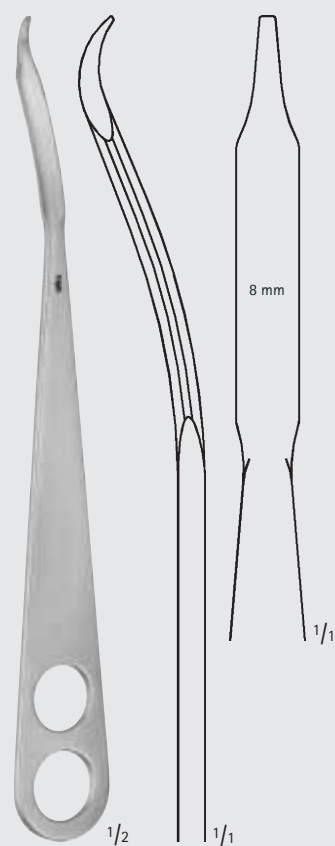
FK167R

220 mm, 8 3/4"



FK170R

220 mm, 8 3/4"



FK185R

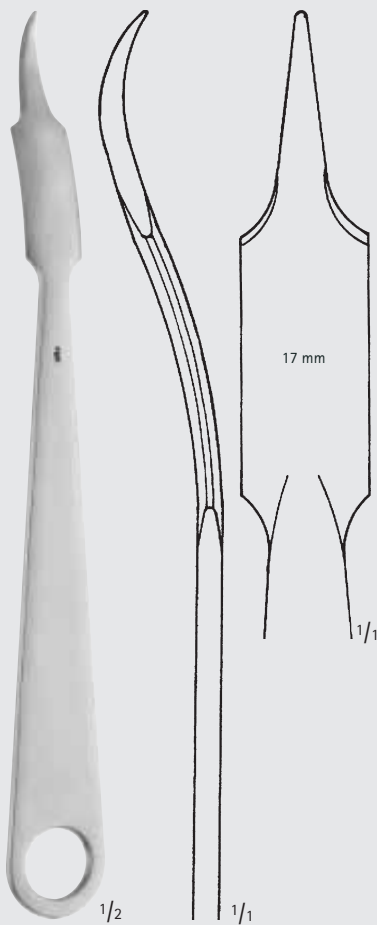
220 mm, 8 3/4"

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenheber

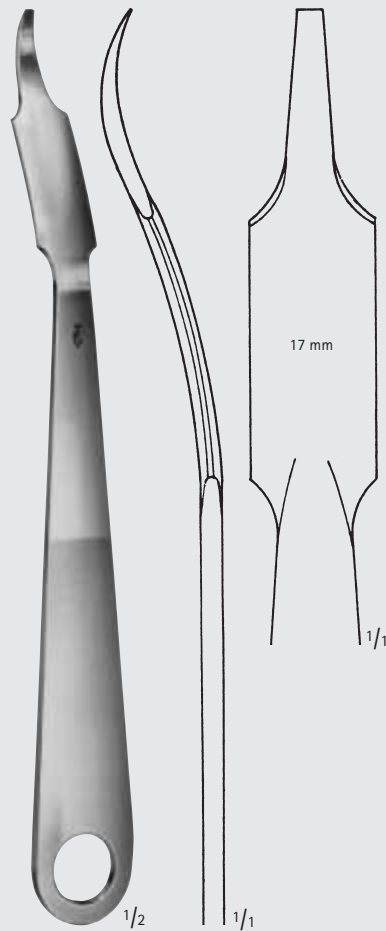
Bone Levers

EK



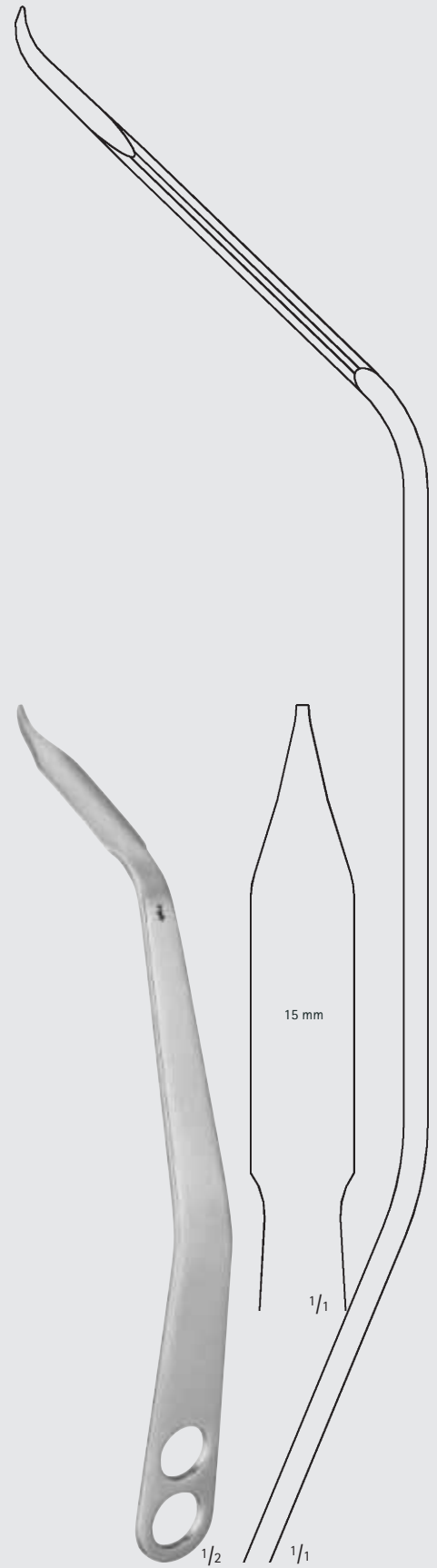
FK166R

240 mm, 9 1/2"



FK171R

240 mm, 9 1/2"



FK186R

250 mm, 10"



Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

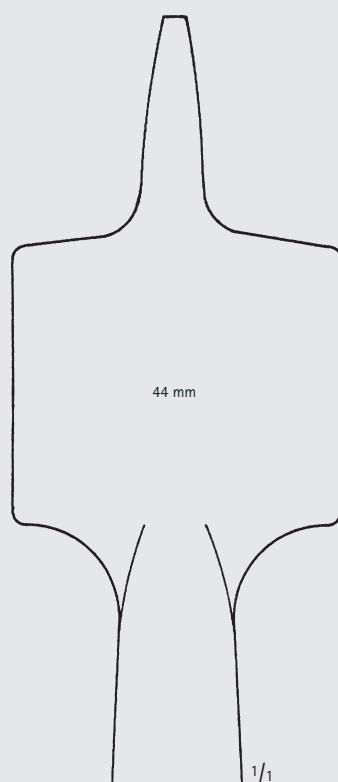
Knochenhebel

Bone Levers

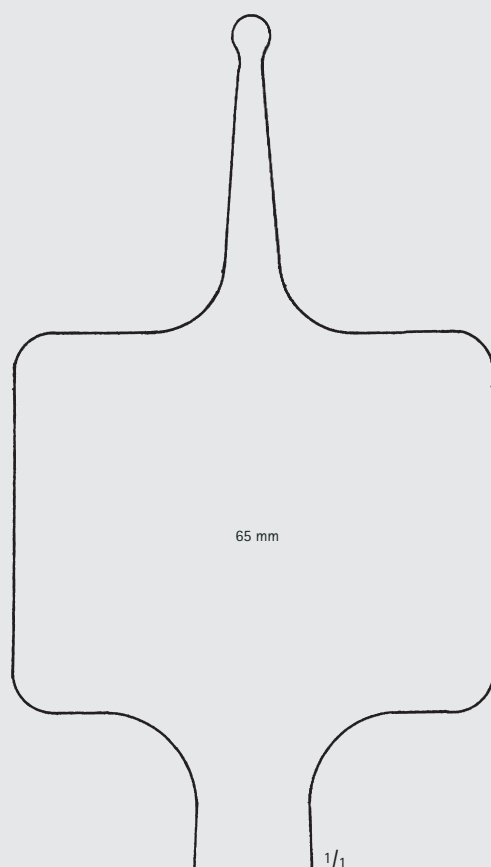
FK



FK174R FK175R



FK174R



FK175R

VERBRUGGE-MÜLLER

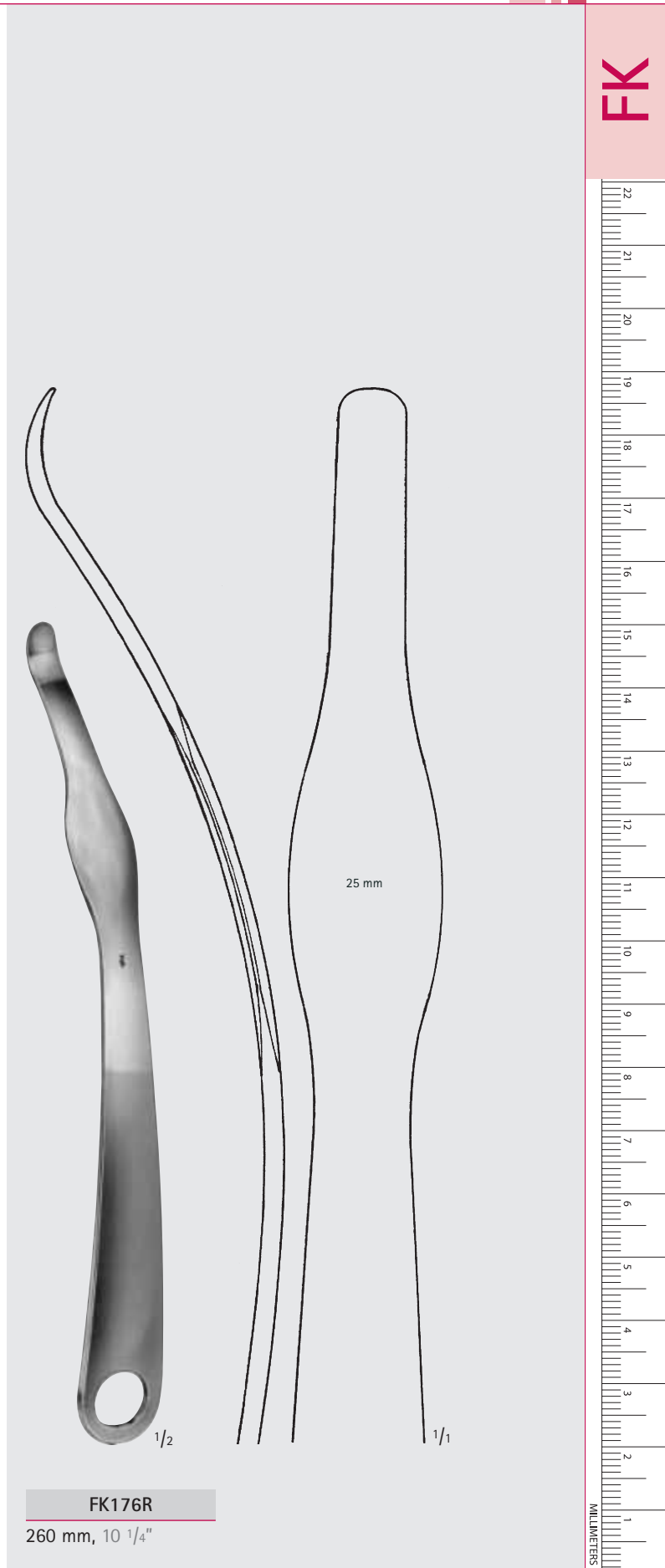
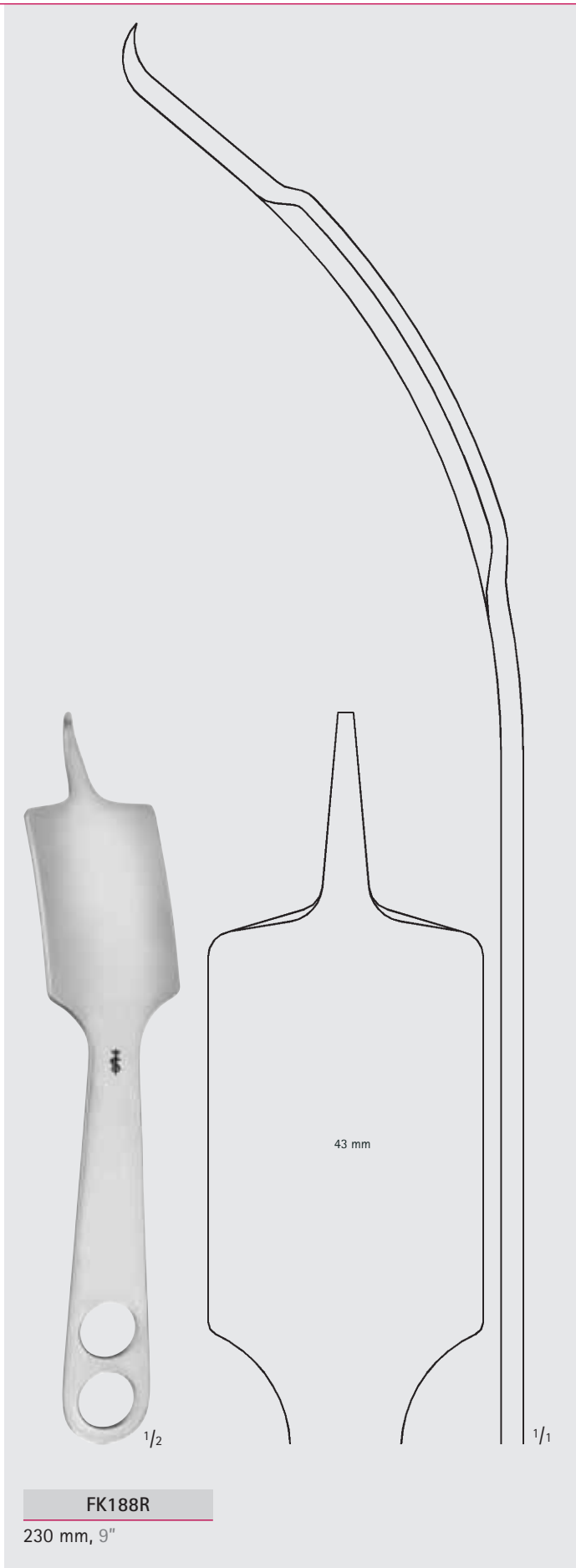
FK174R	240 mm	9 1/2"
FK175R	255 mm	10"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenheber
Bone Levers

EK

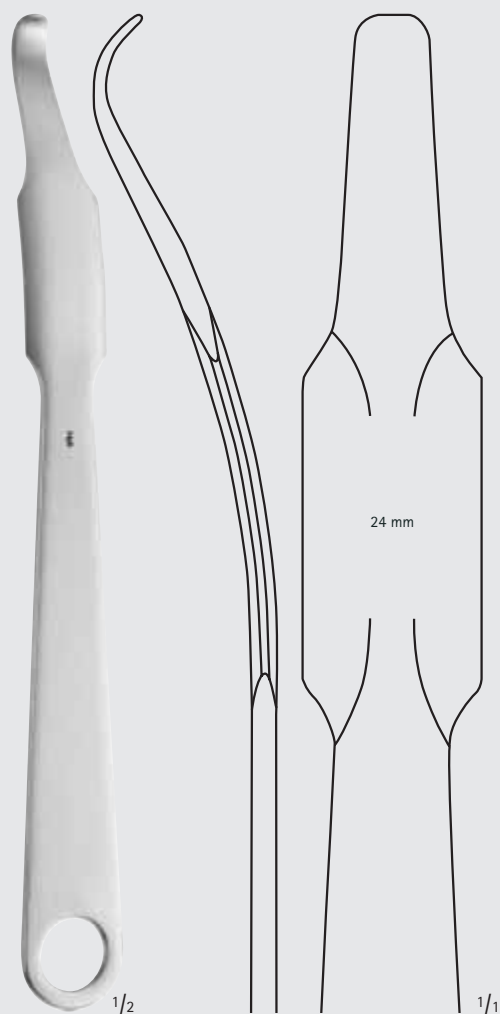


Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

Bone Levers

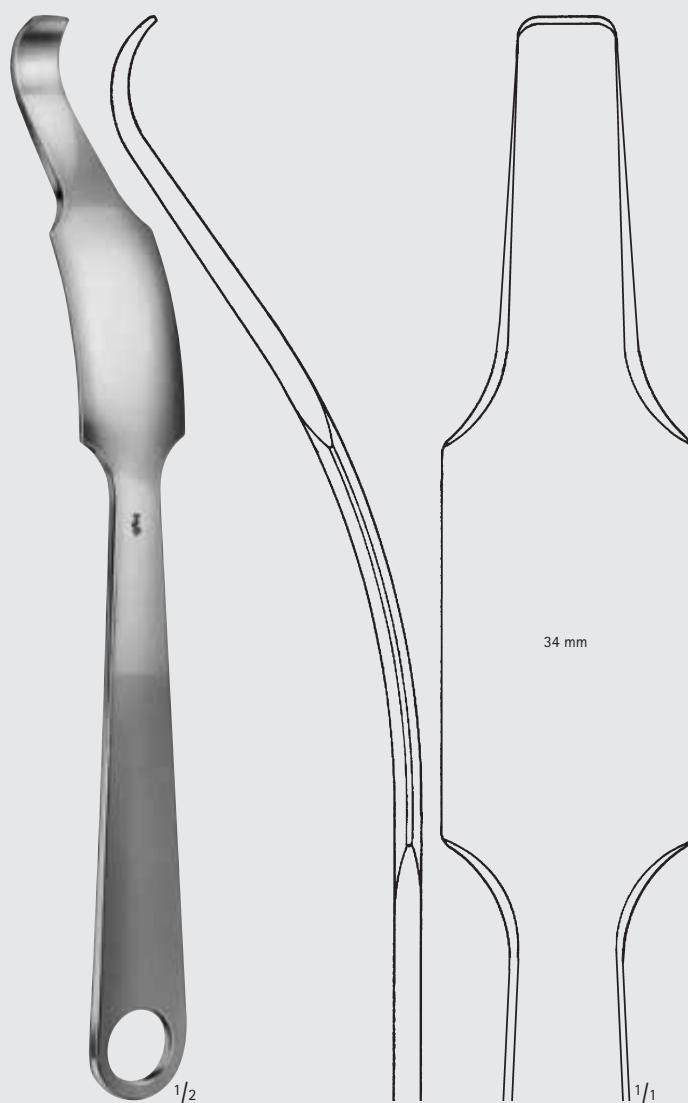
FK



HOHMANN

FK172R

260 mm, 10 1/4"



HOHMANN

FK173R

285 mm, 11 1/4"

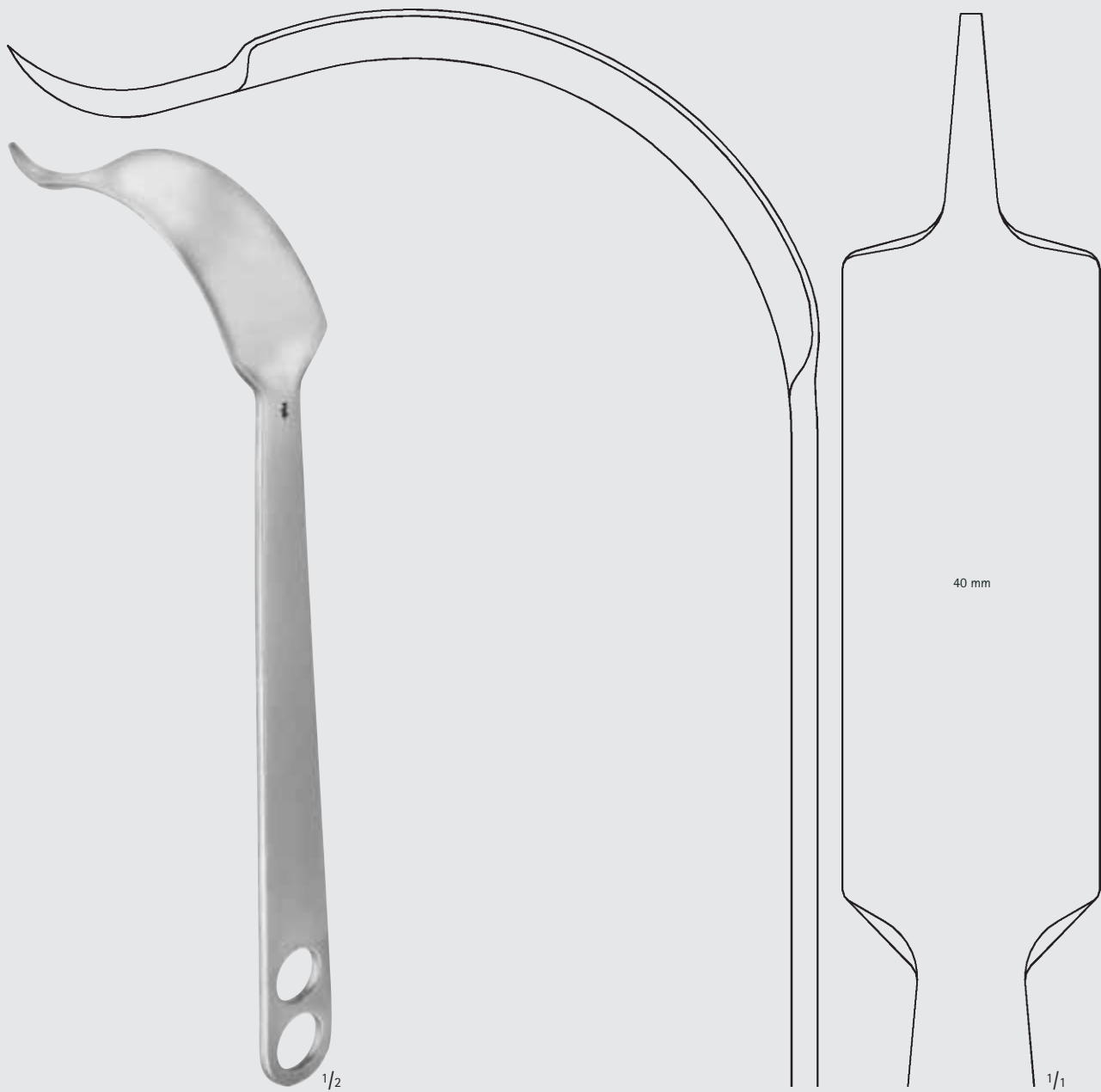


Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

Bone Levers

EK



FK189R

290 mm, 11 1/2"

MILLIMETERS

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

Bone Levers

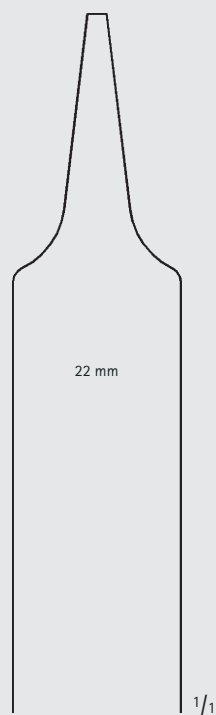
FK



1/2

FK187R

300 mm, 12"



22 mm

1/1

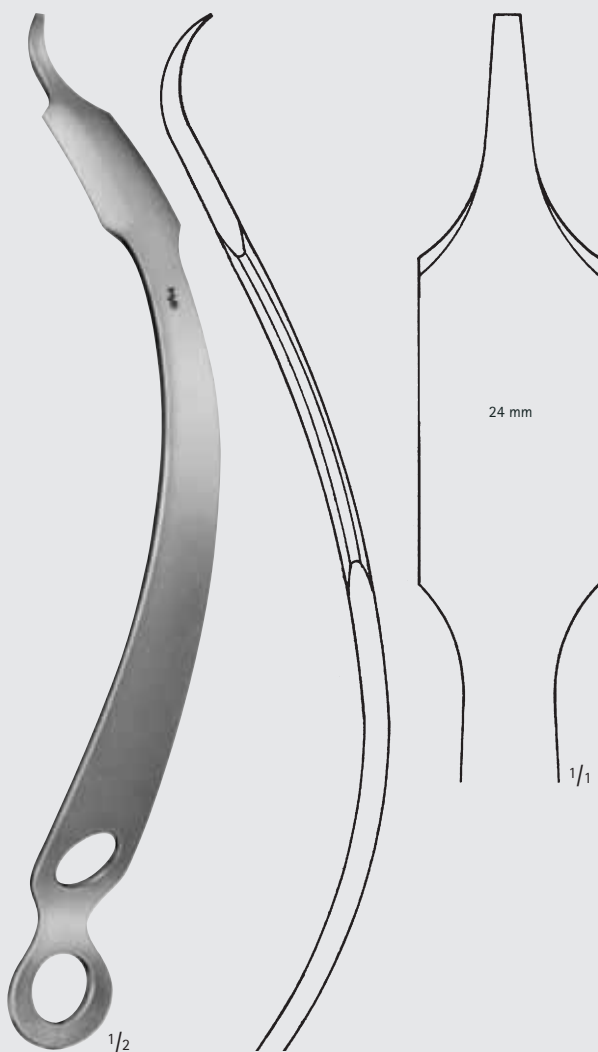
1/1



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenheber
Bone Levers

FK



HOHMANN-ALDINGER

FK169R

270 mm, 10 $\frac{3}{4}$ "



SCHUMACHER MOD. WAGNER

FK168R

355 mm, 13 $\frac{1}{2}$ "

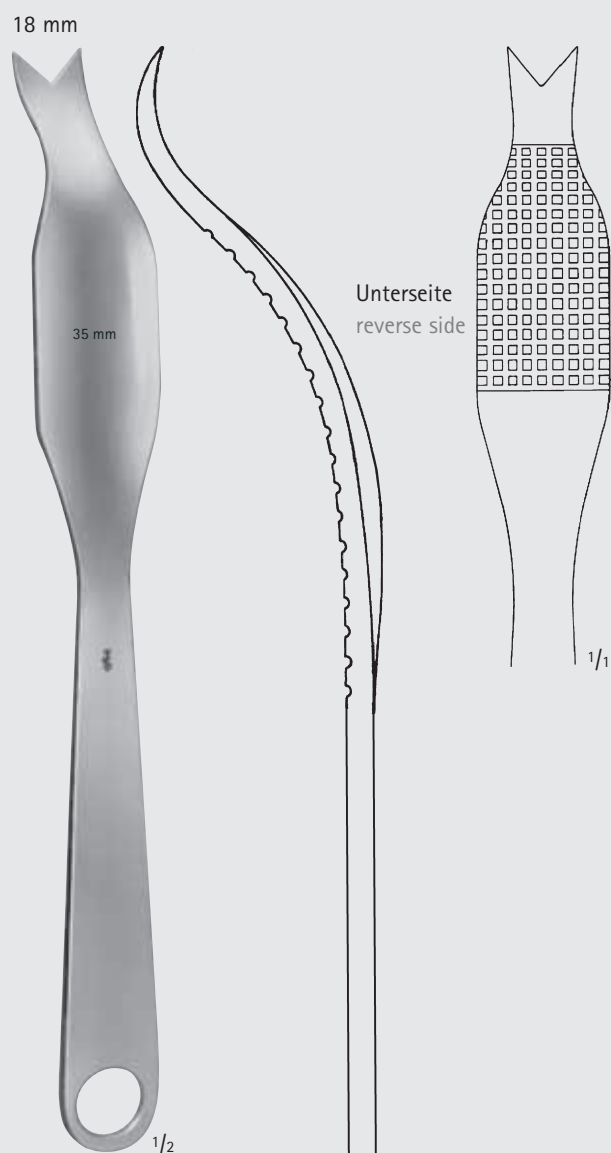


Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel, Spezial-Knochenhebel

Bone Levers, Special Bone Levers

FK



SCHUMACHER

FK177R

290 mm, 11 1/2"



TÄGER

FK158R

Knochenhebel für Fußgelenkoperationen

Bone lever for angle joint operations

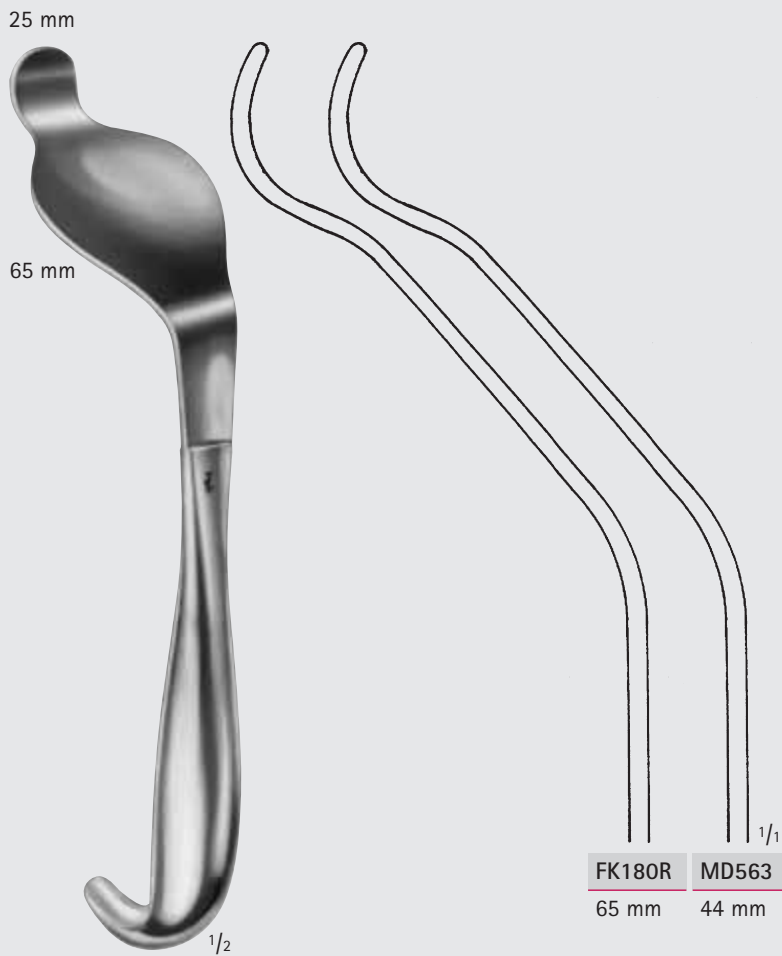
175 mm, 7"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Spezial-Knochenheber Special Bone Levers

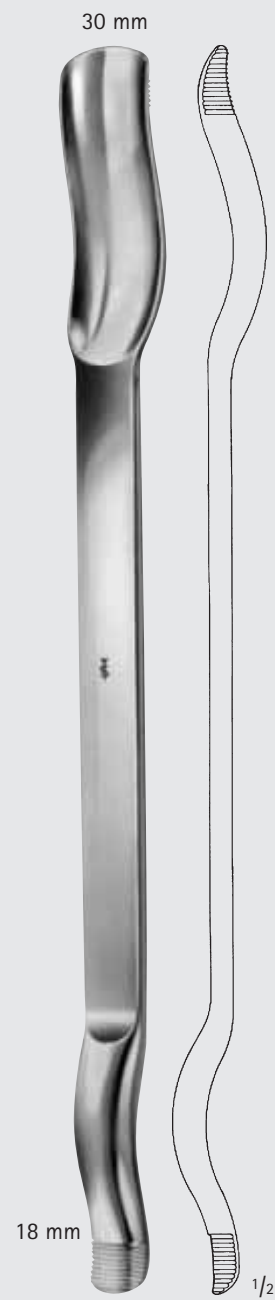
EK



BENNETT

FK180R-MD563

235 mm, 9 1/4"



MURPHY-LANE

FK193R

Luxationsheber

Luxation lever

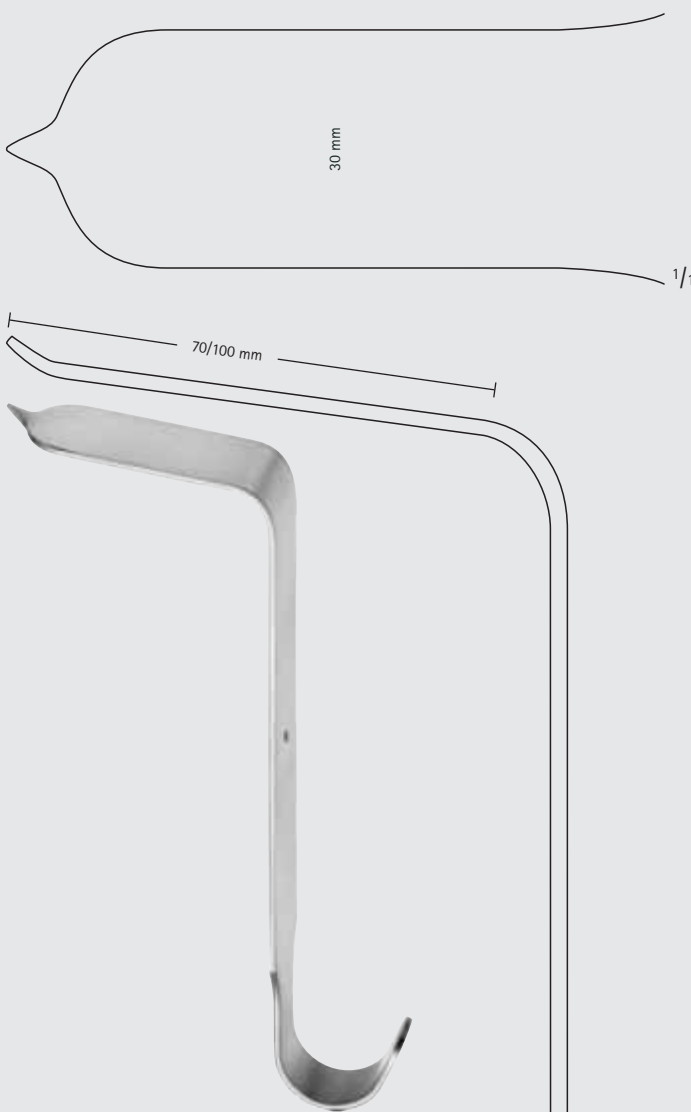
330 mm, 13 1/8"



MILLIMETERS

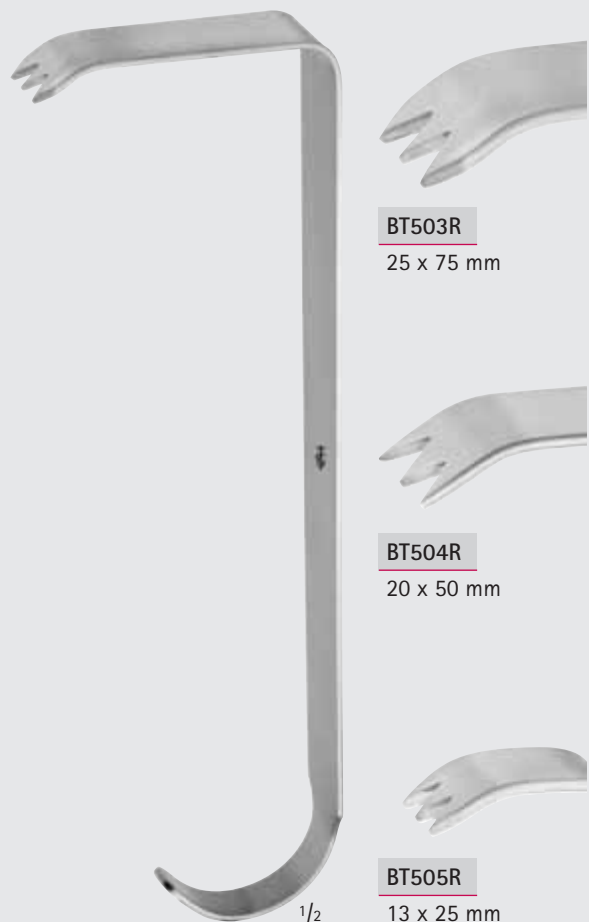
Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes
 Retraktoren
 Retractors

FK



TAYLOR

	Blattgröße: Blade size:			
BT501R	30 x 70 mm	185 mm	7 1/4"	
BT502R	30 x 100 mm	200 mm	8"	



HIBBS

BT503R-BT505R
 235 mm, 9 1/8"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren
MIOS Retractors

90°

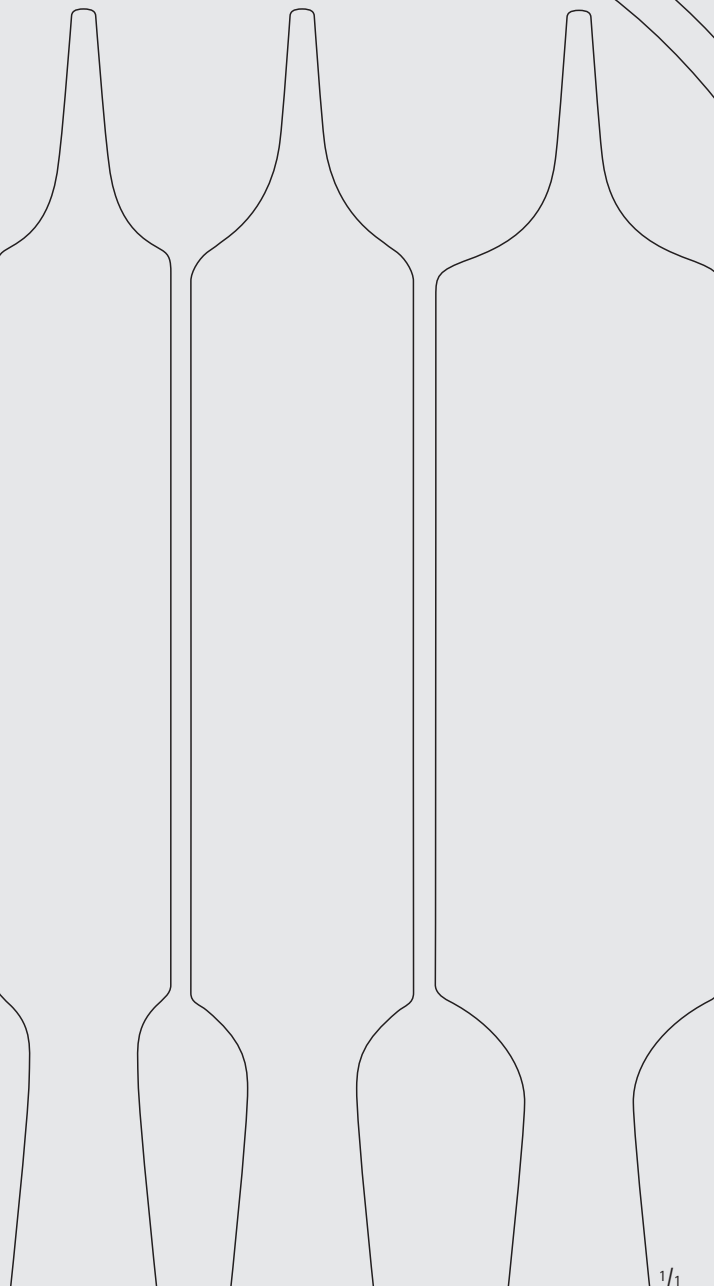
FK213R

FK212R

FK211R



1/2



1/1

1/1

FK211R-FK213R

scharfe Spitze
sharp tip
240 mm, 9 1/2"

FK211R

22 mm

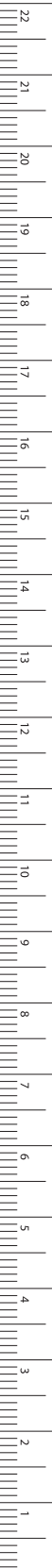
FK212R

28 mm

FK213R

40 mm

EK



MILLIMETERS

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

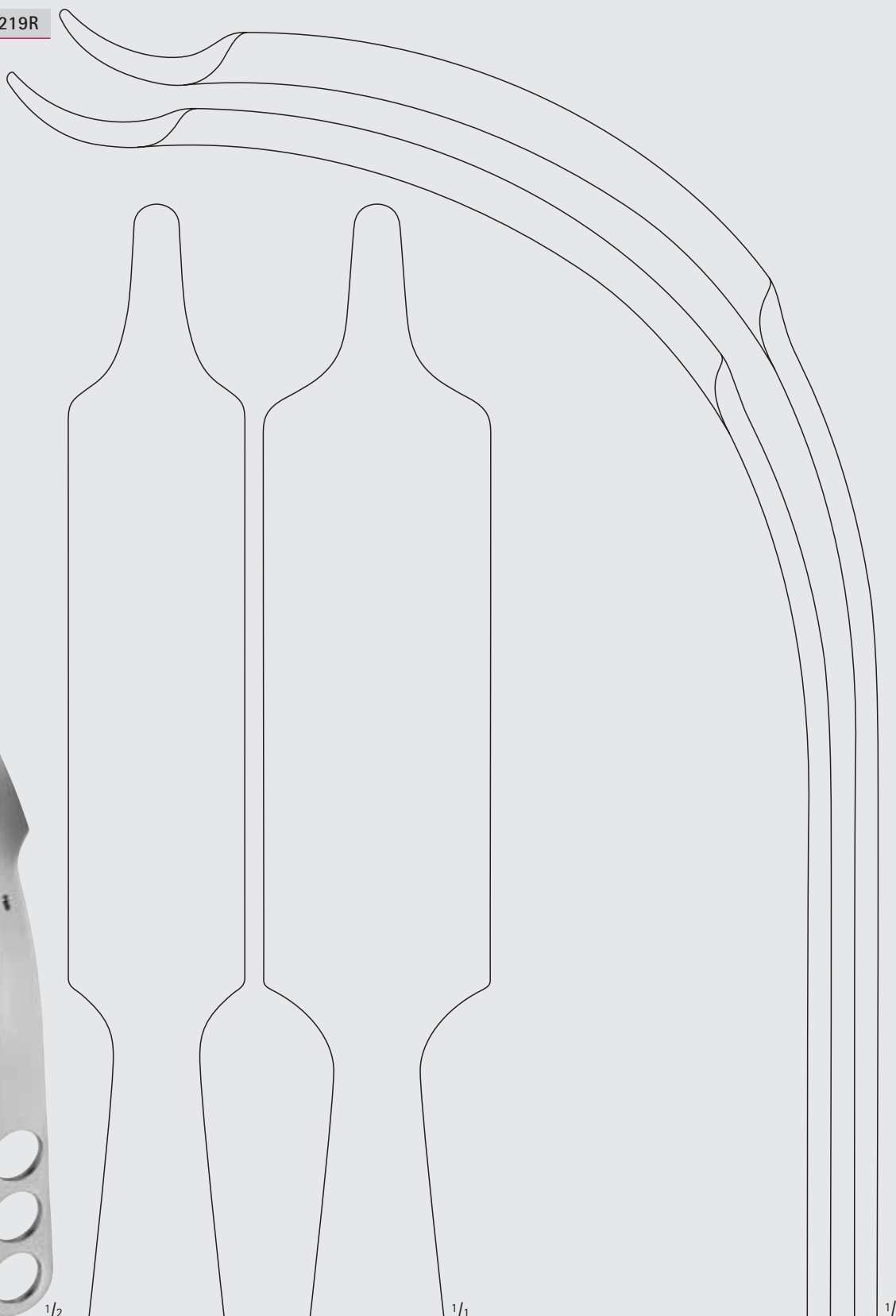
MIOS Retraktoren

MIOS Retractors

90°

FK219R

FK218R



1/2

1/1

1/1

FK218R

28 mm

FK219R

40 mm

FK218R-FK219R

stumpfe Spitze

blunt tip

240 mm, 9 1/2"

INCHES

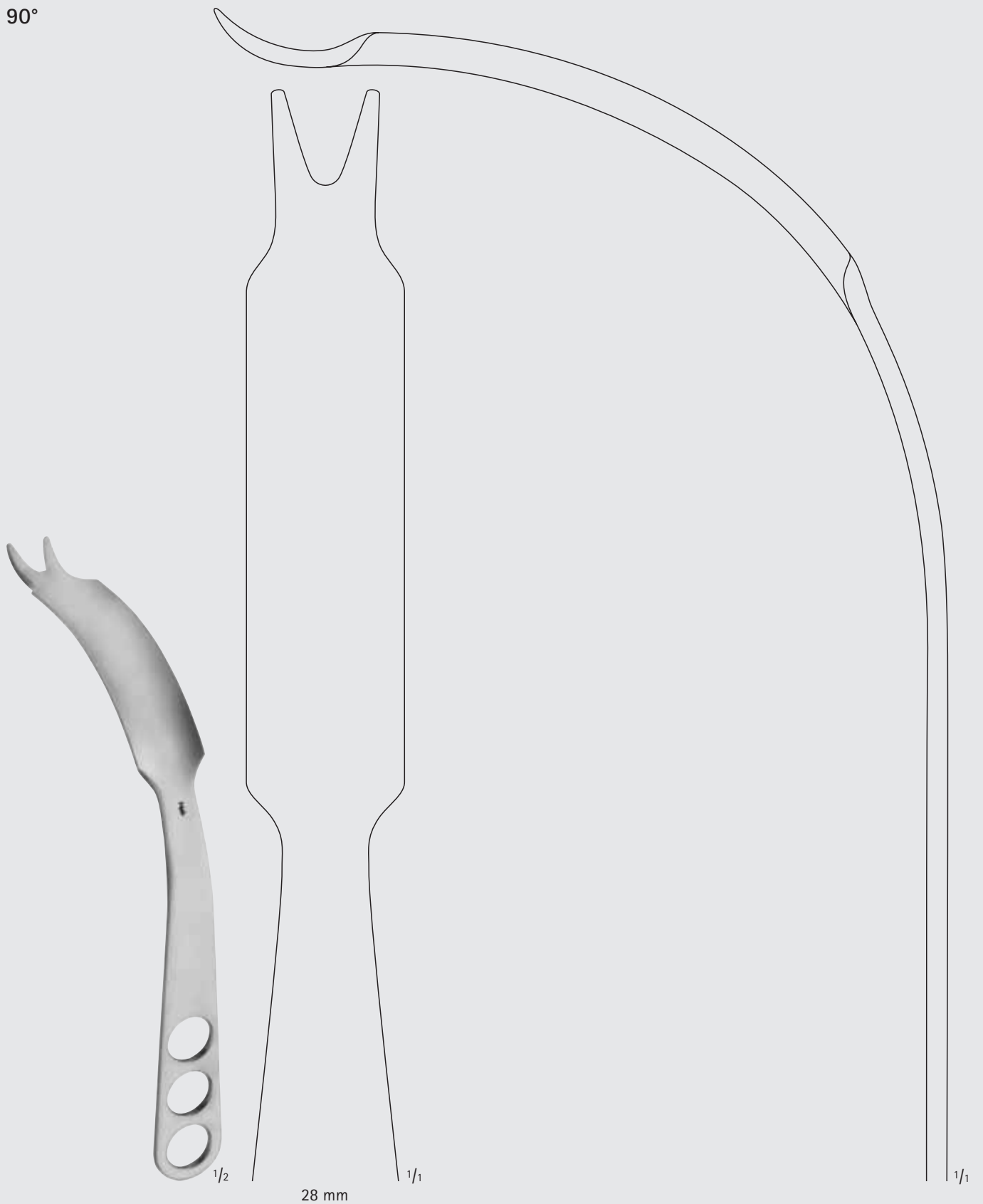


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

90°



FK224R

V-Spitze

V-tip

240 mm, 9 1/2"

EK



MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

90°

FK214R

FK215R



1/2

FK214R

22 mm

FK215R

28 mm

1/1

1/1

FK214R-FK215R

kurze Spitze

short tip

240 mm, 9 1/2"

INCHES



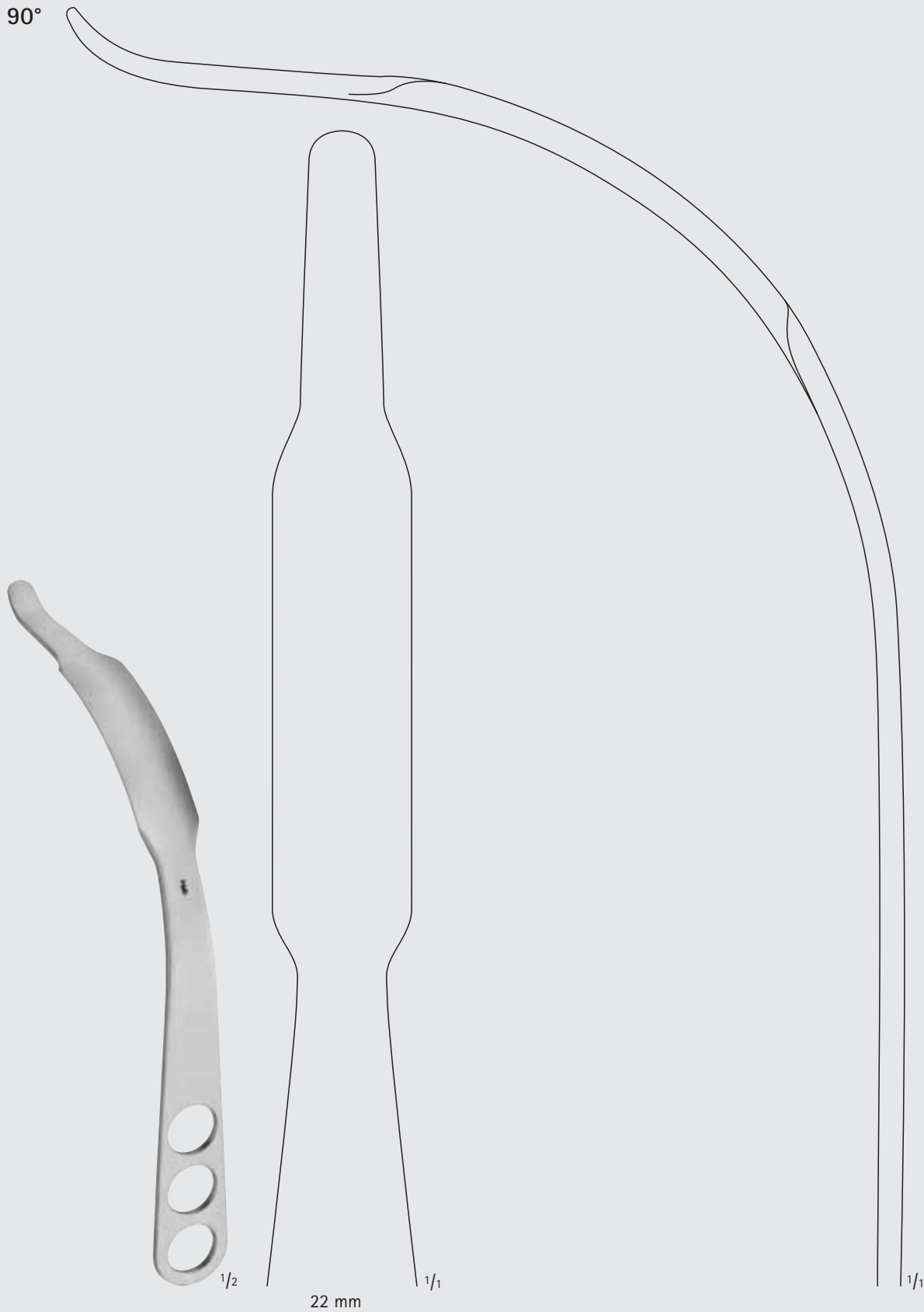
Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

EK

90°



FK239R

Schenkelhals-Spitze

femoral neck tip

240 mm, 9 1/2"

MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

60°



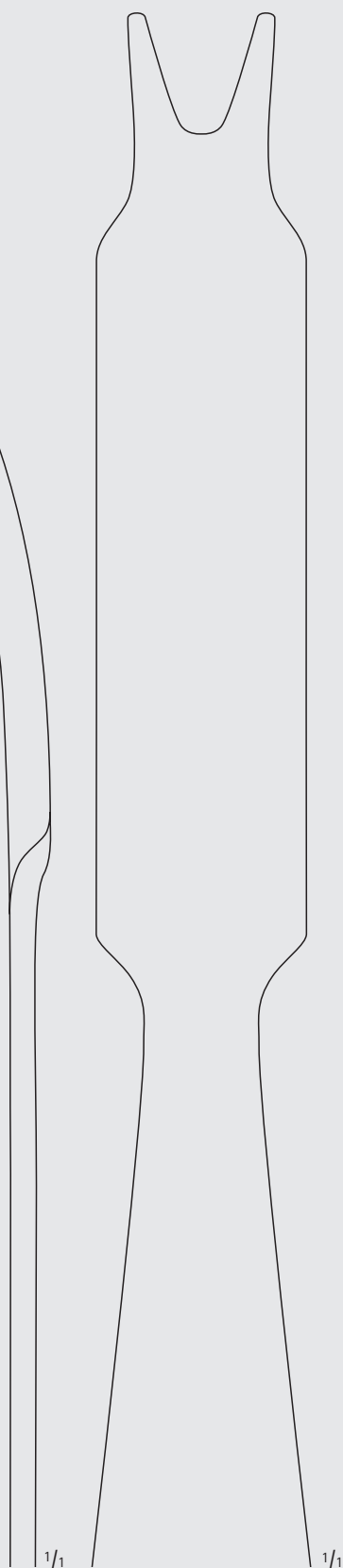
1/2

FK223R

V-Spitze

V-tip

300 mm, 12"



1/1

28 mm

1/1

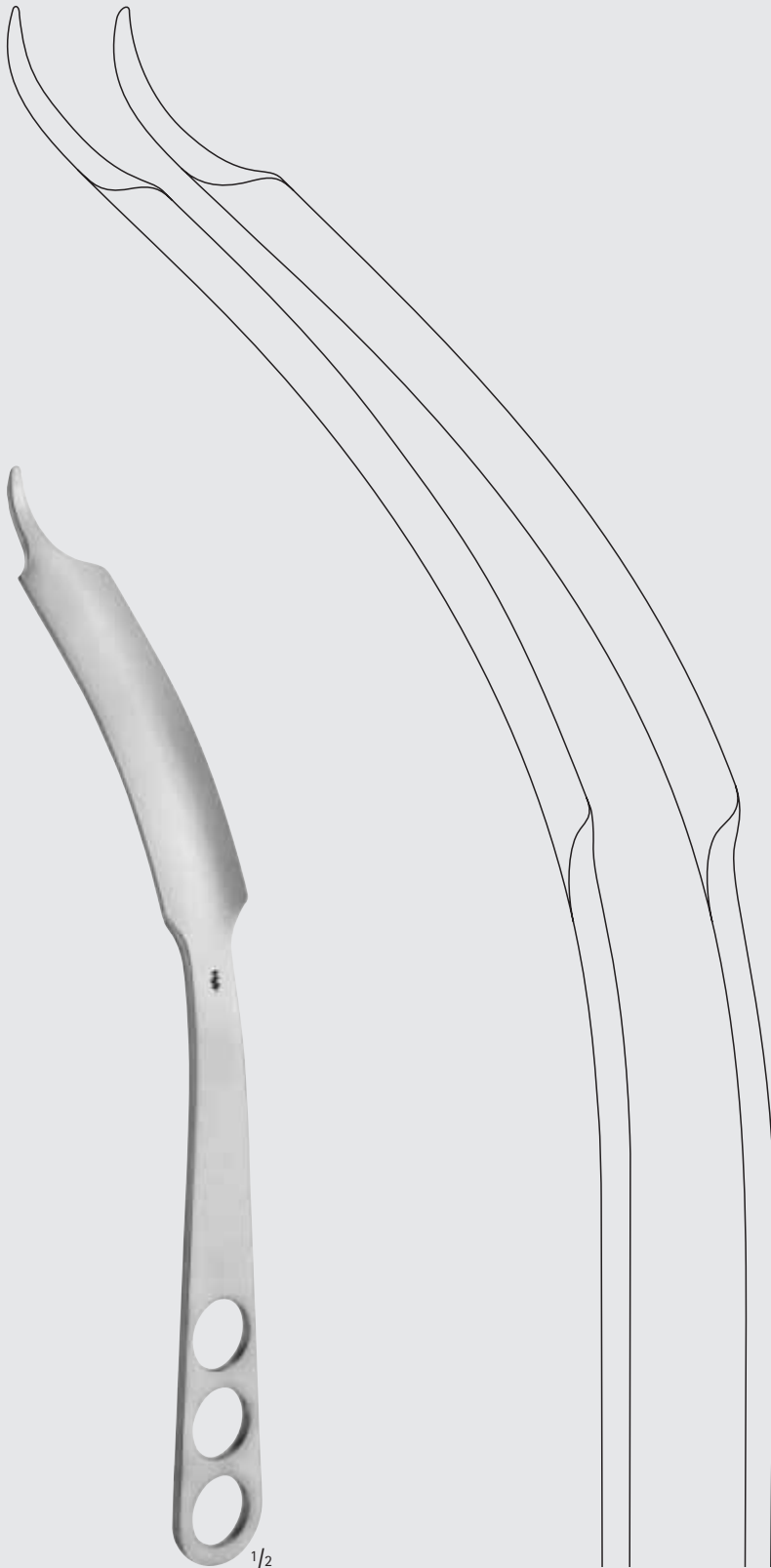
FK



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

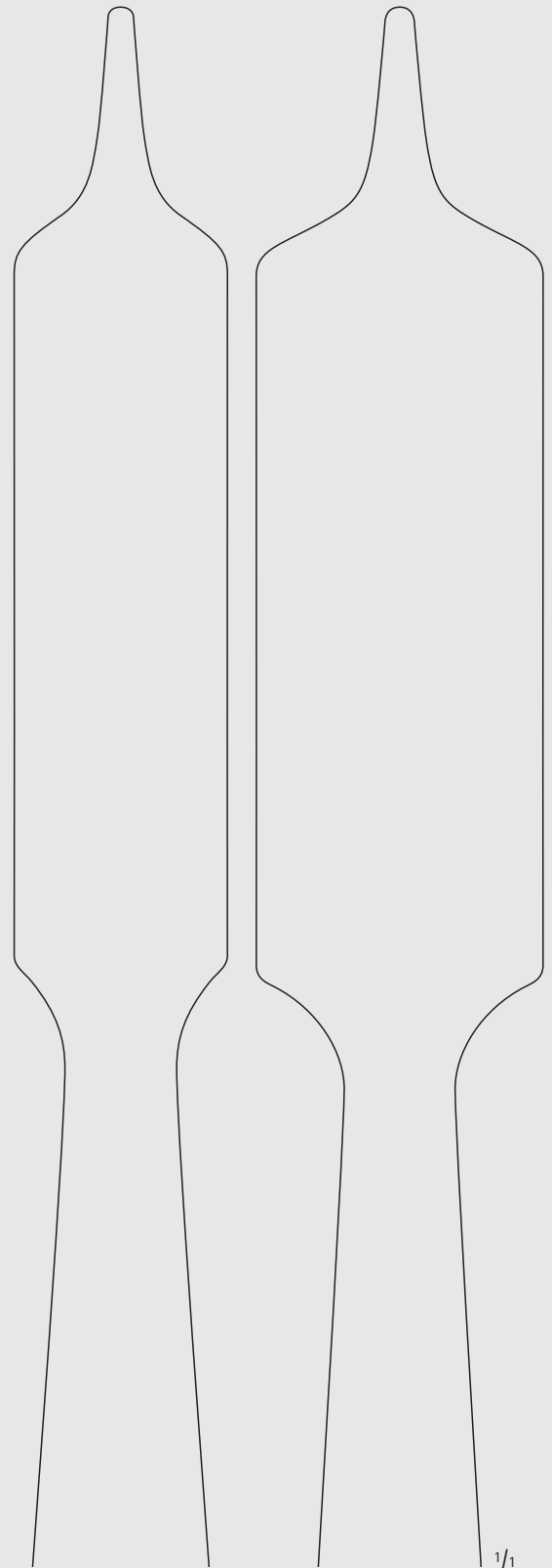
MIOS Retraktoren MIOS Retractors

45°



FK243R-FK245R

scharfe Spitze
sharp tip
300 mm, 12"



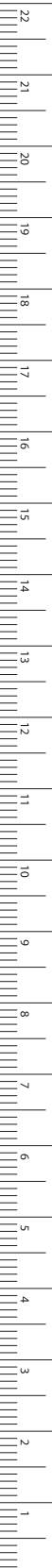
FK243R

28 mm

FK245R

40 mm

EK



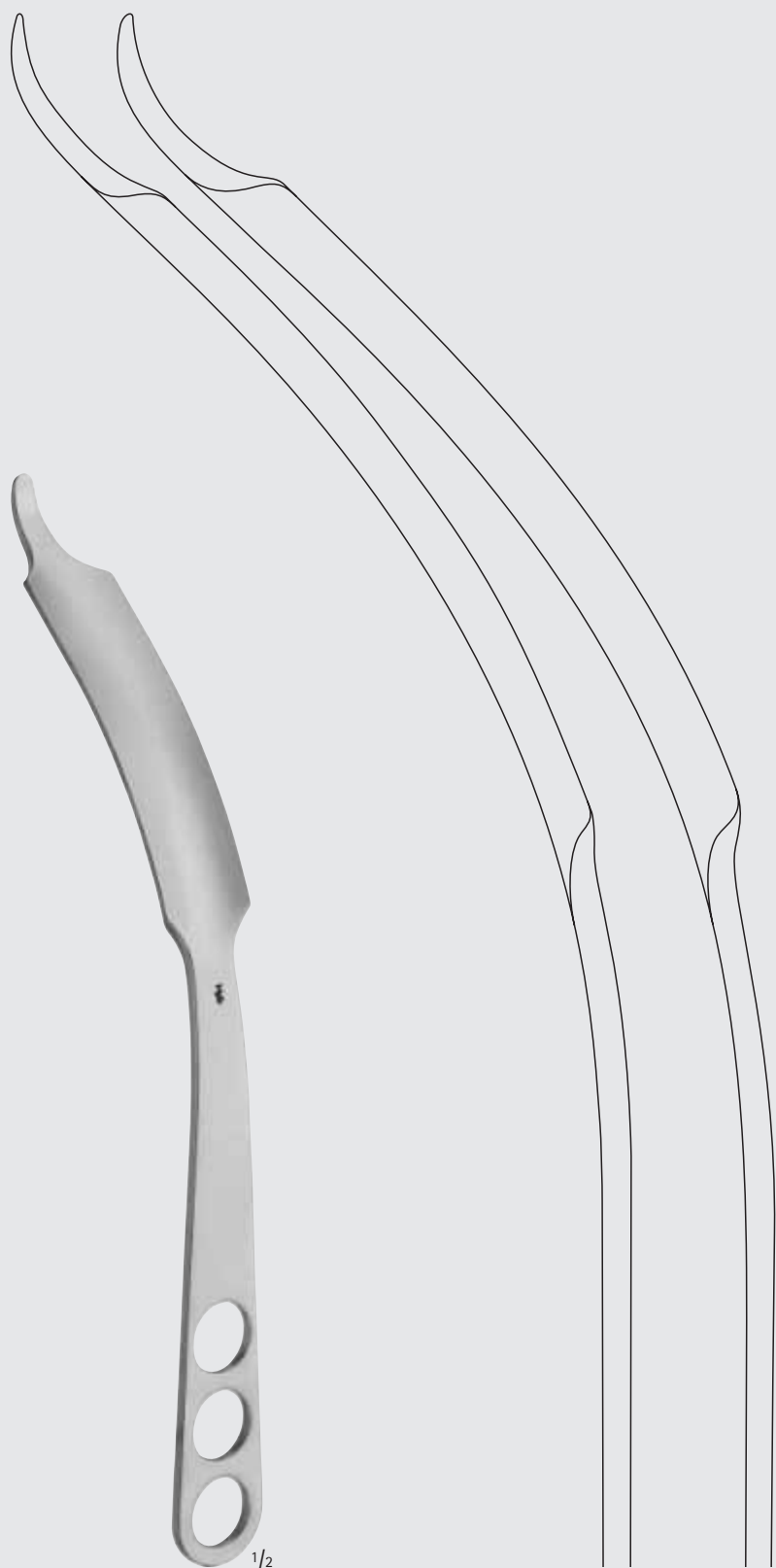
MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

45°



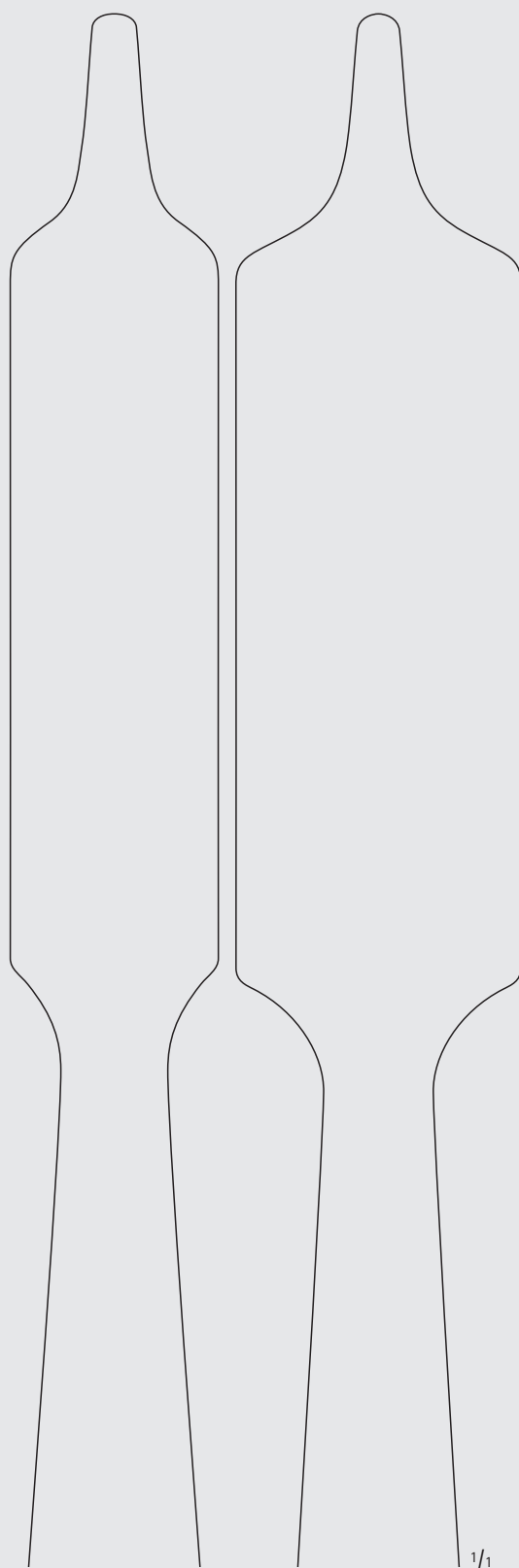
1/2

FK244R-FK246R

stumpfe Spitze

blunt tip

300 mm, 12"



FK244R

28 mm

FK246R

40 mm

1/1



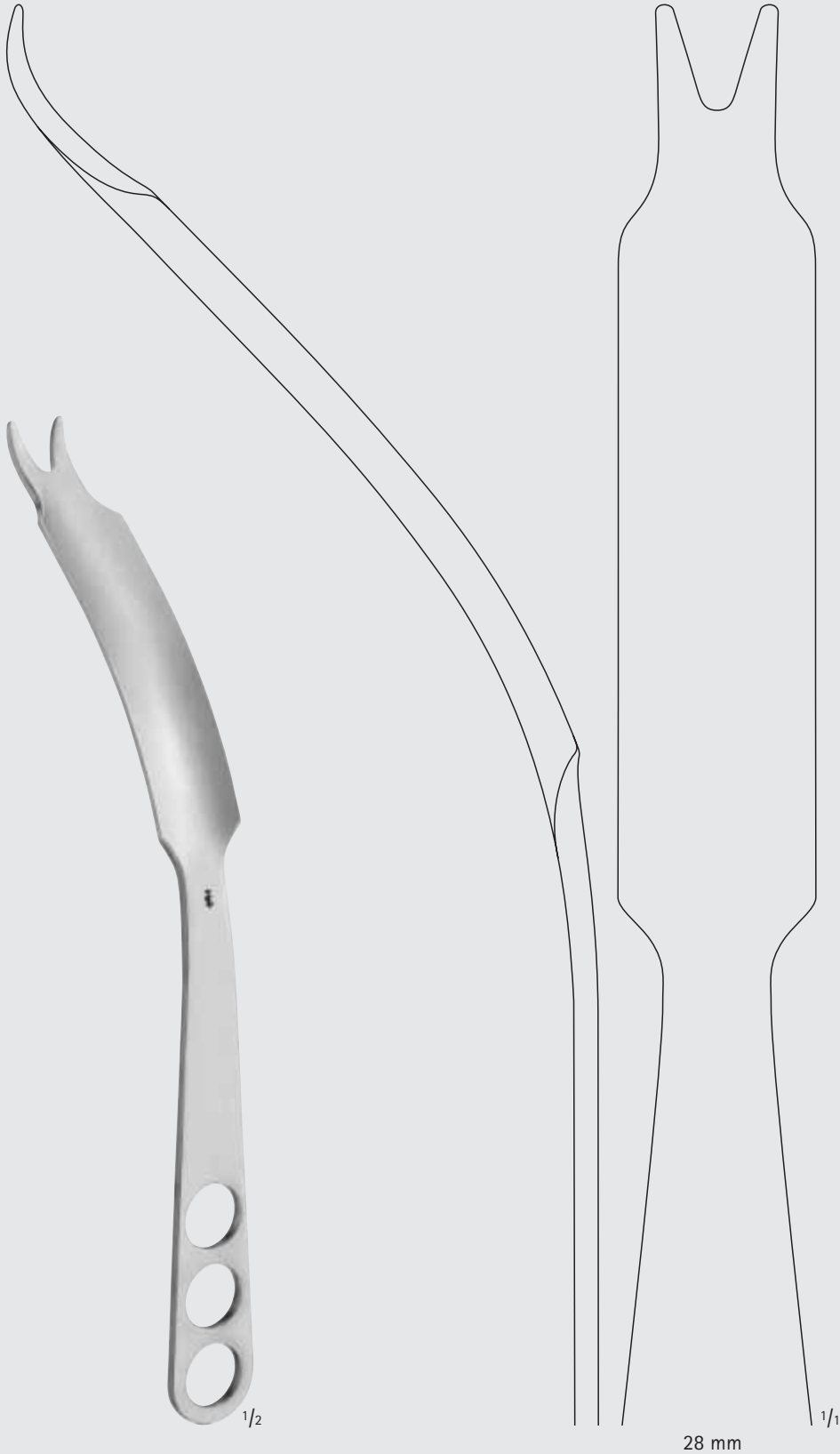
Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

EK

45°



FK222R

V-Spitze

V-tip

300 mm, 12"



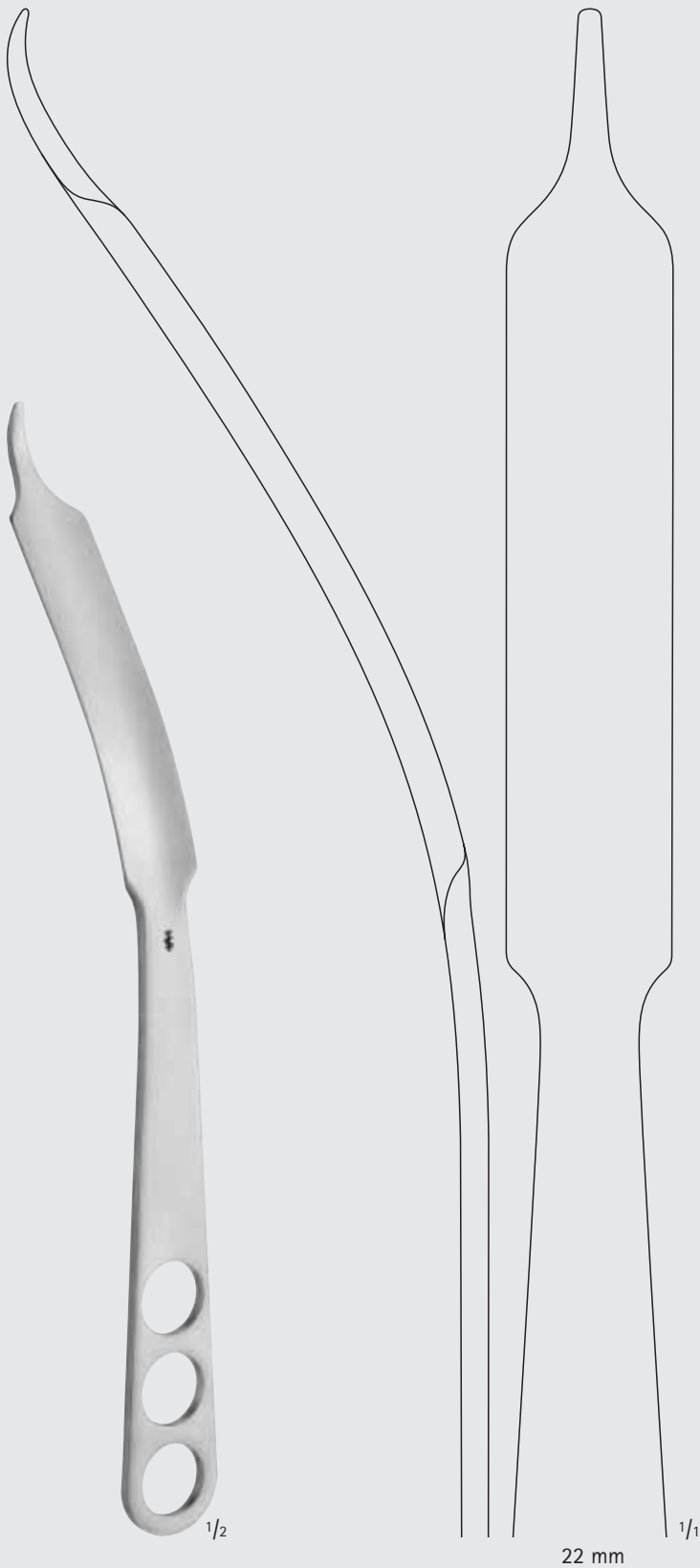
MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

30°



FK241R

scharfe Spitze

sharp tip

315 mm, 12 1/2"

22 mm

1/1

1/2



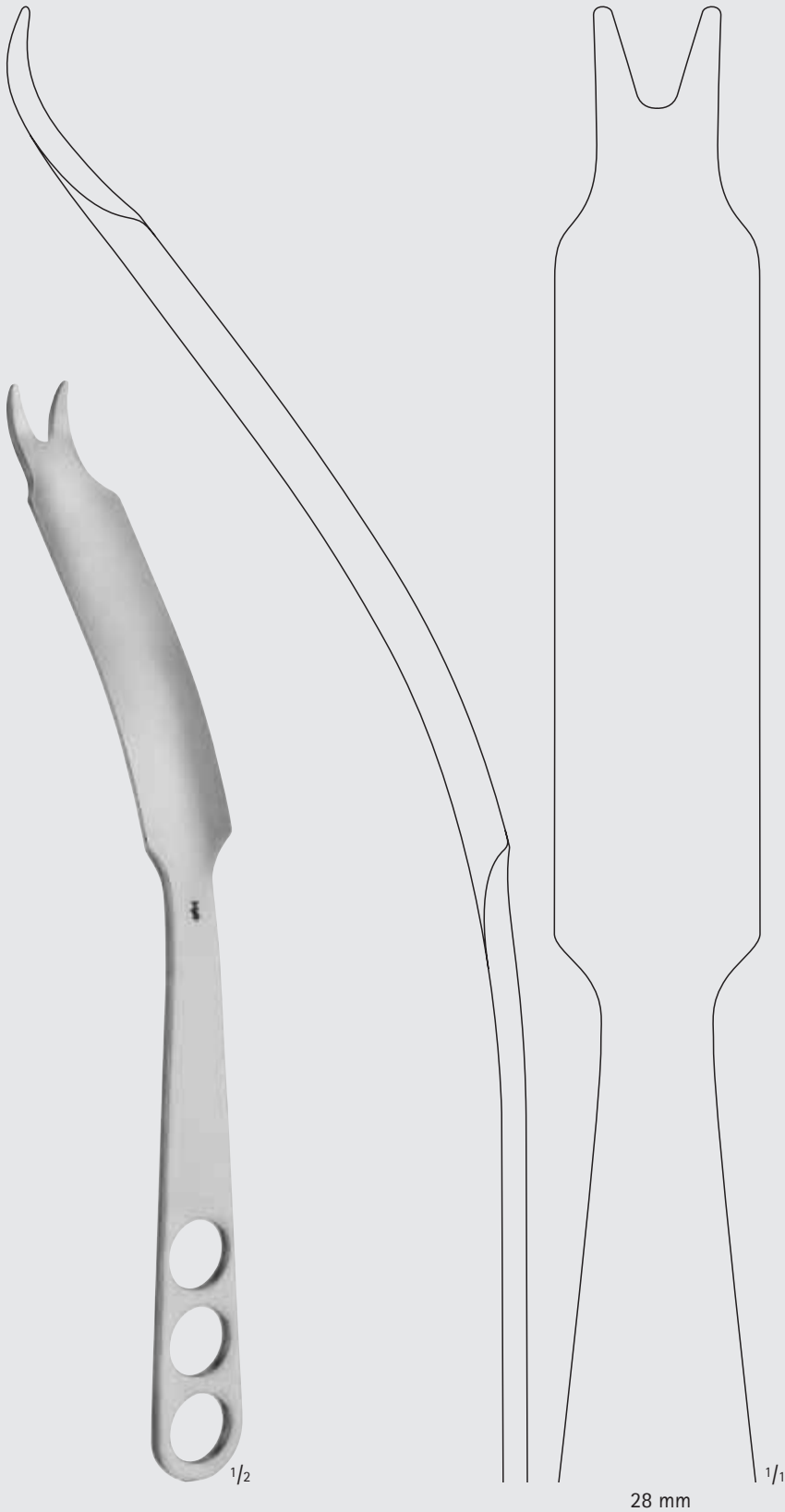
Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

EK

30°



FK221R

V-Spitze

V-tip

315 mm, 12 1/2"



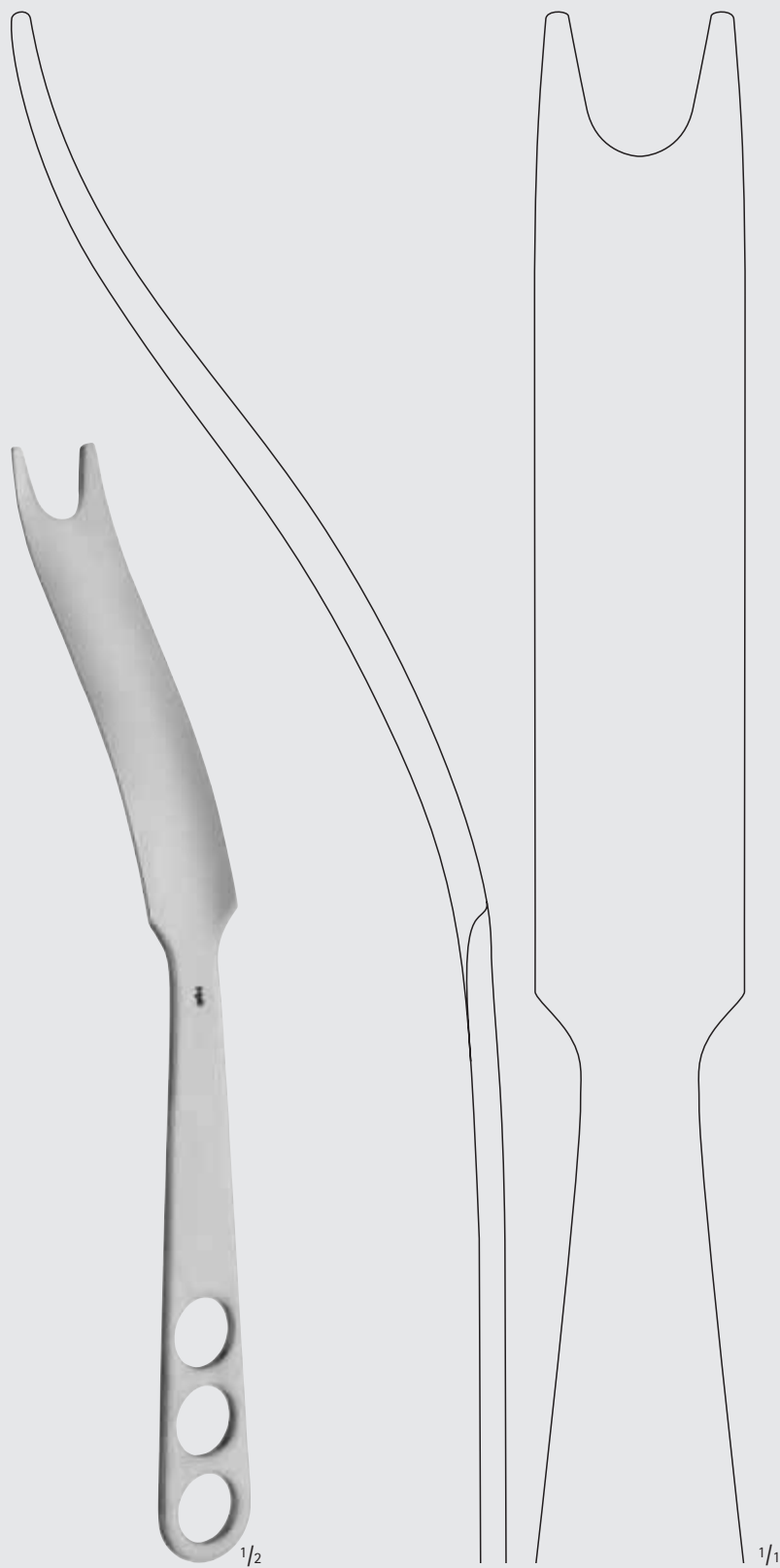
MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

30°



28 mm

FK231R

U-Spitze

U-tip

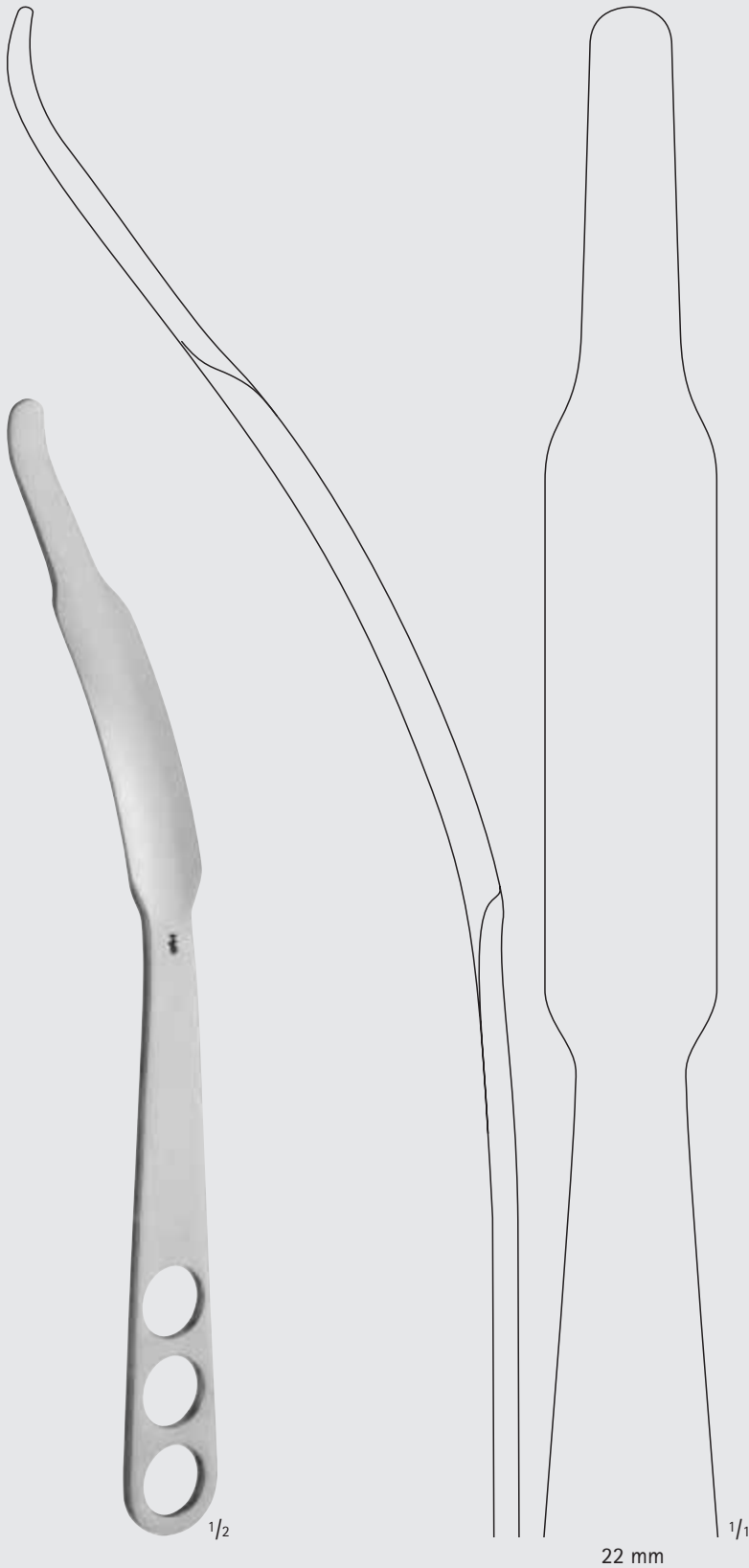
315 mm, 12 1/2"

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

30°



FK238R

Schenkelhals-Spitze

femoral neck tip

315 mm, 12 1/2"



Farbige MIOS Standardgriffe

Die farbigen Griffe können zur intraoperativen Zuordnung der MIOS Instrumente verwendet werden.

Colored MIOS standard hand grips

The colored hand grips can be used for the intra-operative allocation of the MIOS instruments.



1/2

FK251

MIOS Standardgriff

MIOS standard hand grip



1/2

FK252

MIOS Standardgriff

MIOS standard hand grip



1/2

FK253

MIOS Standardgriff

MIOS standard hand grip



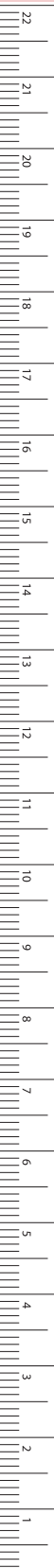
1/2

FK254

MIOS Standardgriff

MIOS standard hand grip

EK



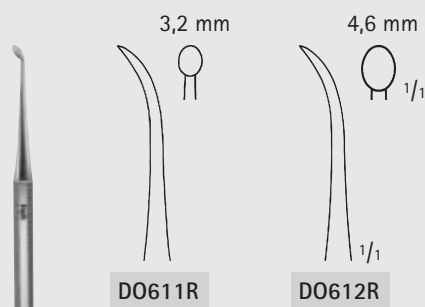
MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

FK

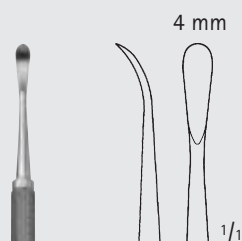


1/2

PARTSCH

DO611R-DO612R

150 mm, 6"

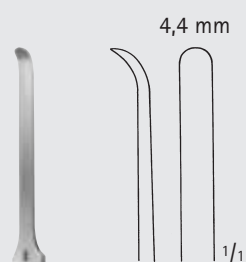


1/2

PARTSCH MOD. LANGE

D0642R

145 mm, 5 3/4"

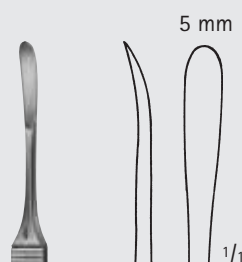


1/2

MC KENTY

OL192R

115 mm, 6"



1/2

KÖNIG

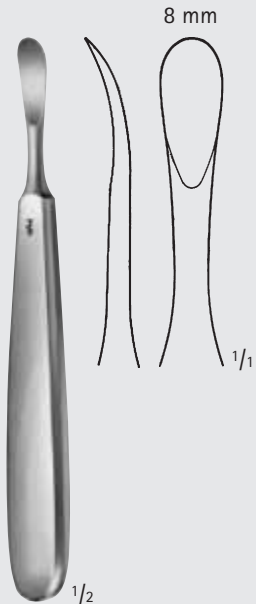
OM309R

155 mm, 6"

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

EK



TRELAT

OM311R

150 mm, 6"

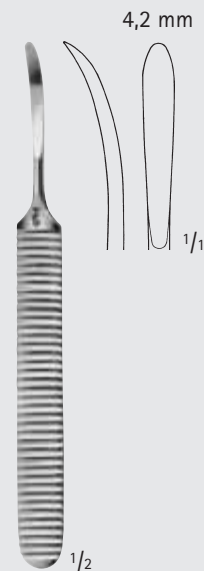


OM314R

OM315R

OM314R-OM315R

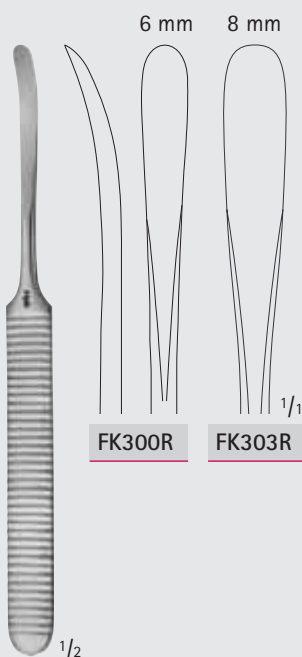
140 mm, 5 1/2"



WILLIGER

D0510R

140 mm, 5 1/2"



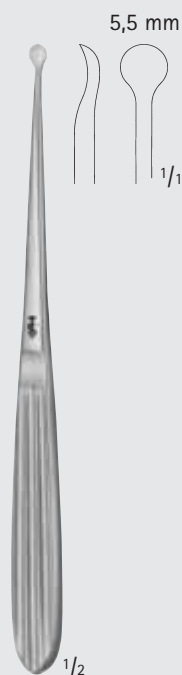
FK300R

FK303R

WILLIGER

FK300R-FK303R

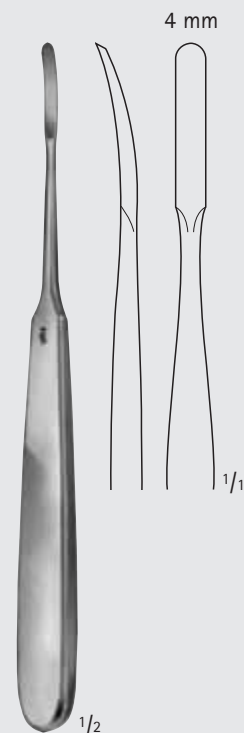
160 mm, 6 1/4"



WARD

D0546R

170 mm, 6 3/4"



JOSEPH

FK310R

180 mm, 7"

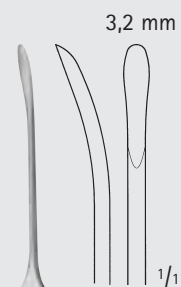


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

FK



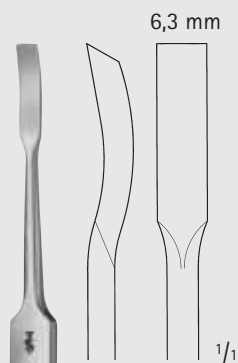
LEMPERT

OG165R

Raspatorium, stumpf

Raspatory, blunt

1/2 165 mm, 6 1/2"



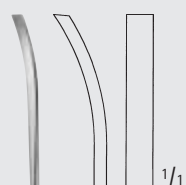
LEMPERT

OG164R

Raspatorium, halbscharf

Raspatory, semi-sharp

1/2 185 mm, 7 1/4"



ALLEN

FF346R

Osteophytenmeißel und Schaber

Osteophyte chisel and scraper

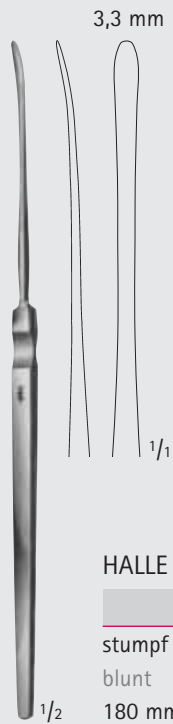
230 mm, 9"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

EK



HALLE

OL160R

stumpf

blunt

180 mm, 7"



FREER

OL163R

stumpf

blunt

190 mm, 7 1/2"



FREER

OL162R

scharf

sharp

190 mm, 7 1/2"



SEWALL

OL198R

stumpf

blunt

200 mm, 8"

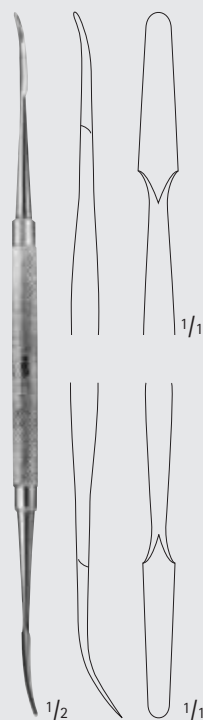


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

FK



KILLIAN

OL170R

scharf/stumpf

sharp/blunt

185 mm, 7 1/4"



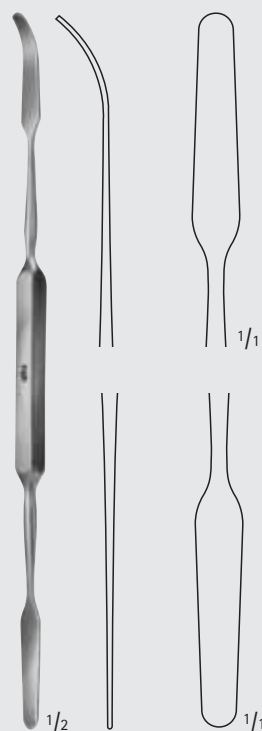
HOWARTH

OL171R

scharf/stumpf

sharp/blunt

215 mm, 8 1/2"



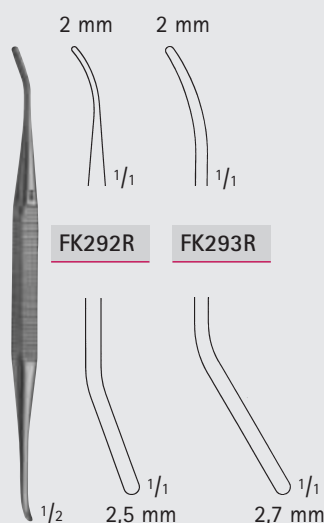
MAC DONALD

FK291R

stumpf/stumpf

blunt/blunt

190 mm, 7 1/2"



WATSON-CHEYNE

FK292R 130 mm 5 1/8"

FK293R 190 mm 7 1/2"



FREER

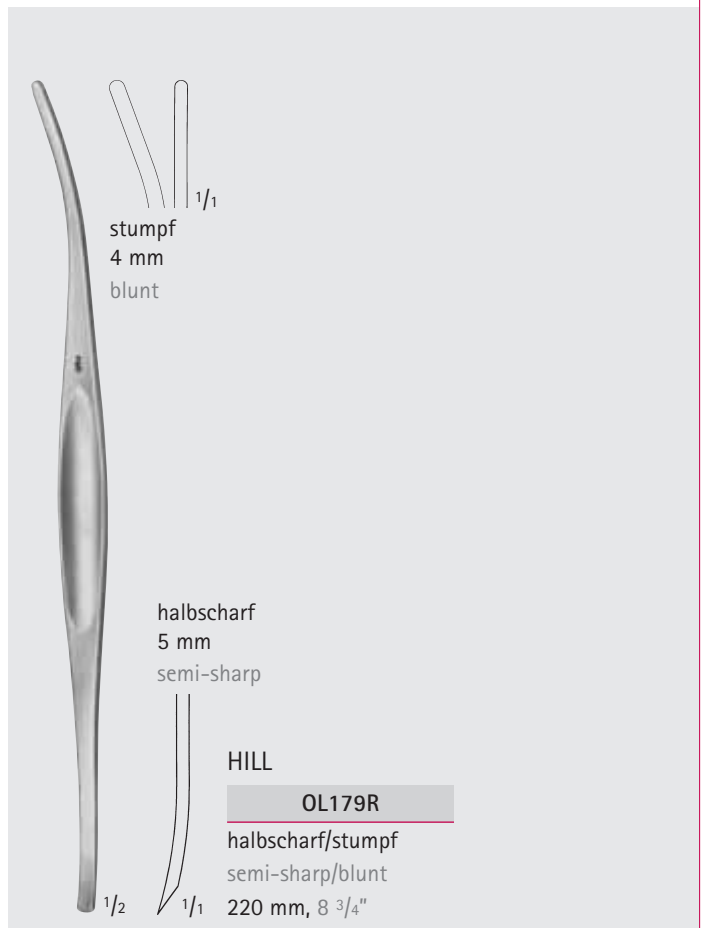
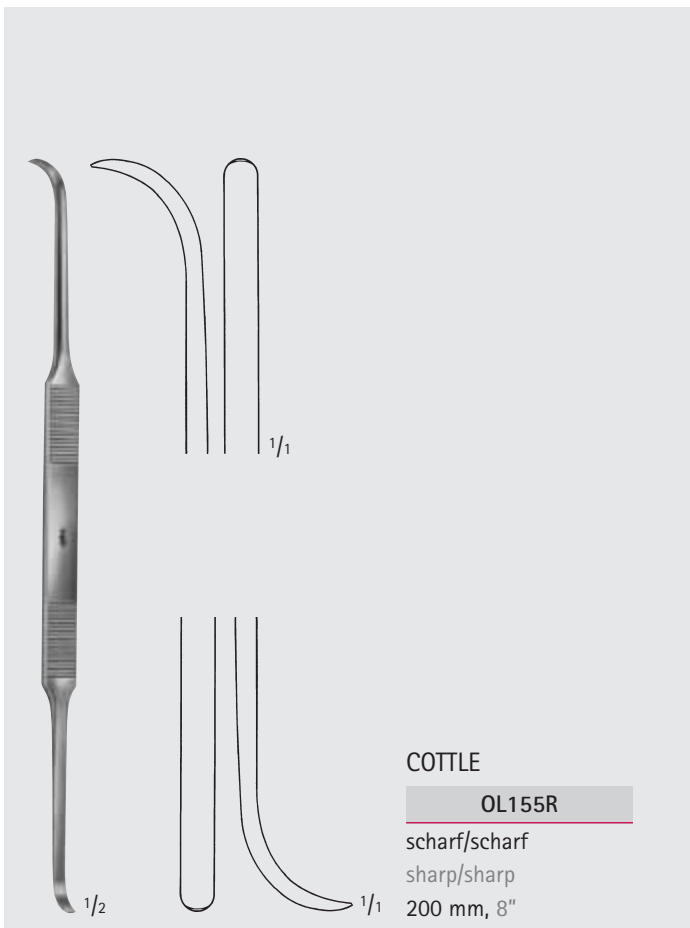
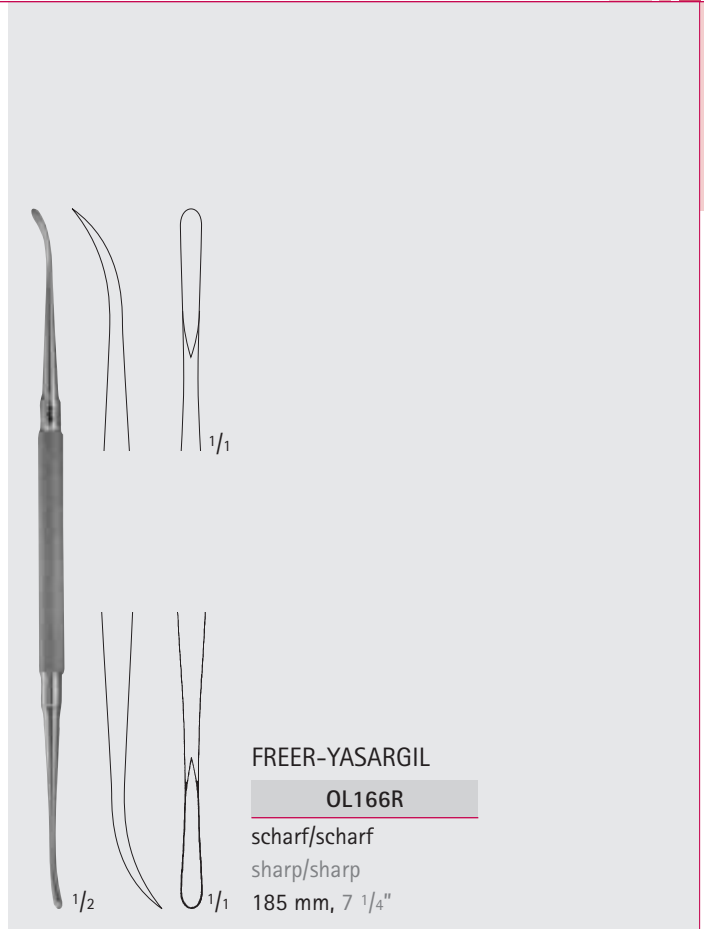
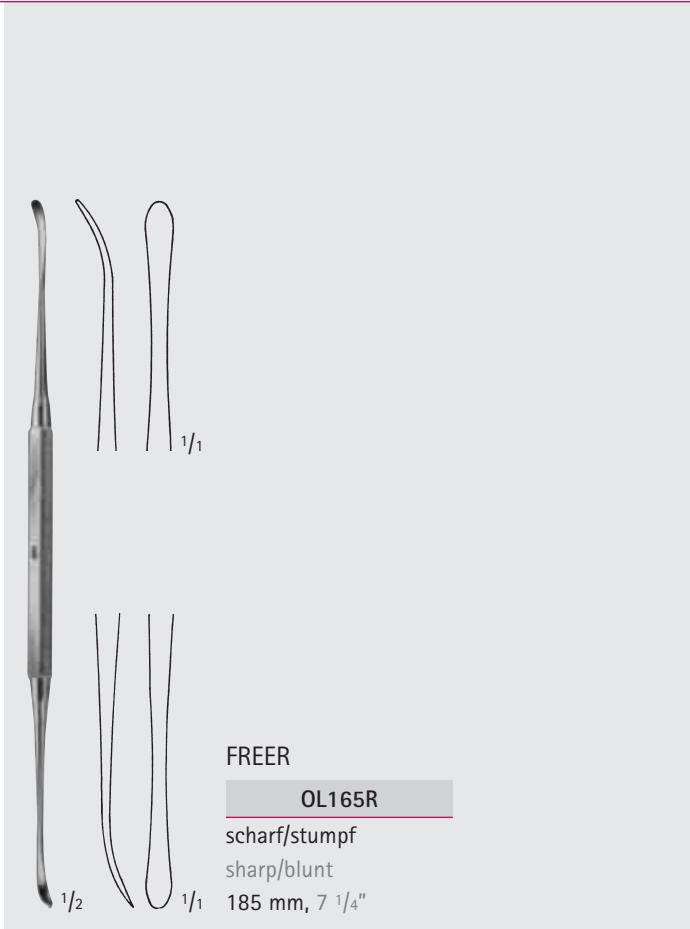
OL164R

180 mm, 7"

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

EK



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

FK



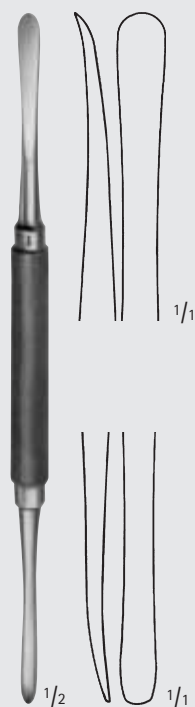
MEAD

D0520R

scharf/scharf

sharp/sharp

165 mm, 6 1/4"



MOLT

D0543R

scharf/scharf

sharp/sharp

180 mm, 7"



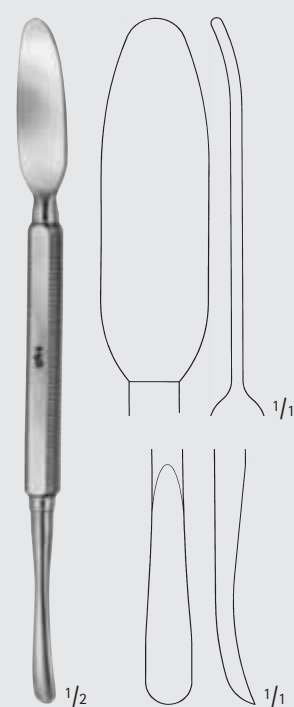
SYME

D0547R

scharf

sharp

185 mm, 7 1/4"



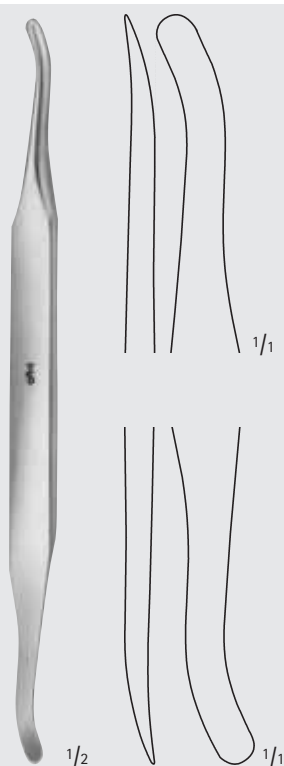
ROBERTS

D0548R

stumpf

blunt

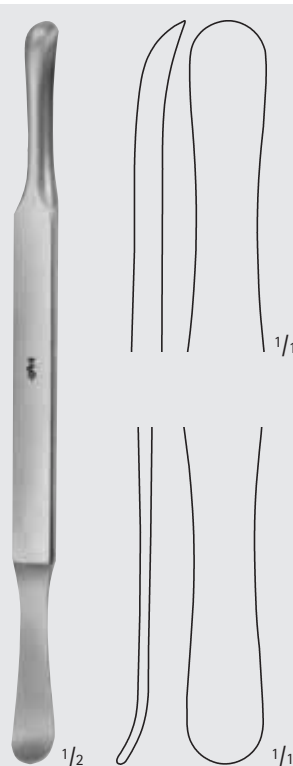
185 mm, 7 1/4"



SELDIN

D0552R

195 mm, 7 3/4"



SELDIN

D0553R

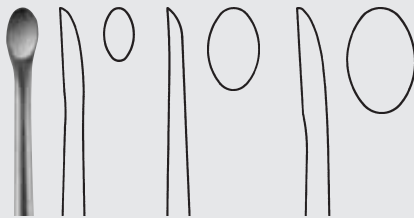
195 mm, 7 3/4"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

EK



FK530R

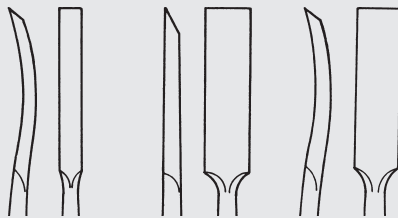
4 mm

FK532R

7 mm

FK534R

9 mm



FK541R

3 mm

FK542R

6 mm

FK543R

6 mm



FK552R

8 mm



FK562R

6 mm

90°



1/2

MANNERFELT, MODIF.

FK530R-FK562R

155 mm, 6"



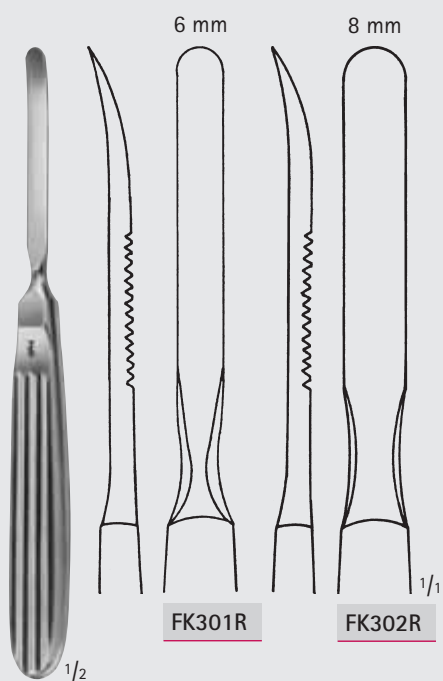
MILLIMETERS

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

FK

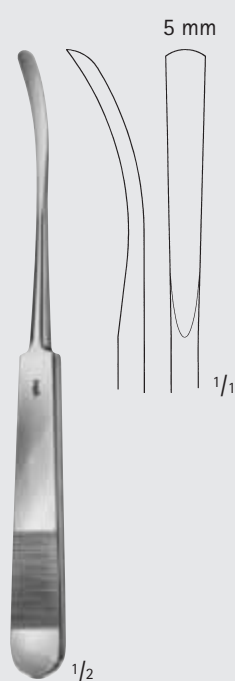


FK301R

FK302R

FK301R-FK302R

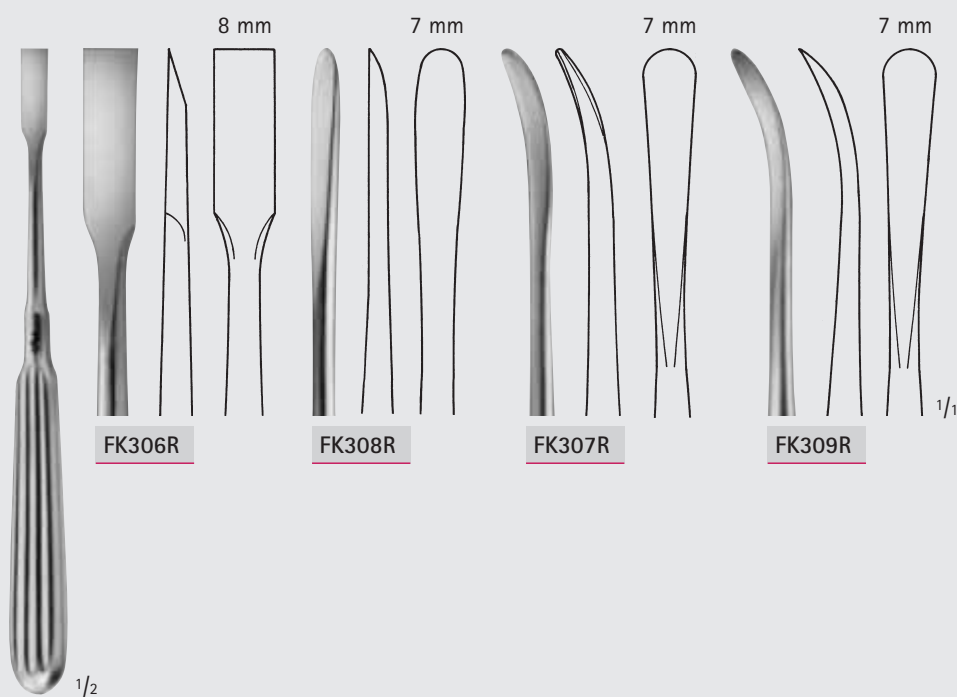
165 mm, 6 1/2"



ADSON

FK299R

165 mm, 6 1/2"



FK306R

FK308R

FK307R

FK309R

ADSON

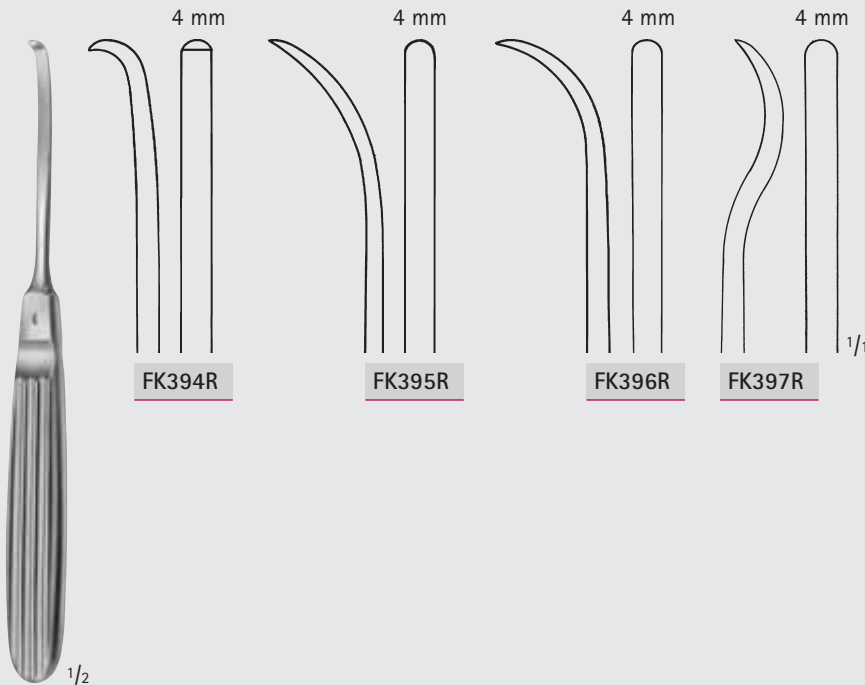
FK306R-FK309R

170 mm, 6 3/4"

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

EK



FK394R

FK395R

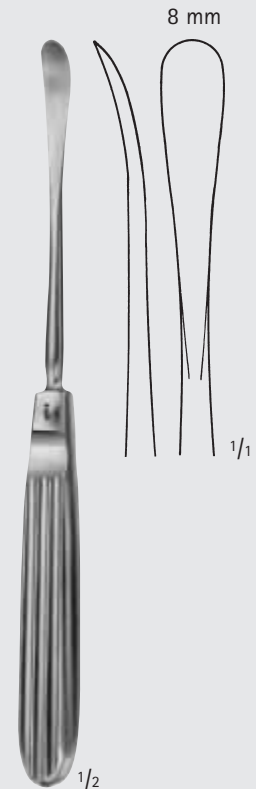
FK396R

FK397R

MÜHLING

FK394R-FK397R

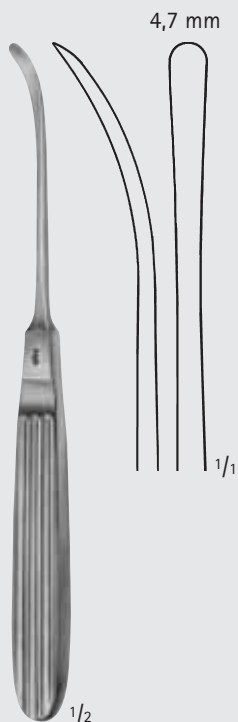
170 mm, 6 3/4"



COTTLE

OL157R

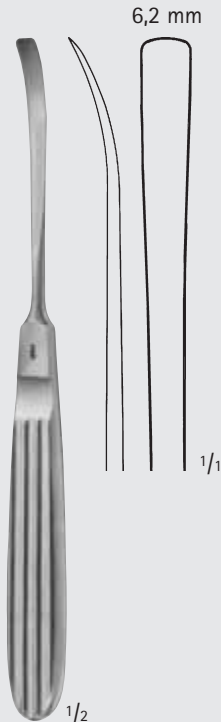
195 mm, 7 3/4"



LANDOLT

FK314R

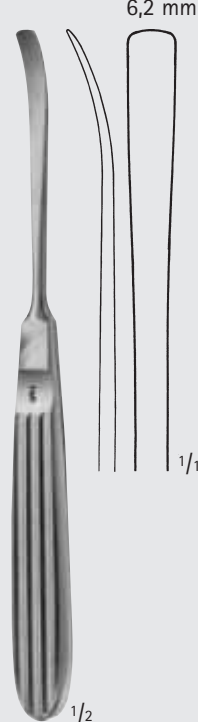
175 mm, 7"



CASPAR

FK328R

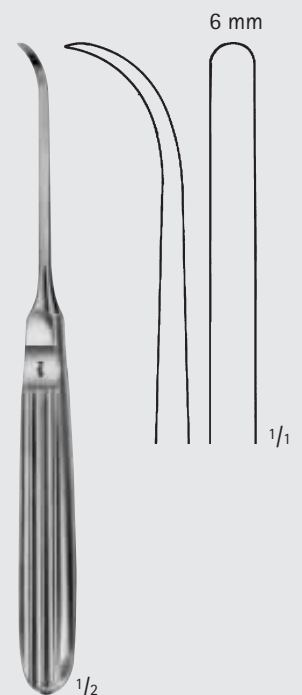
180 mm, 7"



CASPAR

FK329R

180 mm, 7"



D0523R

170 mm, 6 3/4"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien mit PEEK-Griff

Raspatories with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FK



FK318R

190 mm, 7 1/2"



FK317R

185 mm, 7 1/4"



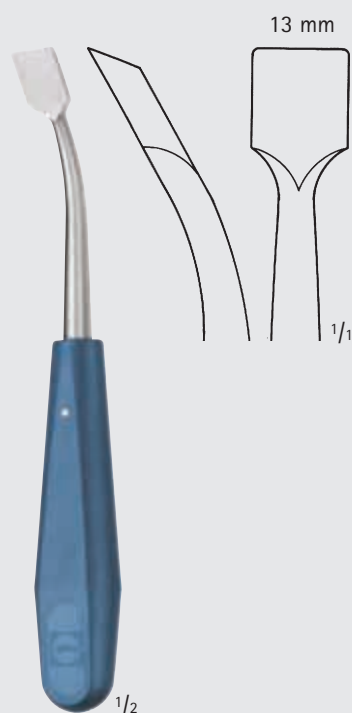
FK319R

190 mm, 7 1/2"



FK321R

190 mm, 7 1/2"



FK323R

175 mm, 7"



FK324R

190 mm, 7 1/2"



FK325R

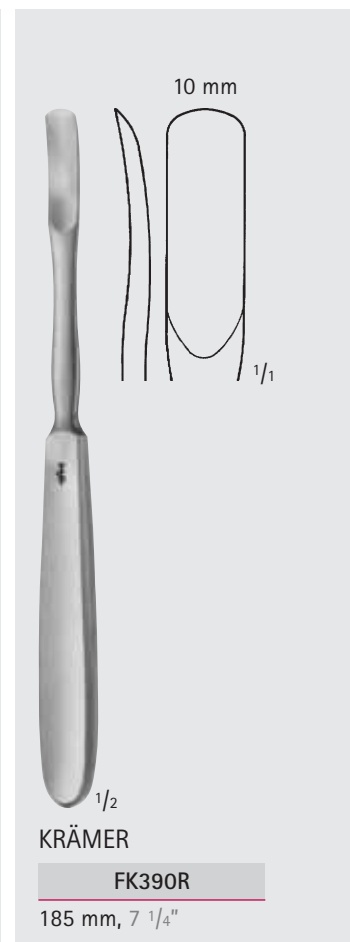
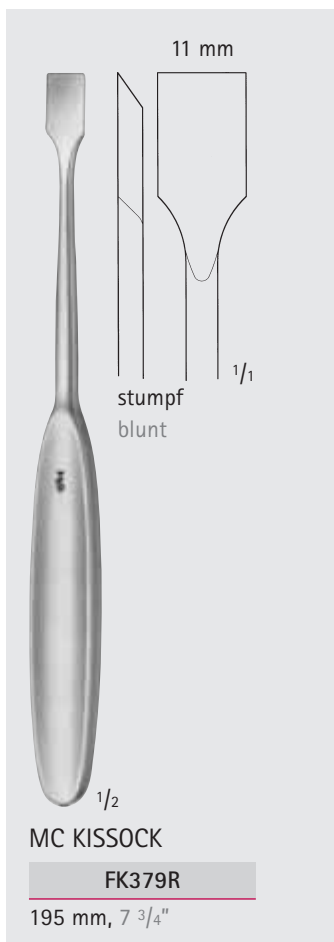
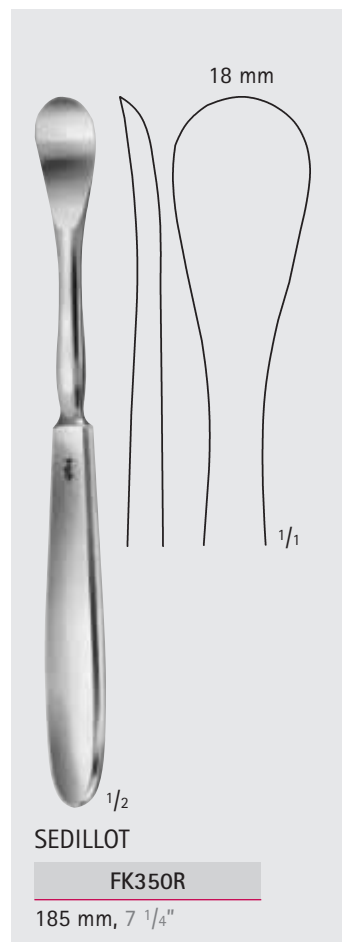
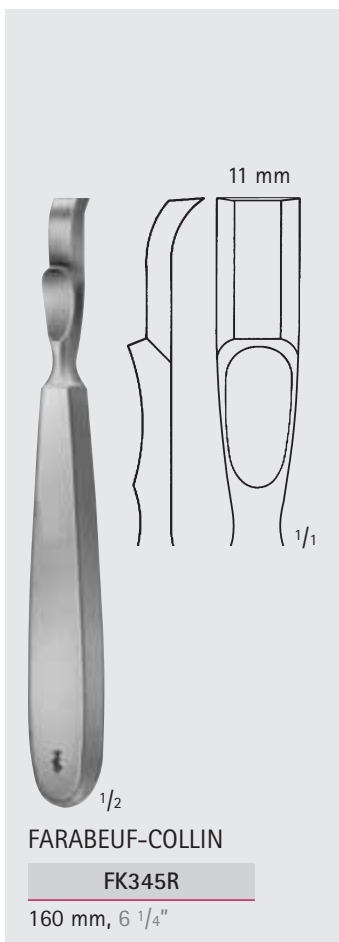
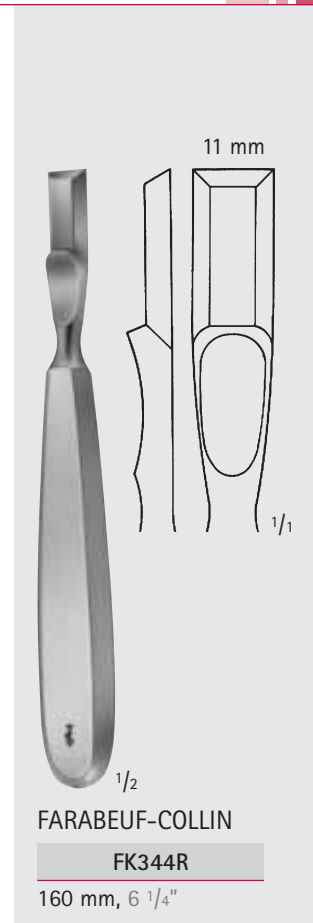
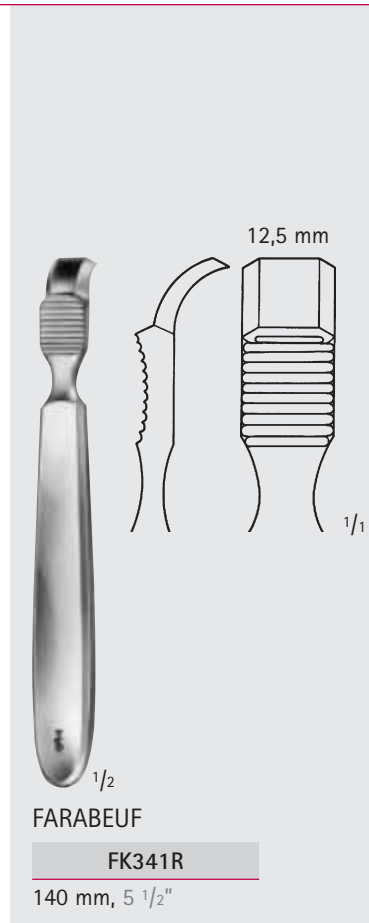
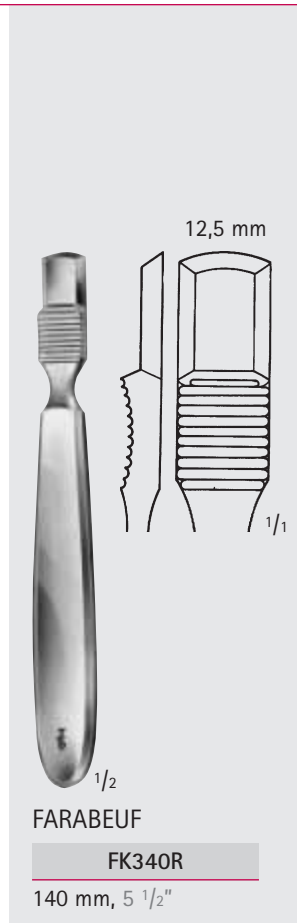
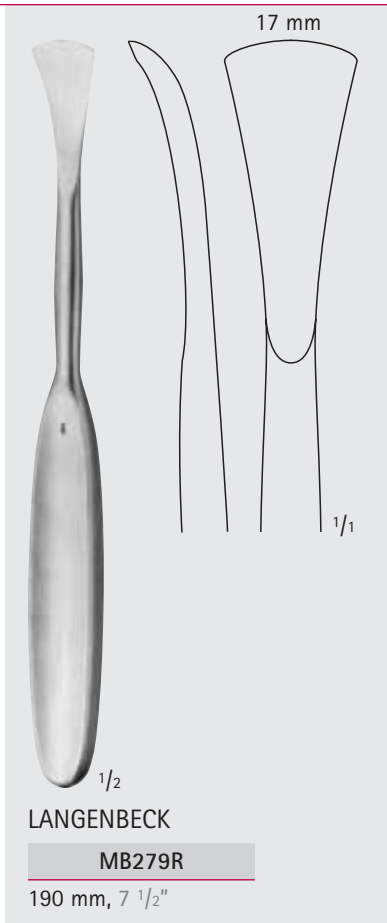
180 mm, 7"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

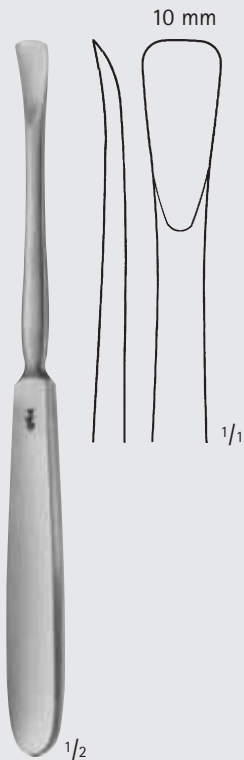
EK



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

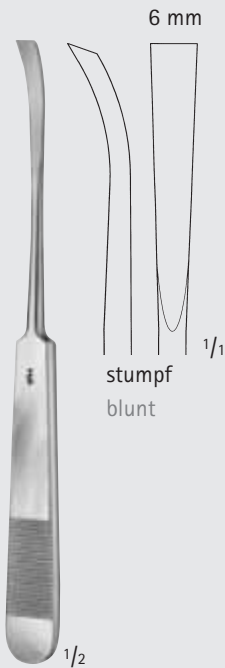
FK



KRÄMER

FK391R

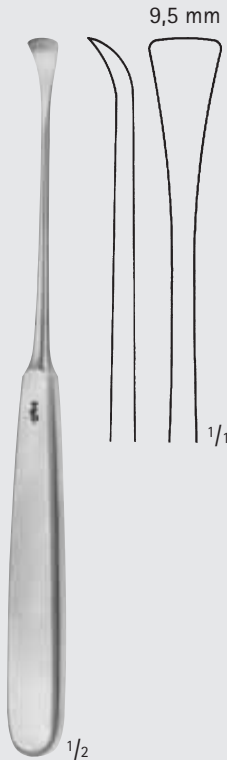
190 mm, 7 1/2"



PENNYBAKER

FK378R

165 mm, 6 1/2"



BÜCHS

D0518R

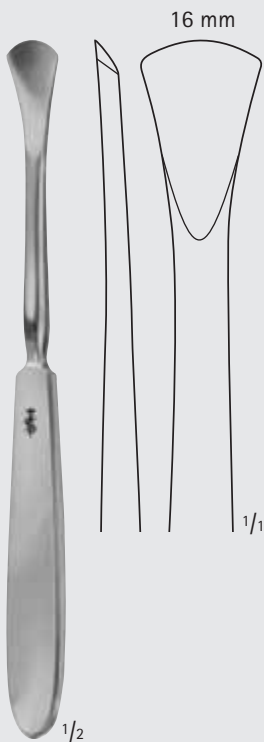
190 mm, 7 1/2"



JANSEN

FK362R

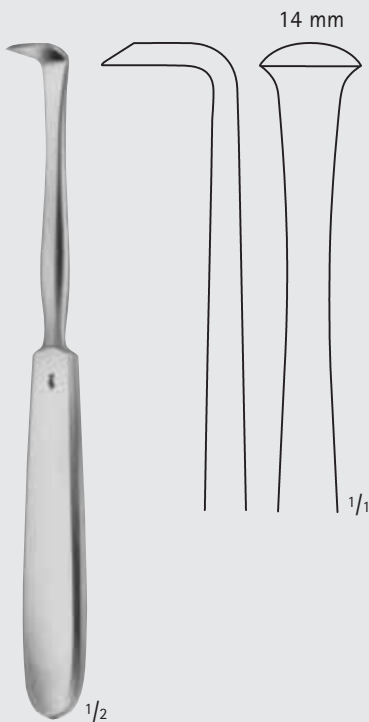
165 mm, 6 1/2"



LANGENBECK

FK360R

190 mm, 7 1/2"



LANGENBECK

FK361R

180 mm, 7"



KEY

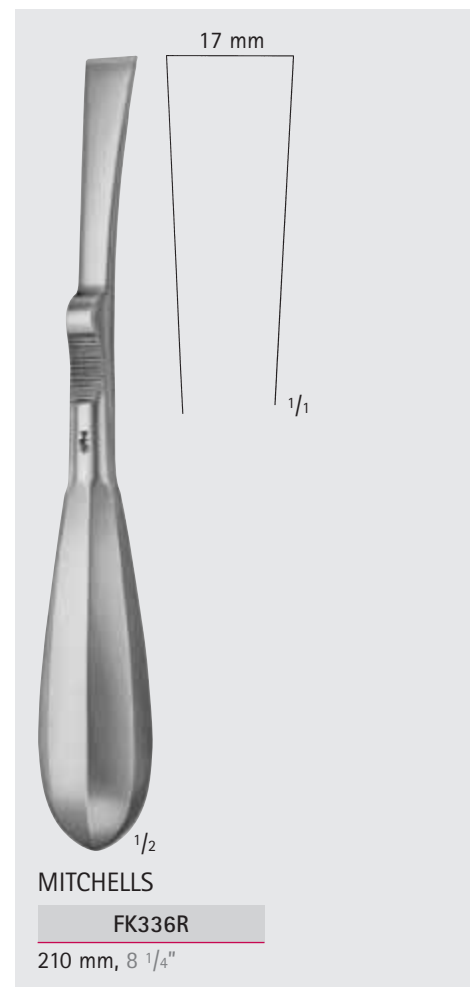
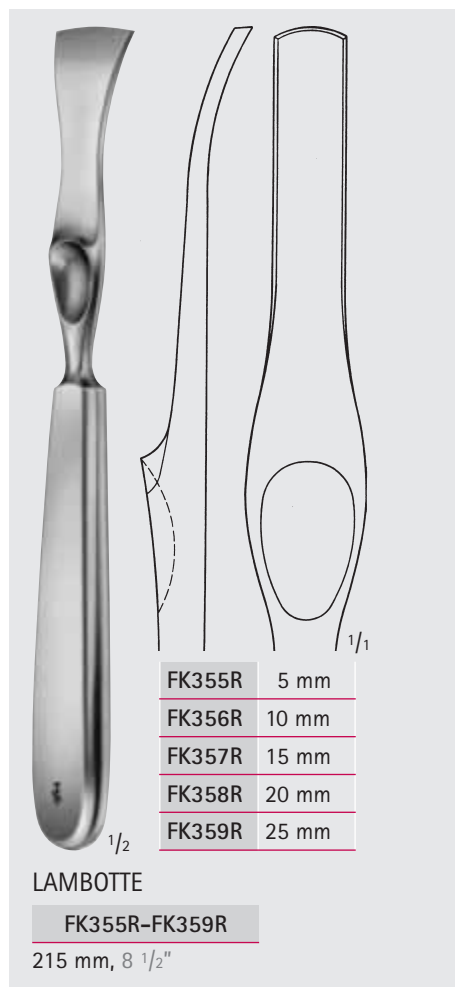
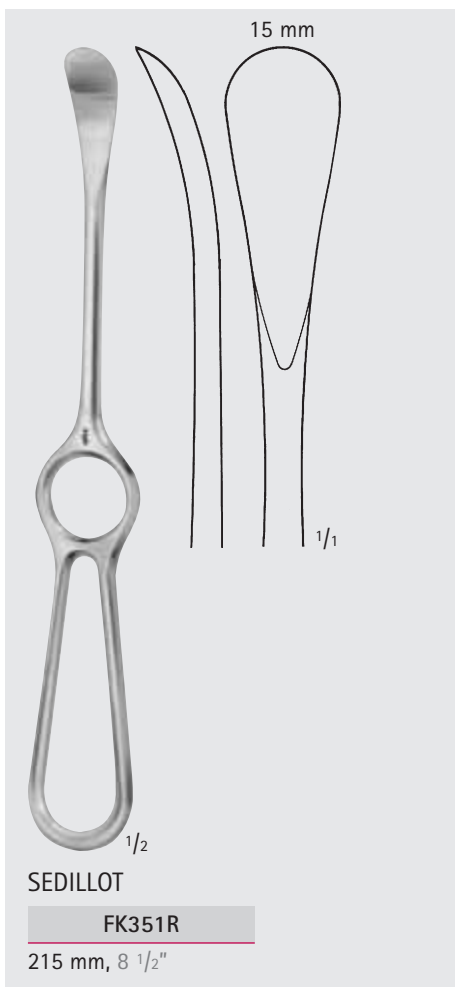
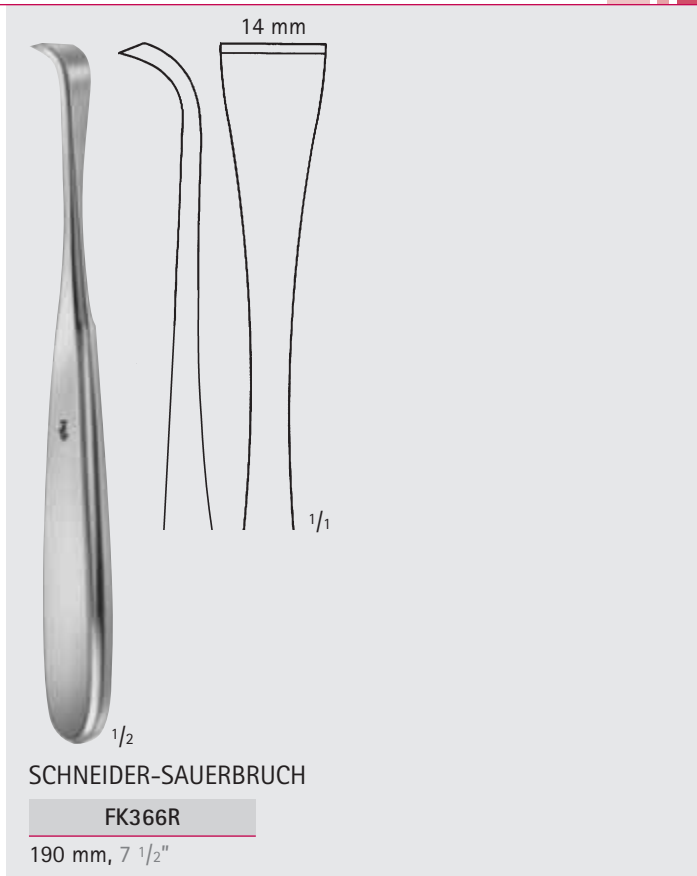
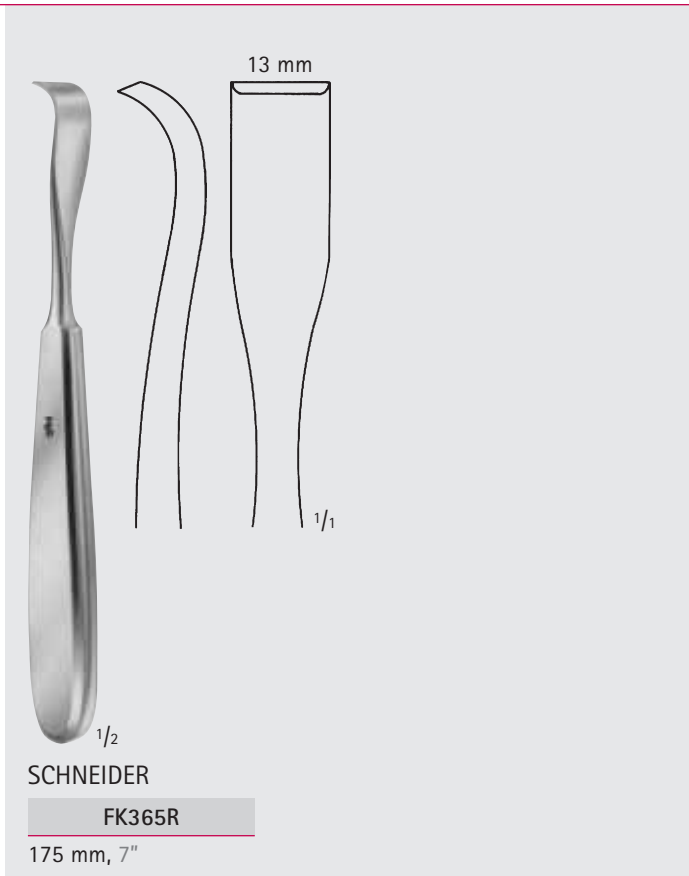
FK410R-FK414R

	Breite Width	Länge Length	
FK410R	6 mm	180 mm	7"
FK411R	10 mm	190 mm	7 1/2"
FK412R	13 mm	190 mm	7 1/2"
FK413R	19 mm	200 mm	8"
FK414R	25 mm	210 mm	8 1/4"

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories

EK

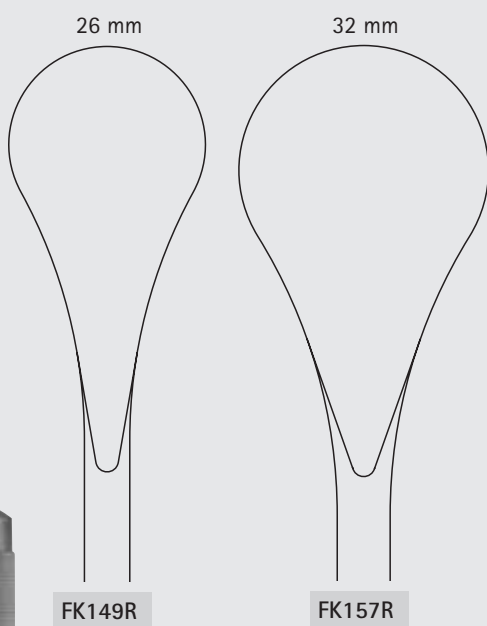
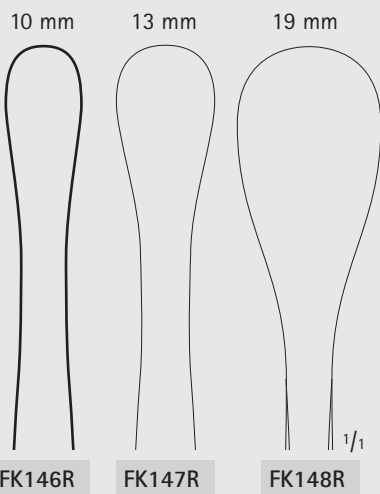


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

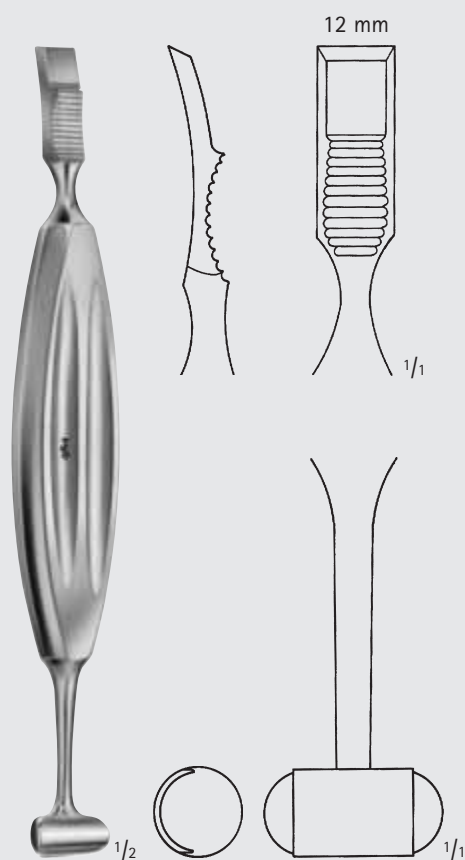
FK



COBB

FK146R-FK157R

280 mm, 11"



ALEXANDER

FK420R

210 mm, 8 1/4"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

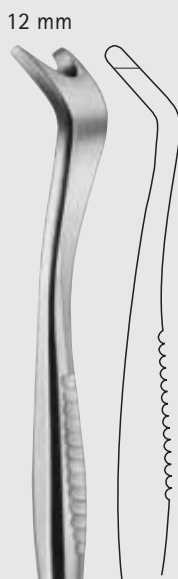
Raspatorien
Raspatories

EK



SEM

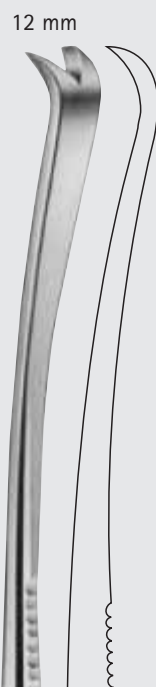
FK381R-FK387R



FK381R

190 mm

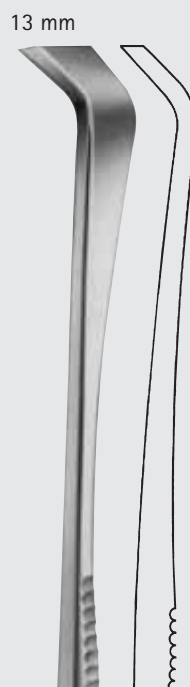
7 1/2"



FK382R

230 mm

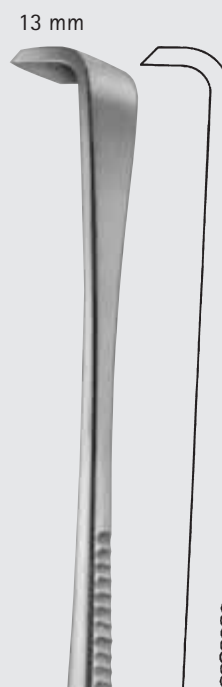
9"



FK383R

230 mm

9"



FK384R

230 mm

9"



FK387R

230 mm

9"

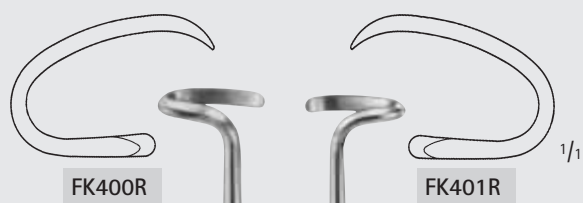


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

FK



FK400R

FK401R

1/1

DOYEN

FK400R-FK401R

für Kinder
for children

1/2 175 mm, 7"



FK402R

FK403R

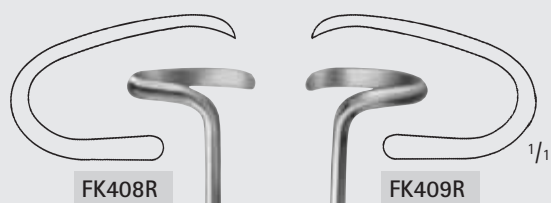
1/1

DOYEN

FK402R-FK403R

für Erwachsene
for adults

1/2 175 mm, 7"



FK408R

FK409R

1/1

DOYEN

FK408R-FK409R

1/2 240 mm, 9 1/2"





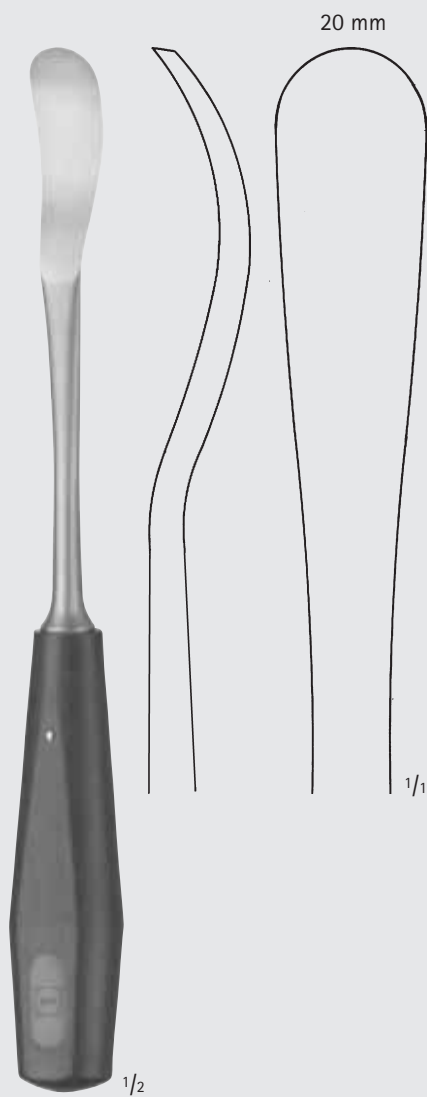
Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien mit PEEK-Griff
Raspatories with PEEK Handle

Dampfsterilisierbar bis 143°C

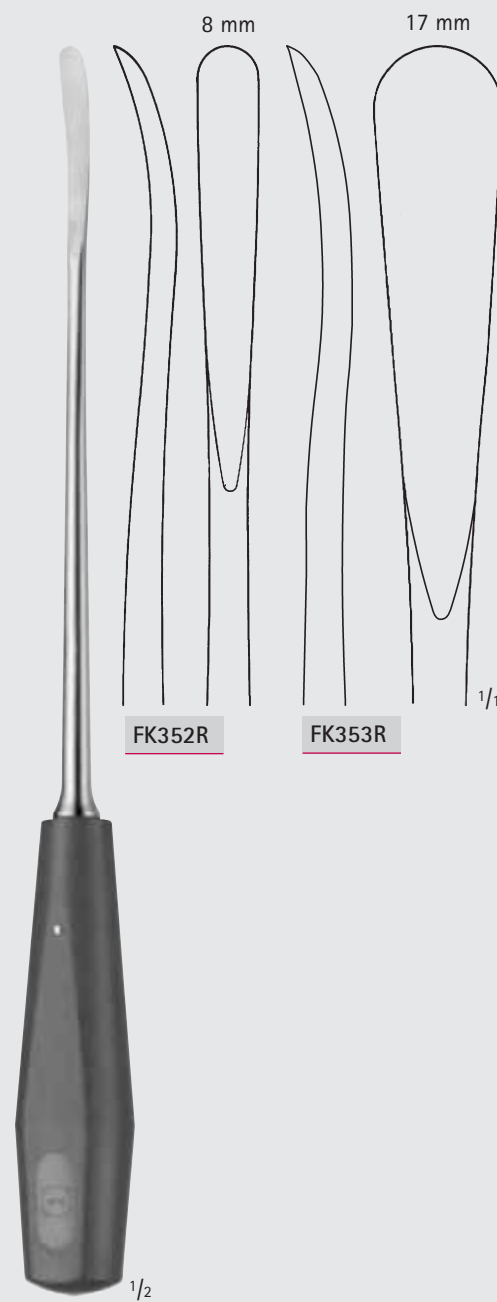
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

EK



FK348R

275 mm, 10 3/4"



FK352R

FK353R

WAGNER

FK352R-FK353R

330 mm, 13"



MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln

Bone Files and Rasps

7,5 mm

9 mm



OL401R

kariert, fein
fine, chequered

OL403R

kariert, grob
coarse, chequered

JOSEPH

OL401R-OL403R

165 mm, 6 1/2"

1/2

8 mm

8 mm



OL408R

feine Zahnung
fine teeth

OL409R

grobe Zahnung
coarse teeth

LEWIS

OL408R-OL409R

175 mm, 7"

1/2

9 mm



OL407R

auf Zug
down stroke

MALTZ

OL407R

180 mm, 7"

1/2

9 mm

9 mm



OL410R

auf Druck
up stroke

OL411R

auf Zug
down stroke

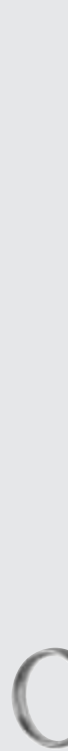
AUFRICHT

OL410R-OL411R

220 mm, 8 3/4"

1/2

6,5 mm



OL412R

GALLAHER

OL412R

190 mm, 7 1/2"

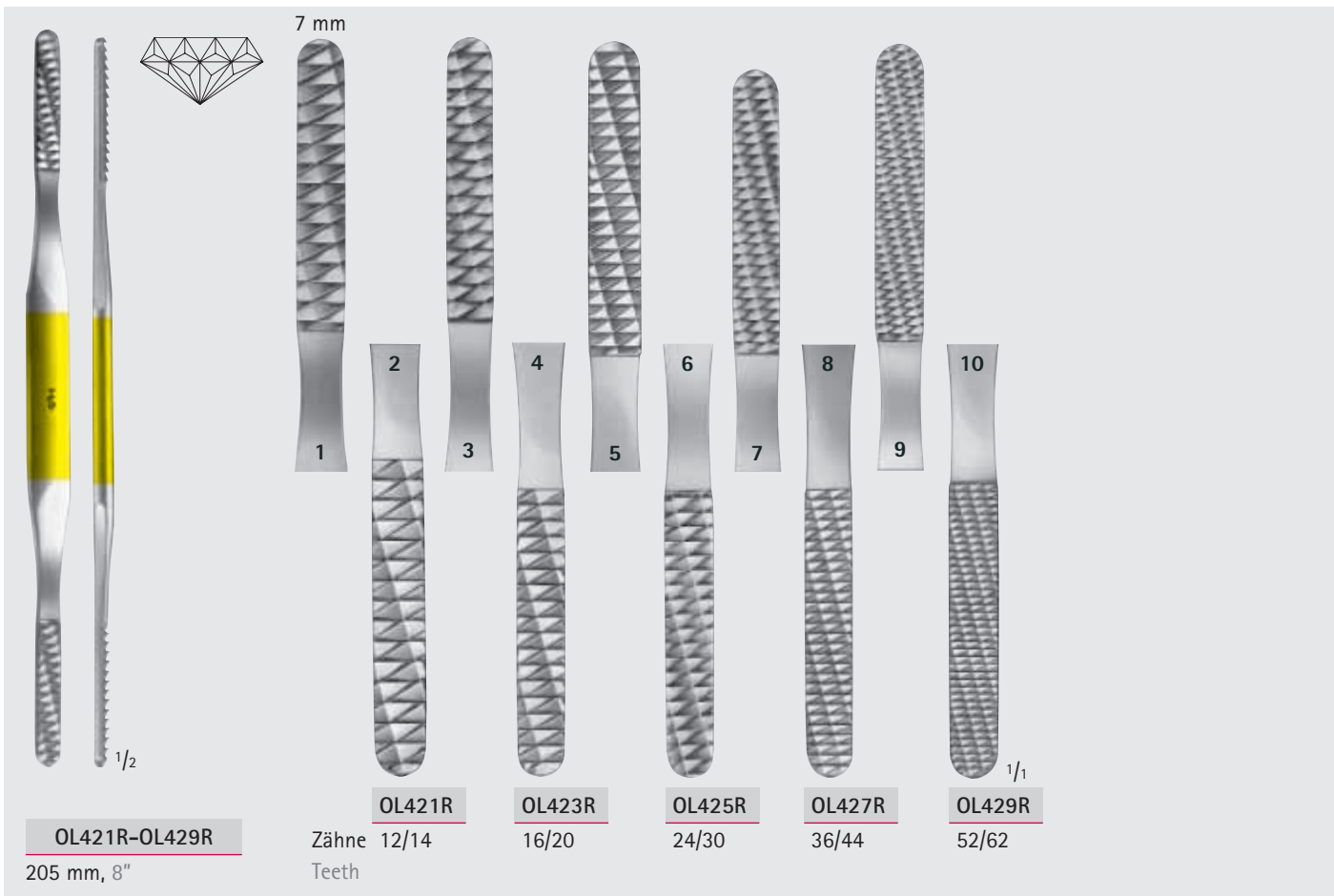
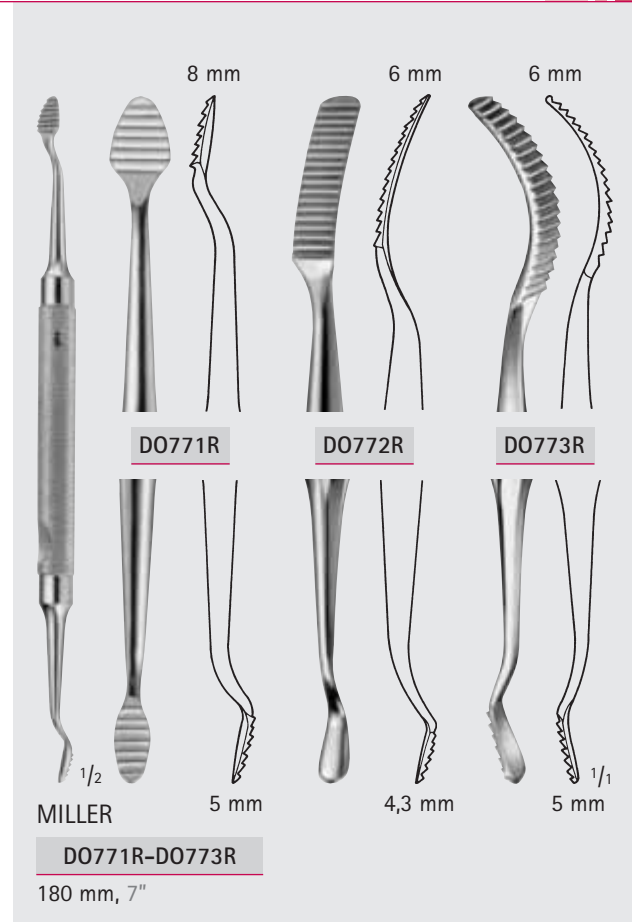
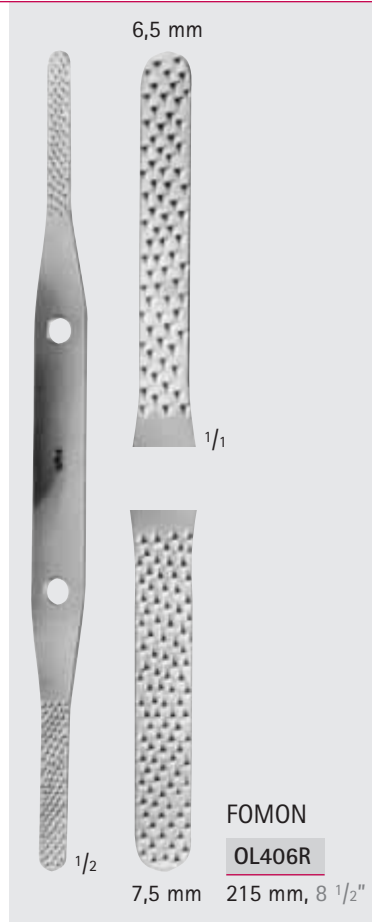
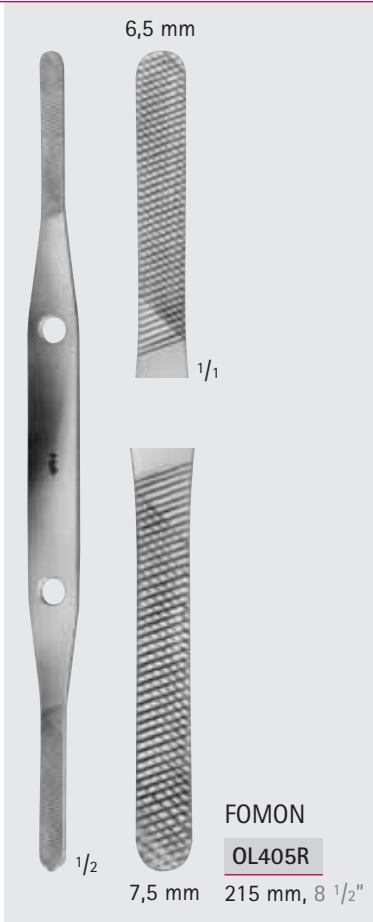
1/2

INCHES

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln, DUROGRIP® Raspeln

Bone Files and Rasps, DUROGRIP® Rasps



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln

Bone Files and Rasps

FK



20 mm



eine Seite Feilenhieb,
andere Seite Raspelhieb
one side file cut one
side rasp cut

1/2

FK507R

220 mm, 8 3/4"

20 mm

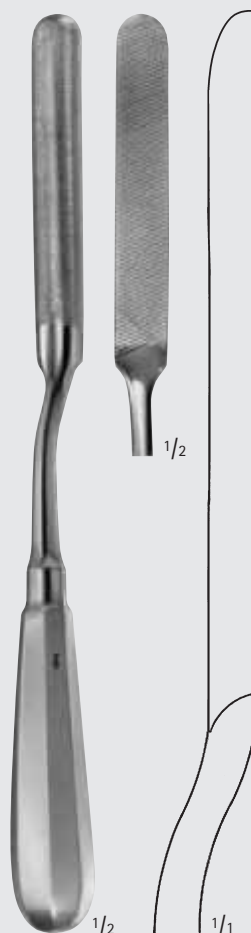


1/2

FK510R

295 mm, 11 3/4"

13 mm



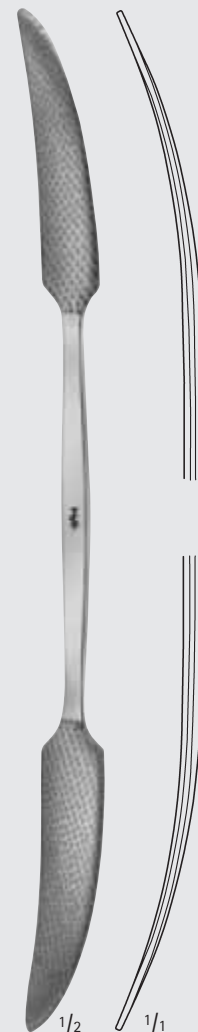
1/2

1/1

FK511R

240 mm, 9 1/2"

18 mm



1/2

1/1

20 mm

PUTTI

FK505R

270 mm, 10 3/4"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

EK



JACOBSON

FK813R

140 mm, 5 1/2"



MARTINI

FK800R

140 mm, 5 1/2"



MARTINI

FK801R

140 mm, 5 1/2"



WILLIGER

FK814R

145 mm, 5 3/4"



JANSEN

FK803R

160 mm, 6 1/4"



BARTH

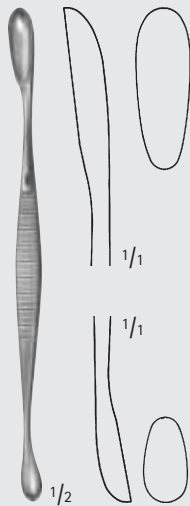
FK817R

180 mm, 7"



FK850R

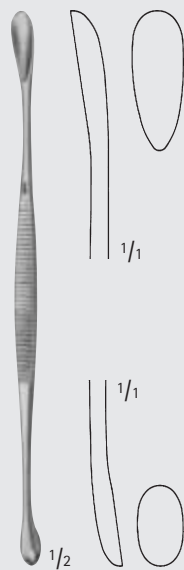
210 mm, 8 1/4"



VOLKMANN

FK840R

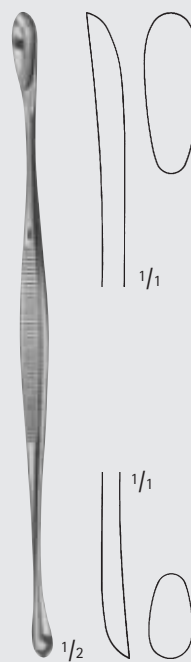
130 mm, 5 1/8"



VOLKMANN

FK841R

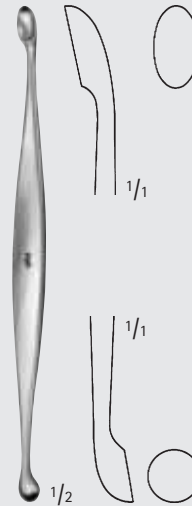
145 mm, 5 3/4"



VOLKMANN

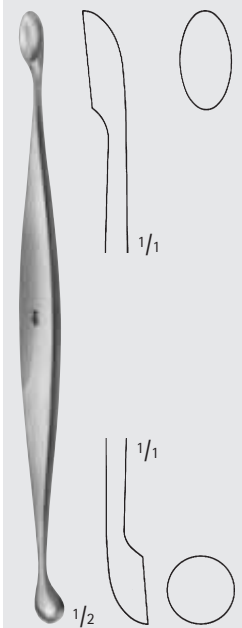
FK842R

170 mm, 6 3/4"



FK845R

130 mm, 5 1/8"



FK846R

160 mm, 6 1/4"

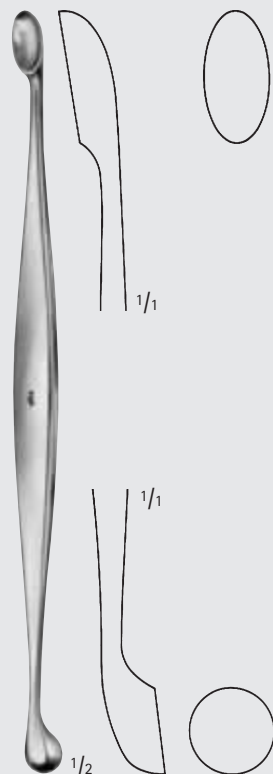


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

FK



FK848R

200 mm, 8"



DO650R

160 mm, 6 1/4"



JANSEN

DO651R

160 mm, 6 1/4"



HEMINGWAY

DO655R

170 mm, 6 3/4"



HEMINGWAY

DO656R

170 mm, 6 3/4"



HEMINGWAY

DO670R

Fig. 0
170 mm, 6 3/4"



HEMINGWAY

DO671R

Fig. 1
170 mm, 6 3/4"



HEMINGWAY

DO672R

Fig. 2
170 mm, 6 3/4"



HEMINGWAY

DO673R

Fig. 3
170 mm, 6 3/4"



HEMINGWAY

DO674R

Fig. 4
170 mm, 6 3/4"



LUCAS

DO608R

180 mm, 7"



LUCAS

DO609R

185 mm, 7 1/4"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

EK



DO630R

DO632R

1/2

KERPEL

DO630R-DO632R

145 mm, 5 3/4"



DO631R

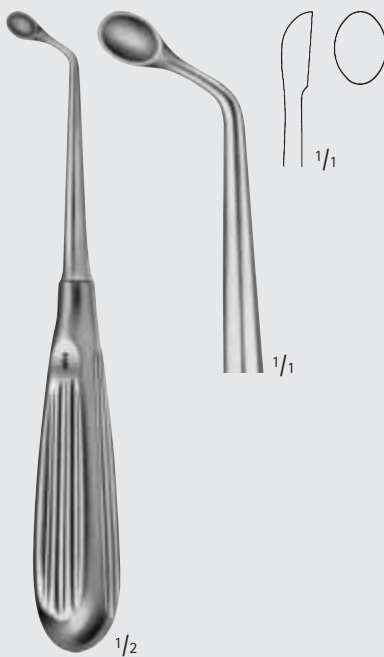
DO633R

1/2

KERPEL

DO631R-DO633R

145 mm, 5 3/4"

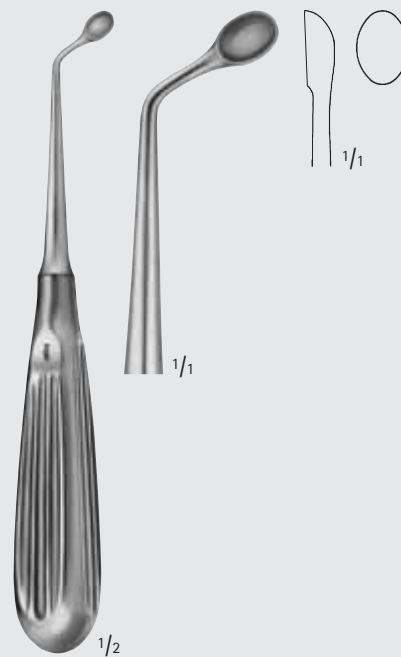


1/2

UFFENORDE

FK660R

170 mm, 6 3/4"



1/2

UFFENORDE

FK661R

170 mm, 6 3/4"



MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

FK

3 mm 4 mm 5 mm 6 mm



Fig. 000

FK611R



Fig. 00

FK612R



Fig. 0

FK613R



Fig. 1

FK614R

8 mm



Fig. 2

FK615R

10 mm



Fig. 3

FK616R

12 mm



Fig. 4

FK617R

1/1



1/2

BRUNS

FK611R-FK617R

165 mm, 6 1/2"

2,5 mm



Fig. 000

FK621R

3,4 mm



Fig. 00

FK622R

4,2 mm



Fig. 0

FK623R

5,2 mm



Fig. 1

FK624R

6,3 mm



Fig. 2

FK625R

7,4 mm



Fig. 3

FK626R

8 mm



Fig. 4

FK627R

1/1



SCHEDE

FK621R-FK627R

170 mm, 6 3/4"

2,8 mm



Fig. 0000

FK630R

3,6 mm



Fig. 000

FK631R

4,4 mm



Fig. 00

FK632R

5,2 mm



Fig. 0

FK633R

6,8 mm



Fig. 1

FK634R

8,5 mm



Fig. 2

FK635R

10 mm



Fig. 3

FK636R

11,5 mm



Fig. 4

FK637R

13 mm



Fig. 5

FK638R

14,5 mm



Fig. 6

FK639R

1/1



1/2

VOLKMANN

FK630R-FK639R

170 mm, 6 3/4"

3,4 mm



Fig. 00

FK658R

5,2 mm



Fig. 1

FK659R



1/2

WILLIGER

FK658R-FK659R

170 mm, 6 3/4"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

FK

1,8 mm



FK675R

2,0 mm



FK676R

2,4 mm



FK677R

2,6 mm



FK678R

2,8 mm



FK679R



1/2

LEMPERT

FK675R-FK679R

215 mm, 8 1/2"

biegsam
malleable

4,4 mm



Fig. 00

FK684R

5,2 mm



Fig. 0

FK685R

6,8 mm



Fig. 1

FK686R



1/2

HALLE

FK684R-FK686R

215 mm, 8 1/2"

2,8 mm



Fig. 0000

FK662R

3,6 mm



Fig. 000

FK663R

4,4 mm



Fig. 00

FK664R

5,2 mm



Fig. 0

FK665R



1/2

DAUBENSPECK

FK662R-FK665R

200 mm, 8"



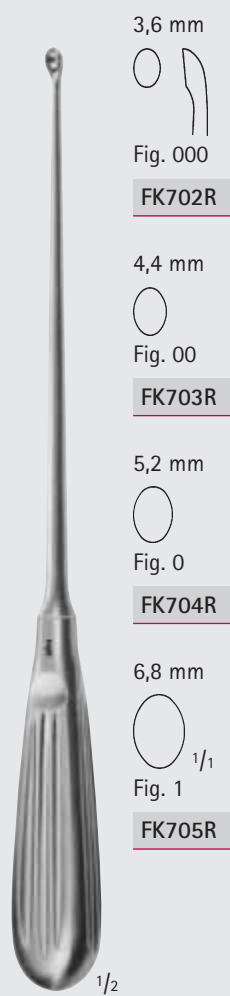
MILLIMETERS

Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

FK



FK702R-FK705R
250 mm, 10"



FK712R-FK715R
250 mm, 10"



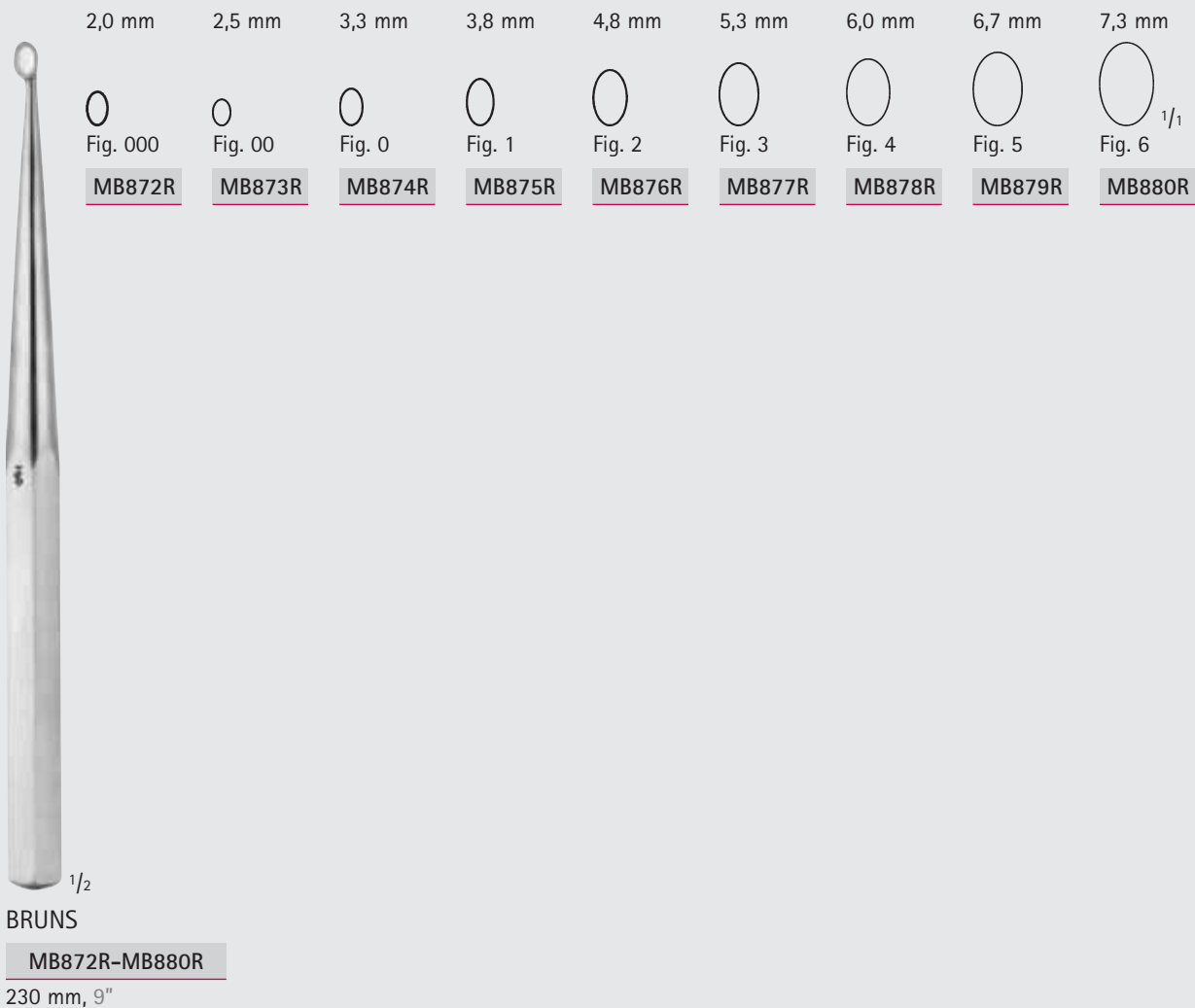
BUSHE
FK723R-FK725R
250 mm, 10"



Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel Bone Curettes

EK

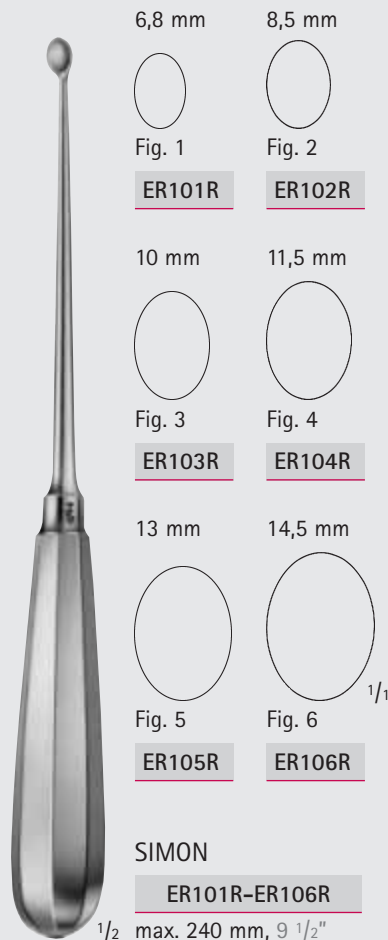


Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Crettes

Scharfe Löffel

Bone Crettes

FK



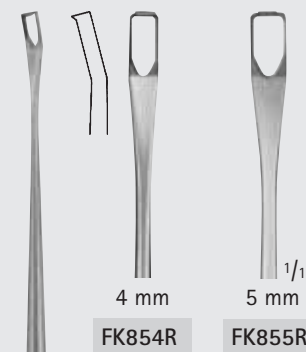


Knochenheber, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

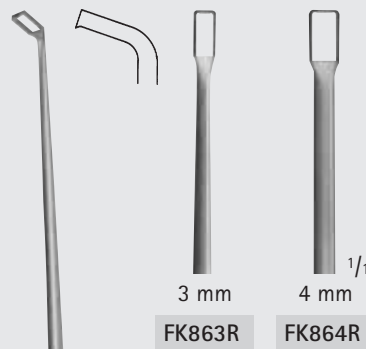
Bone Curettes

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer
up to 143°C (3 bar overpressure)



CASPAR
FK854R-FK855R

gezahnt
toothed
250 mm, 10"



CASPAR

FK863R-FK864R

gezahnt
toothed
270 mm, 10 3/4"



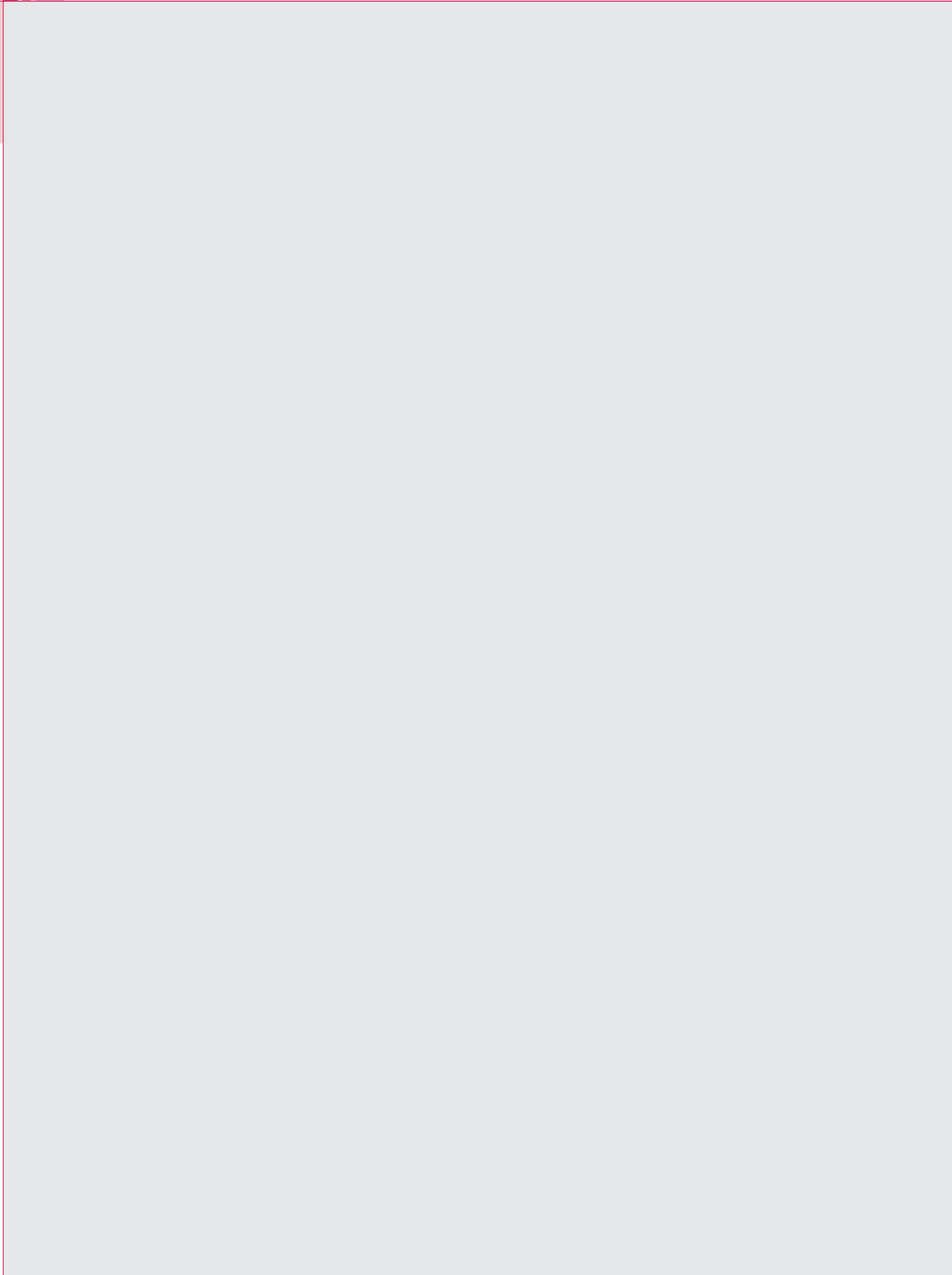
FK666R-FK672R

270 mm, 10 3/4"

EK



MILLIMETERS



FL



Hämmer, Meißel
Mallets, Chisels and Gouges

Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer

Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets



Ø 20 mm
diam. 20 mm

MEAD

FL035R 180 g

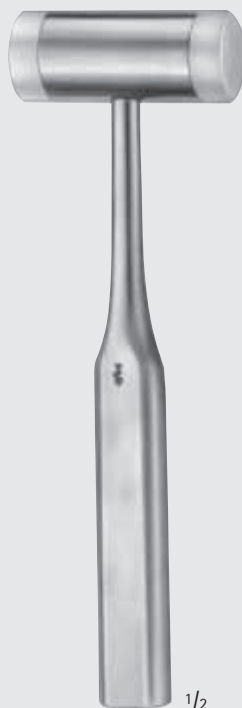
mit auswechselbaren
Kunststoffbacken
with interchangeable
plastic discs

190 mm, 7 1/2"

FL034

Ersatzbackenpaar
Pair of spare discs

1/2



Ø 25 mm
diam. 25 mm

FL036R 135 g

mit auswechselbaren
Kunststoffbacken
with interchangeable
plastic discs

185 mm, 7 1/4"

FL037

Ersatzbackenpaar
Pair of spare discs

1/2



Ø 30 mm
diam. 30 mm

COTTLE

FL038R 235 g

1 Seite flach, 1 Seite convex

1 side flat, 1 side convex

185 mm, 7 1/4"

1/2



Ø 25 mm
diam. 25 mm

FL039R 130 g

mit einer flachen und einer
aufgerauten Fläche
with one smooth and one
rough surface

185 mm, 7 1/4"

1/2

FL



Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets



Ø 22 mm
diam. 22 mm

DF112R 80 g
165 mm, 6 1/2"

1/2



Ø 22 mm
diam. 22 mm

DF114R 155 g
190 mm, 7 1/2"

1/2

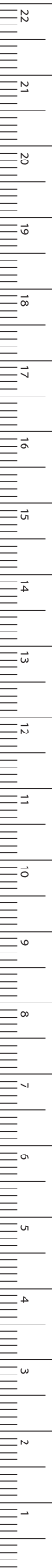


Ø 27 mm
diam. 27 mm

HAJEK
FLO44R 135 g
220 mm, 8 3/4"

1/2

FL



MILLIMETERS

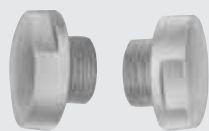
Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer

Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers

Weights refer to the heads of the mallets



FL047

Ersatzbackenpaar

Pair of spare disks

Dampfsterilisierbar bis
143°C (3 bar)

Can be sterilized in a
steam sterilizer up to
143°C (3 bar)



Ø 30 mm
diam. 30 mm

FL045R 200 g

mit auswechselbaren
Kunststoffbacken
with interchangeable
plastic discs
245 mm, 9 3/4"



Ø
diam.

FL010 42 mm

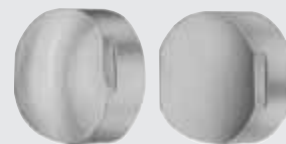
FL011 50 mm

250 mm, 10"



FL064R 215 g

1 Metallbacke, plan
1 Metallbacke, convex
1 metal disc, flat
1 metal disc, convex



FL065 30 g

1 Kunststoffbacke, plan
1 Kunststoffbacke, convex
1 plastic disc, flat
1 plastic disc, convex



Ø 35 mm
diam. 35 mm

Hammerkopf ohne Backen 125 g
Mallet head without disks 125 g

WAGNER

FL062

komplett mit:

FL064R 1 Paar Metallbacken
FL065 1 Paar Kunststoffbacken
1 Schlüssel

complete with:

FL064R 1 pair of metal discs
FL065 1 pair of plastic discs
1 wrench

235 mm, 9 1/4"



Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets



FL070S 425 g

Kopf aus Implantatwerkstoff
Head made of material
used for implants
235 mm, 9 1/4"



BERGMANN

FL060R 300 g

245 mm, 9 3/4"

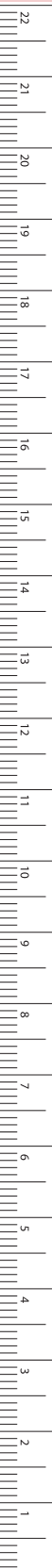


BERGMANN

FL055R 245 g

235 mm, 9 1/4"

FL



Hämmer und Meißel – Mallets, Chisels and Gouges

Hämmer

Mallets

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers

Weights refer to the heads of the mallets



FL059R 285 g
240 mm, 9 1/2"



OMBREDANNE
FL066R 520 g
240 mm, 9 1/2"



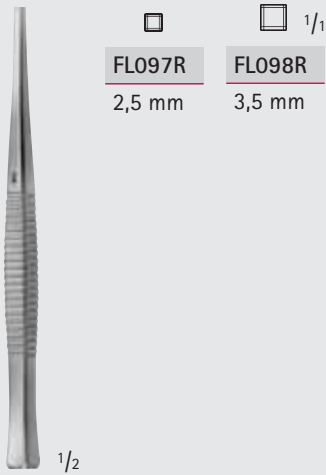
		Ø	diam.
HEATH			
FL068C	660 g	40 mm	185 mm, 7 1/4"
FL069C	725 g	45 mm	200 mm, 8"

mit Kupferfüllung
with cooper filled head



Hämmer und Meißel – Mallets, Chisels and Gouges

Stößel Tampers



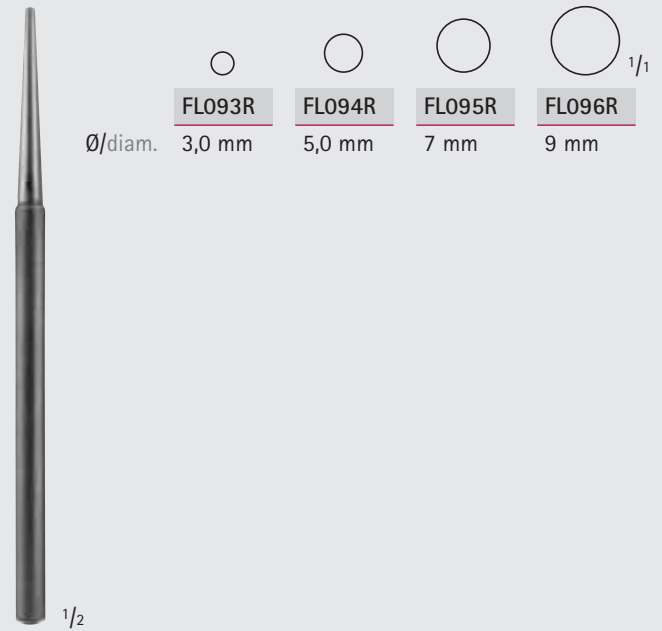
FL097R
2,5 mm

FL098R
3,5 mm

PASSOW

FL097R-FL098R

120 mm, 4 3/4"



Ø/diam.

FL093R
3,0 mm

FL094R
5,0 mm

FL095R
7 mm

FL096R
9 mm

FL093R-FL096R

160 mm, 6 1/2"



Ø/diam.

FF913R
3 mm

FF914R
5 mm

FF915R
8 mm

CASPAR

FF913R-FF915R

200 mm, 8"



Ø/diam.

FL090R
12 mm

FL091R
14 mm

FL092R
16 mm

FL090R-FL092R

200 mm, 8"

FL



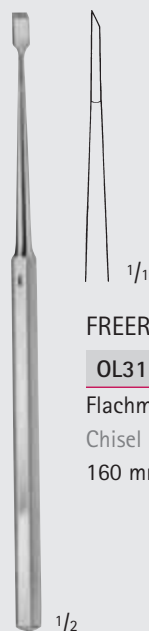
MILLIMETERS

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel

Osteotomes, Chisels and Gouges

FL



FREER

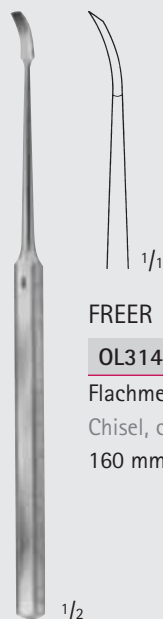
OL311R 4 mm

Flachmeißel

Chisel

160 mm, 6 1/4"

1/2



FREER

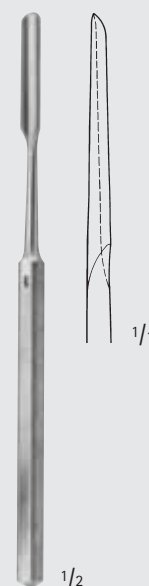
OL314R 4 mm

Flachmeißel, gebogen

Chisel, curved

160 mm, 6 1/4"

1/2



FREER

OL316R 6 mm

Hohlmeißel

Gouge

150 mm, 6"

1/2



MANNERFELT MODIF.

FL144R 4 mm

FL146R 6 mm

FL148R 8 mm

Osteotome

Osteotomes

155 mm, 6"

1/2



MANNERFELT MODIF.

FL153R 3 mm

Hohlmeißel

Gouge

155 mm, 6"

1/2



KRÄMER

FL711R 2,6 mm

Osteophyten-Meißel
mit Griff

Chisel for osteophytes
with handle

215 mm, 8 1/2"

1/2

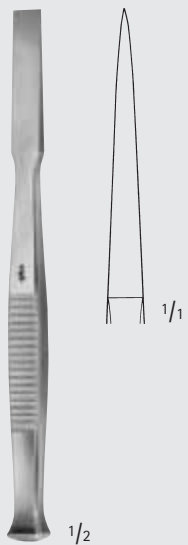
INCHES



Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel
Osteotomes, Chisels and Gouges

FL

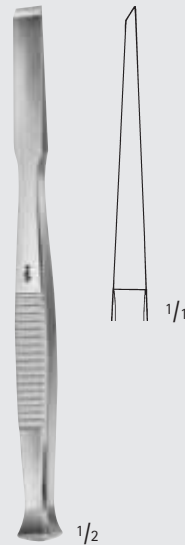


FL110R	4 mm
FL112R	6 mm
FL114R	8 mm
FL116R	10 mm
FL118R	12 mm

Osteotome

Osteotomes

140 mm, 5 1/2"

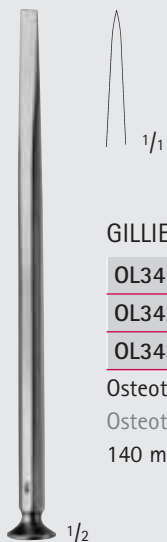


FL120R	4 mm
FL122R	6 mm
FL124R	8 mm
FL126R	10 mm
FL128R	12 mm

Flachmeißel

Chisels

140 mm, 5 1/2"



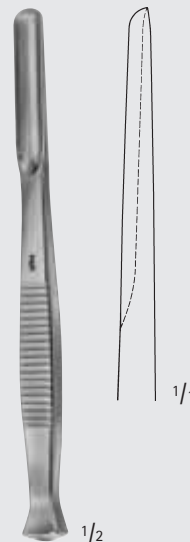
GILLIES

OL341R	5 mm
OL342R	7 mm
OL343R	9 mm

Osteotome

Osteotomes

140 mm, 5 1/2"



FL130R	4 mm
FL132R	6 mm
FL134R	8 mm
FL136R	10 mm
FL138R	12 mm

Hohlmeißel

Gouges

140 mm, 5 1/2"



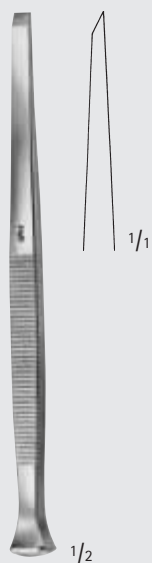
MILLIMETERS

Hämmer und Meißel – Mallets, Chisels and Gouges

Flach- und Hohlmeißel

Chisels and Gouges

FL



PARTSCH

FL173R 3 mm

FL174R 4 mm

FL175R 5 mm

FL176R 6 mm

Flachmeißel

Chisels

140 mm, 5 1/2"



PARTSCH

FL183R 3 mm

FL184R 4 mm

FL185R 5 mm

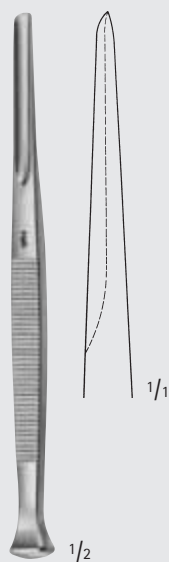
FL186R 6 mm

FL187R 7 mm

Flachmeißel

Chisels

170 mm, 6 3/4"



PARTSCH

FL213R 3 mm

FL214R 4 mm

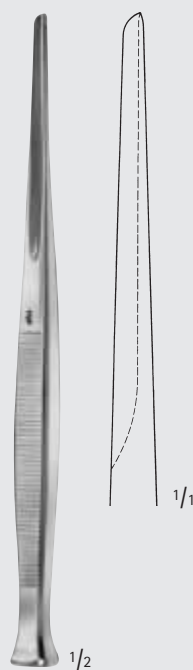
FL215R 5 mm

FL216R 6 mm

Hohlmeißel

Gouges

140 mm, 5 1/2"



PARTSCH

FL223R 3 mm

FL224R 4 mm

FL225R 5 mm

FL226R 6 mm

FL227R 7 mm

Hohlmeißel

Gouges

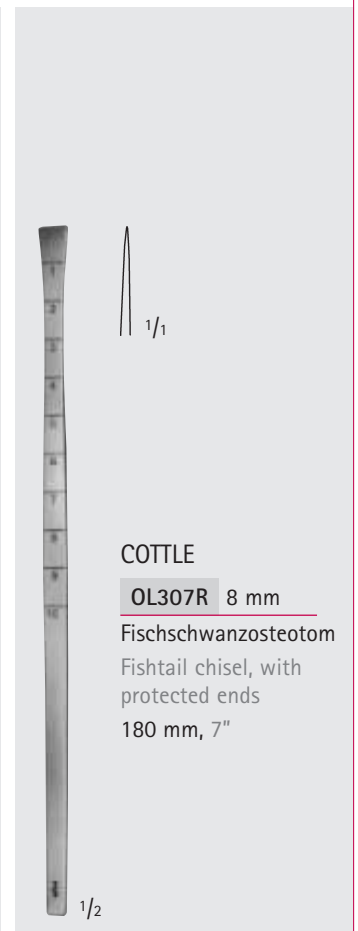
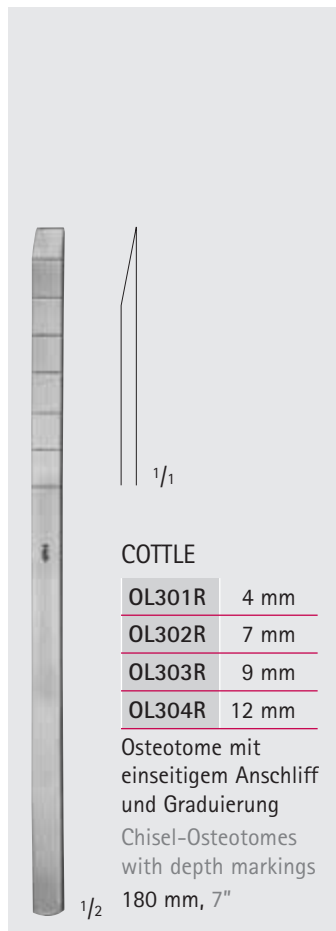
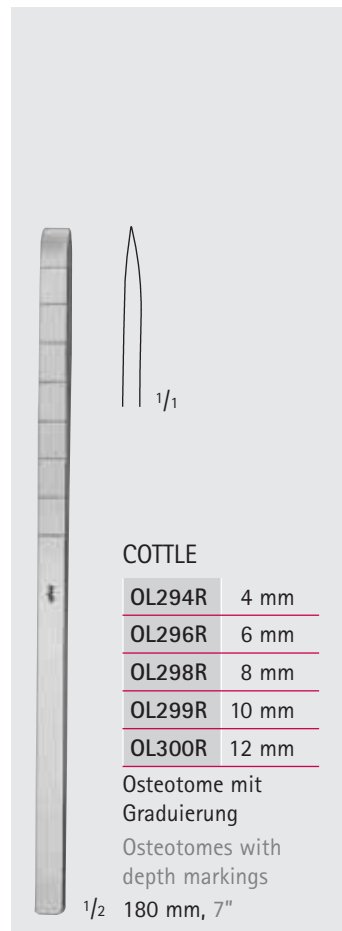
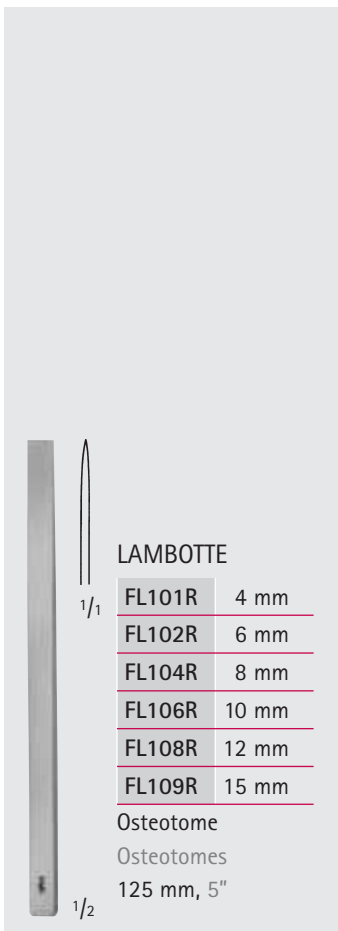
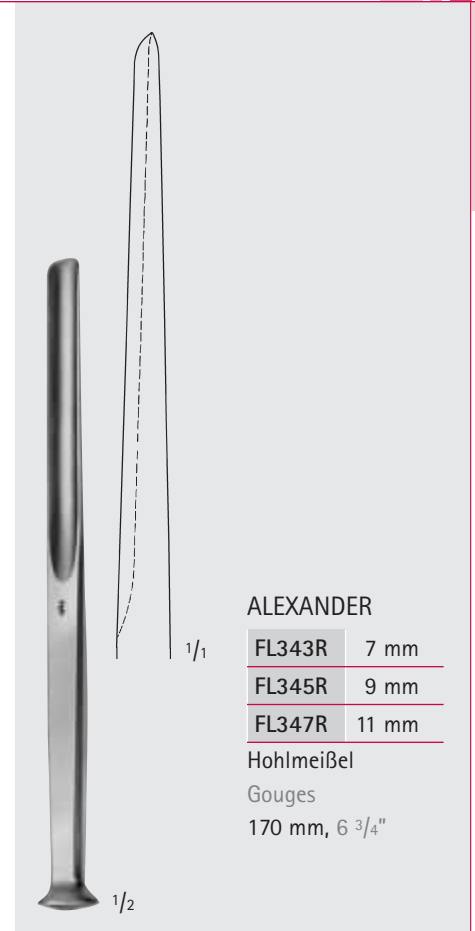
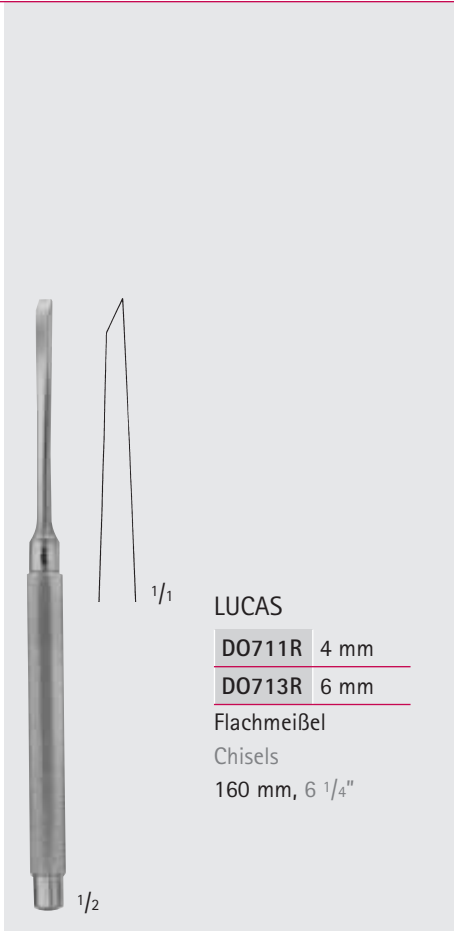
170 mm, 6 3/4"



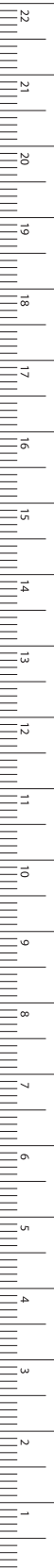
Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel

Osteotomes, Chisels and Gouges



FL



Hämmer und Meißel – Mallets, Chisels and Gouges

Flachmeißel und Osteotome

Chisels and Osteotomes

FL



EAST GRINSTEAD (WARD)

D0722R 3 mm

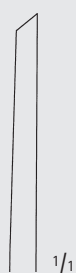
D0723R 5 mm

Flachmeißel

Chisels

180 mm, 7"

1/2



EASTMAN

D0725R 3 mm

D0726R 5 mm

Flachmeißel

Chisels

190 mm, 7 1/2"

1/2



EAST GRINSTEAD (WARD)

D0732R 3 mm

D0733R 5 mm

Osteotome

Osteotomes

180 mm, 7"

1/2

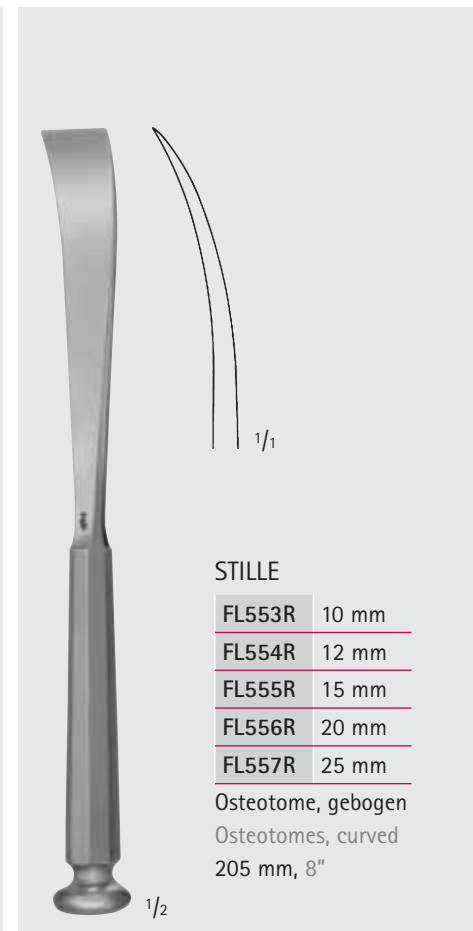
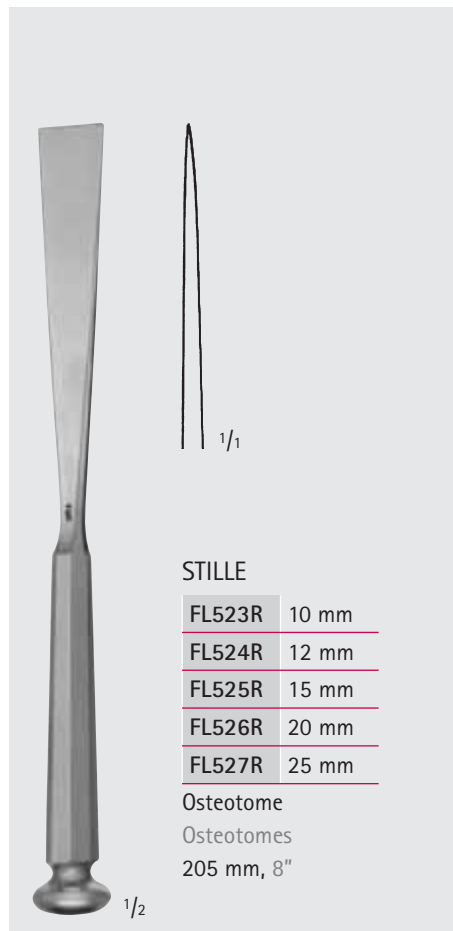
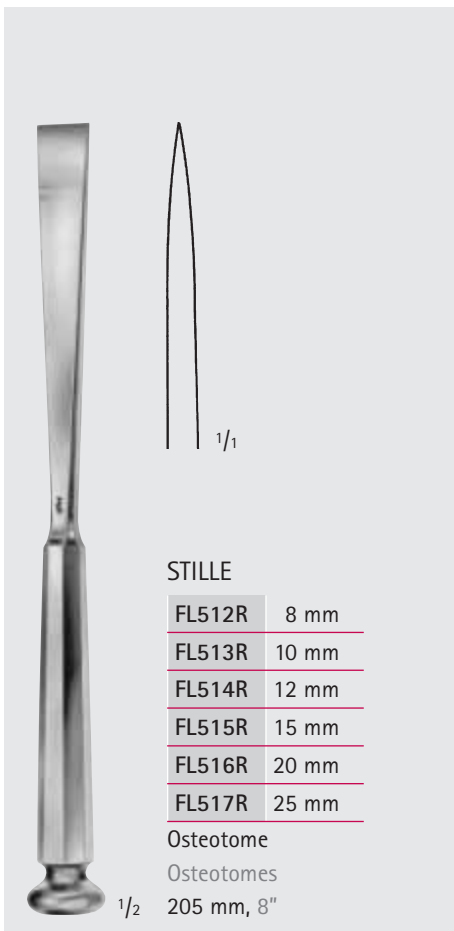
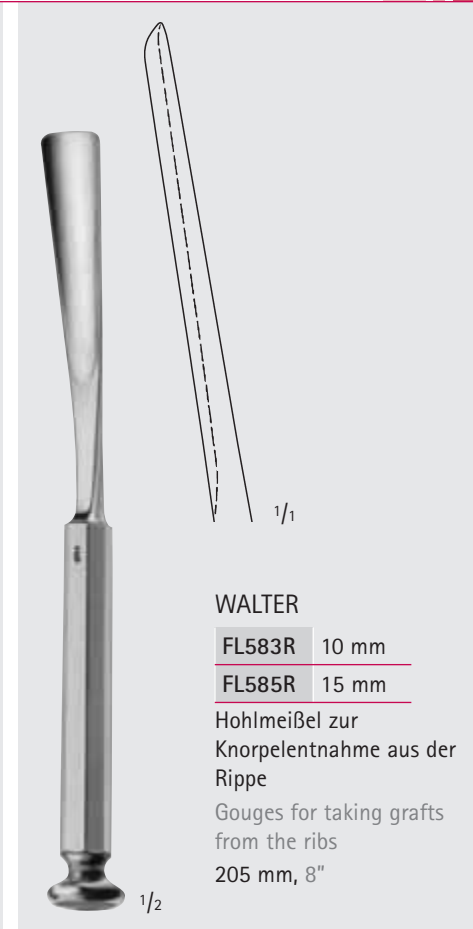
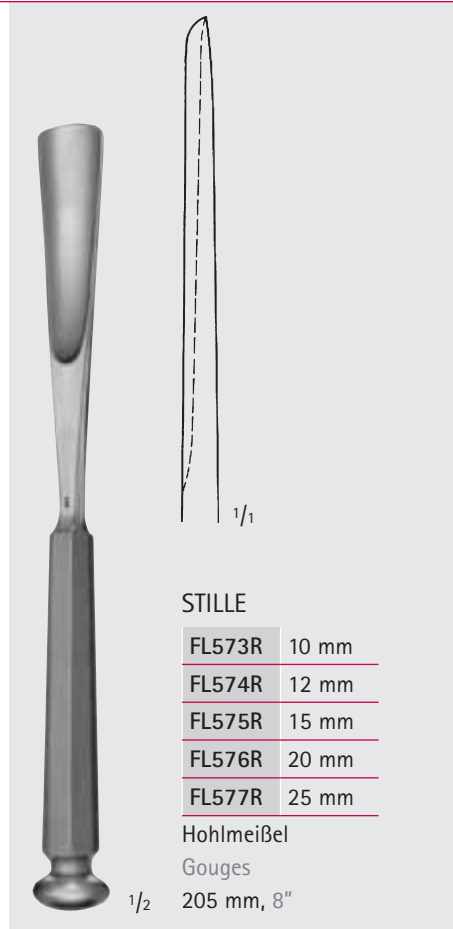
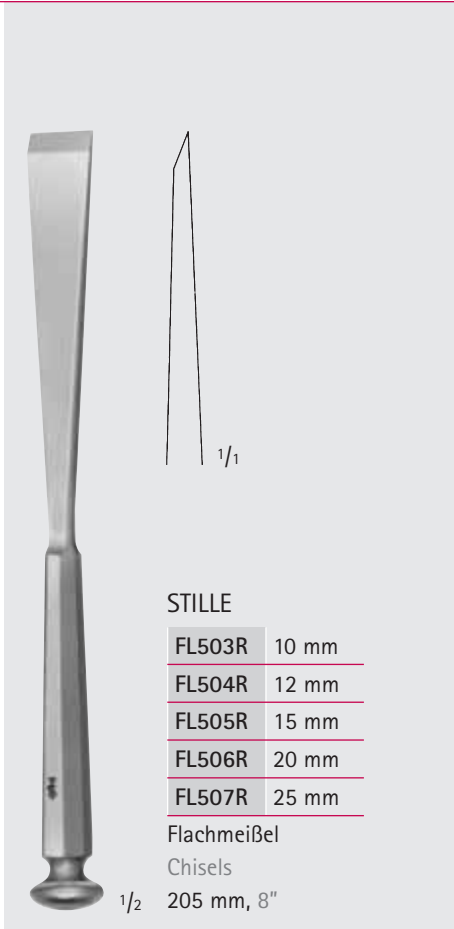
INCHES



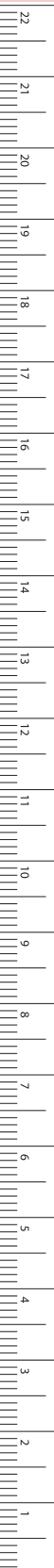
Hämmer und Meißel – Mallets, Chisels and Gouges

Flach- und Hohlmeißel, Osteotome

Chisels and Gouges, Osteotomes



FL



Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome

Osteotomes

FL



MB657R-MB662R



MB663R-MB669R



SMITH-PETERSEN

MB657R	7 mm
MB658R	11 mm
MB659R	14 mm
MB660R	17 mm
MB661R	19 mm
MB662R	25 mm
MB663R	6 mm
MB664R	9,5 mm
MB665R	13 mm
MB666R	16 mm
MB667R	19 mm
MB668R	25 mm
MB669R	32 mm

1/2

205 mm, 8 1/8"



MB675R-MB684R



MB685R-MB694R



HIBBS

MB675R	6 mm
MB676R	10 mm
MB677R	13 mm
MB678R	16 mm
MB679R	19 mm
MB680R	22 mm
MB681R	25 mm
MB682R	28 mm
MB683R	32 mm
MB684R	38 mm
MB685R	6 mm
MB686R	10 mm
MB687R	13 mm
MB688R	16 mm
MB689R	19 mm
MB690R	22 mm
MB691R	25 mm
MB692R	28 mm
MB693R	32 mm
MB694R	38 mm

1/2

240 mm, 9 1/2"



Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome Osteotomes

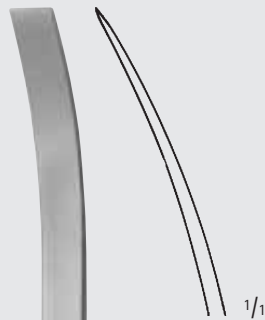
FL

LAMBOTTE

FL650R	4 mm
FL651R	8 mm
FL652R	10 mm
FL653R	13 mm
FL654R	15 mm
FL655R	18 mm
FL656R	20 mm
FL658R	25 mm
FL659R	30 mm
FL660R	38 mm
FL661R	44 mm
FL662R	50 mm

245 mm, 9 $\frac{3}{4}$ "

$\frac{1}{2}$



LAMBOTTE

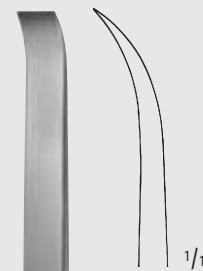
FL781R	8 mm
FL783R	13 mm
FL785R	18 mm
FL788R	25 mm
FL789R	30 mm
FL790R	38 mm

gebogen

curved

245 mm, 9 $\frac{3}{4}$ "

$\frac{1}{2}$



OBWEGESER

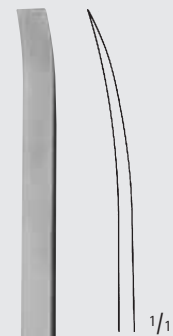
DO720R	11 mm
--------	-------

gebogen

curved

235 mm, 9 $\frac{1}{4}$ "

$\frac{1}{2}$



NIEDERDELLMANN

DO728R	8 mm
DO730R	10 mm

gebogen

curved

250 mm, 10"

$\frac{1}{2}$



MILLIMETERS

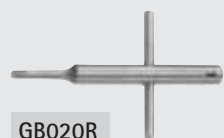
Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel mit PEEK-Griff

Osteotomes, Chisels and Gouges with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)



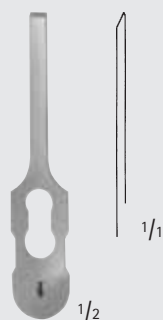
GB020R



FL665R

Meißelgriff für
auswechselbare Klingen
mit Spannschlüssel GB020R

Handle for interchangeable
blades, with key GB020R



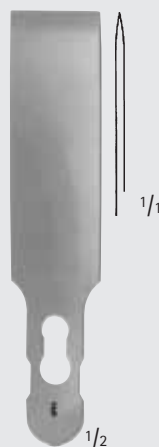
FL666R 5 mm

FL668R 10 mm

FL670R 16 mm

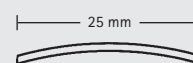
FL672R 25 mm

auswechselbare Klingen,
Nutzlänge: 45 mm
interchangeable blades,
usable length: 45 mm



FL682R 25 mm

auswechselbare
Osteotomieklinge,
Nutzlänge: 78 mm
interchangeable
osteotome blade,
usable length: 78 mm



FL685R

FL686R

FL687R



FL685R 25 mm r = 50 mm

FL686R 25 mm r = 60 mm

FL687R 25 mm r = 70 mm

auswechselbare
Meißelblätter, hohl
interchangeable chisel
blades, hollow



Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel mit PEEK-Griff
Osteotomes, Chisels and Gouges with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)

FL



DO750R	10 mm
DO752R	15 mm
DO754R	20 mm

Flachmeißel
Chisels
200 mm, 8"



DO751R	10 mm
DO753R	15 mm
DO755R	20 mm

Flachmeißel, gebogen
Chisels, curved
200 mm, 8"



LEXER-MINI

FL380R	4 mm
FL381R	6 mm
FL382R	8 mm
FL383R	10 mm
FL384R	12 mm

Osteotome
Osteotomes
180 mm, 7"



LEXER-MINI

FL390R	4 mm
FL391R	6 mm
FL392R	8 mm
FL393R	10 mm
FL394R	12 mm

Hohlmeißel
Gouges
180 mm, 7"



MILLIMETERS

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome und Hohlmeißel mit PEEK-Griff

Osteotome and Gouges with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)



LEXER

FL401R	5 mm
FL402R	7 mm
FL403R	10 mm
FL405R	15 mm
FL406R	20 mm
FL407R	25 mm
FL408R	30 mm

Osteotome
Osteotomes

220 mm, 8 3/4"



LEXER

FL411R	5 mm
FL412R	7 mm
FL413R	10 mm
FL415R	15 mm
FL416R	20 mm
FL417R	25 mm
FL418R	30 mm

Hohlmeißel
Gouges

220 mm, 8 3/4"



FL420R 9 mm

Hohlmeißel zum Freilegen
abgebrochener Schrauben

Gouge for excavating
broken screws

220 mm, 8 3/4"



ZIELKE

FL701R 5,5 mm

FL702R 9,0 mm

Hohlmeißel für
Skoliose-Operationen

Gouges for scoliosis
operations

230 mm, 9"



Hämmer und Meißel – Mallets, Chisels and Gouges

Hohlmeißel Gouges

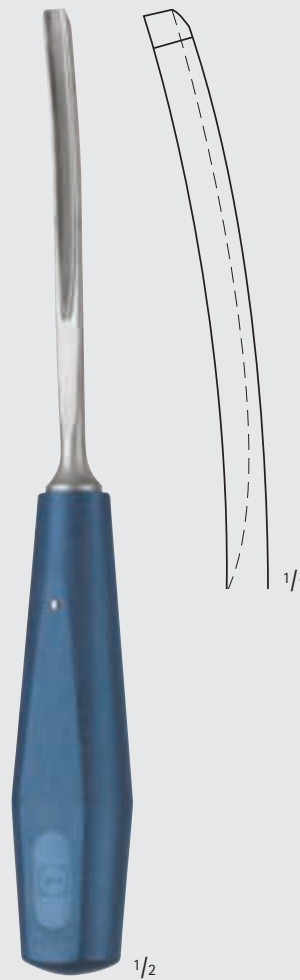
Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)



FL437R	6 mm
FL438R	8 mm
FL439R	11 mm
FL440R	16 mm

Wirbelsäulenmeißel,
bajonettförmig
Lamina gouge, cranked
235 mm, 9 1/4"



FL441R	5 mm
FL443R	10 mm
FL445R	15 mm

Spongiosa-Hohlmeißel,
gebogen
Spongiosa gouges, curved
250 mm, 10"

FL



MILLIMETERS

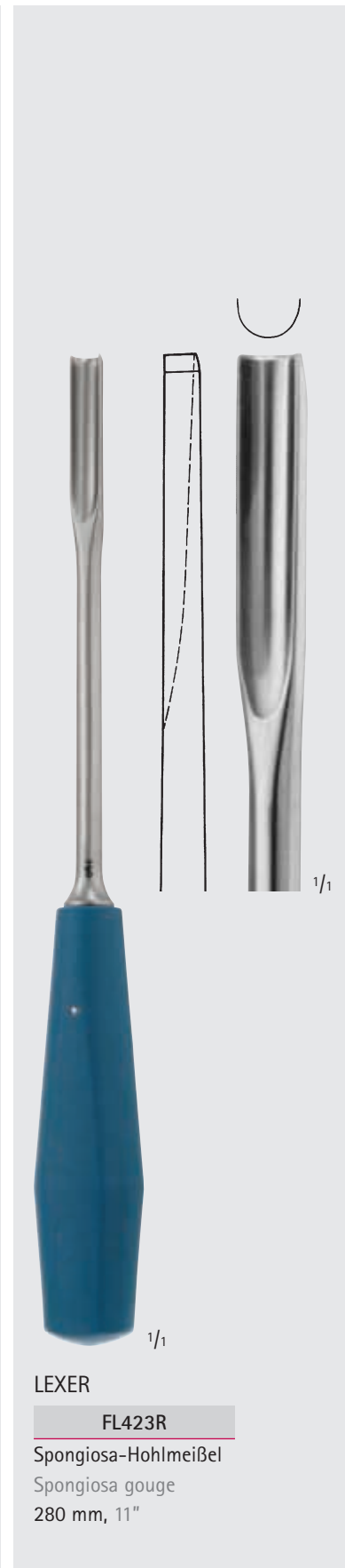
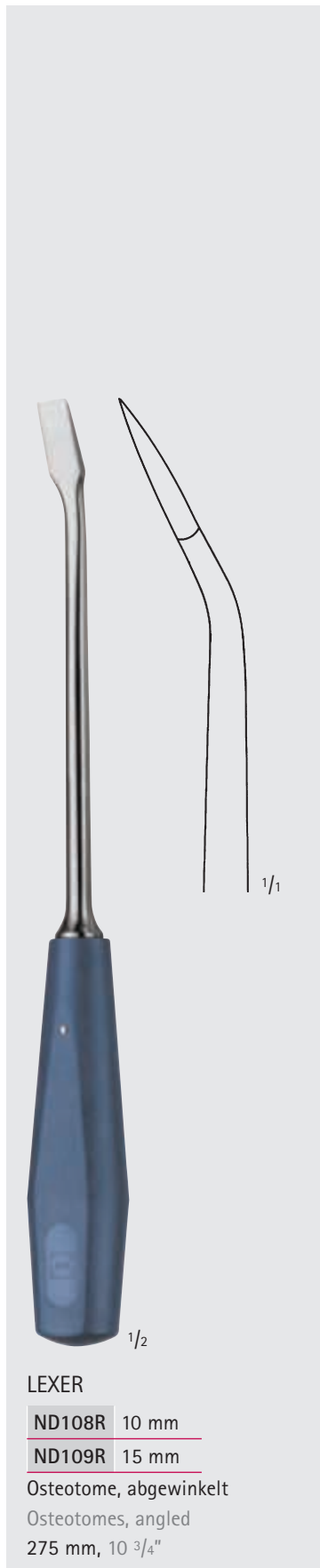
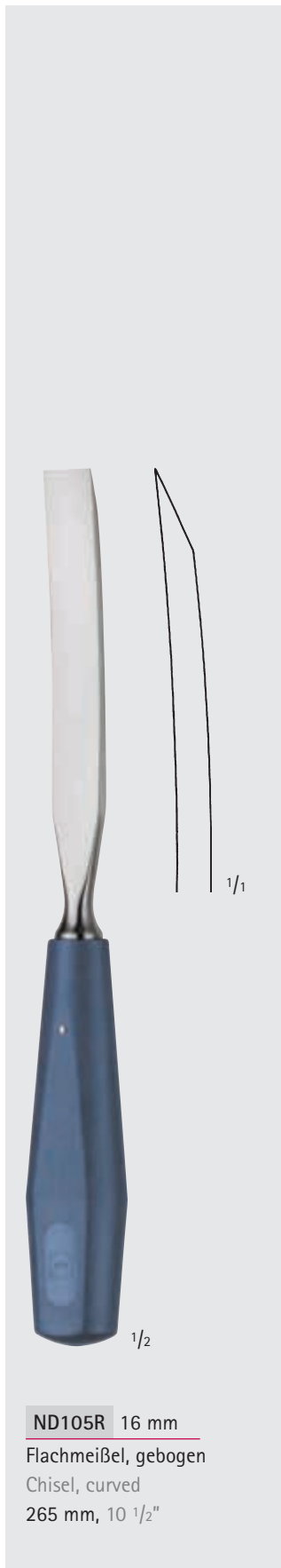
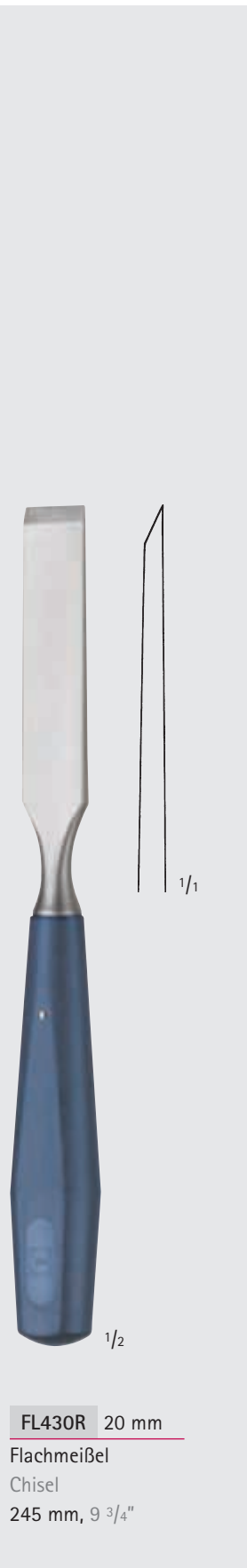
Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome und Flachmeißel mit PEEK-Griff

Osteotomes and Chisels with PEEK-Handle

Dampfsterilisierbar bis 143°C (3 bar)

Can be sterilized in a steam sterilizer up to 143°C (3 bar)





Hämmer und Meißel – Mallets, Chisels and Gouges

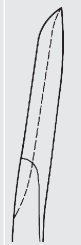
Hohlmeißel Gouges

Dampfsterilisierbar bis 143°C (3 bar)

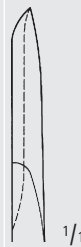
Can be sterilized in a steam sterilizer up to 143°C (3 bar)



aufgebogen
inclined forward



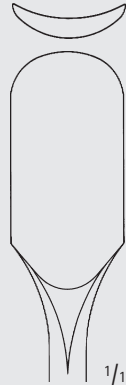
rückwärts gebogen
inclined backward



gerade
straight



9 mm



15 mm

ND120R

ND122R

ND121R

ND123R

ND124R

ND125R

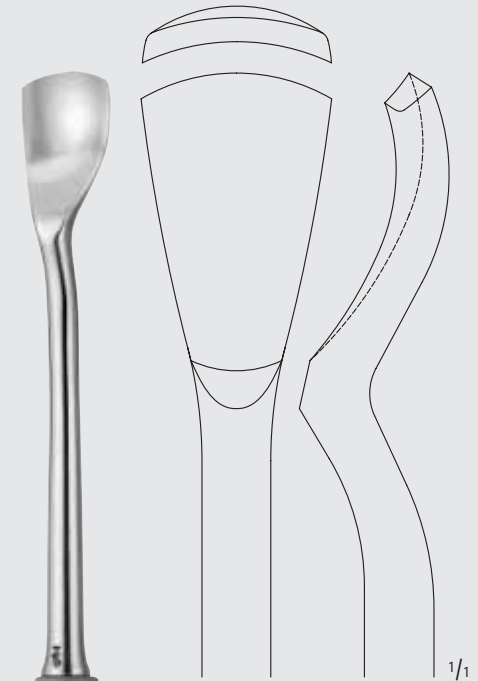
WAGNER

ND120R-ND125R

Hohlmeißel zum Abtragen von Osteophyten sowie zum Anbringen von Verankerungsrillen im Acetabulum. Auch sehr gut geeignet zur Zemententfernung bei Reoperationen von Schaftprothesen.

Long handled thin concave gouges for removal of osteophytes as well as for creating small notches throughout the acetabular surface. The instruments can also be used for removing bone cement from the marrow-cavity when removing a total hip prosthesis.

340 mm, 13 1/2"

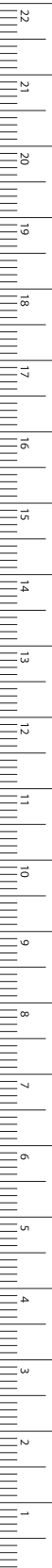


1/2

ND118R 25 mm

290 mm, 11 1/4"

FL



MILLIMETERS



FO



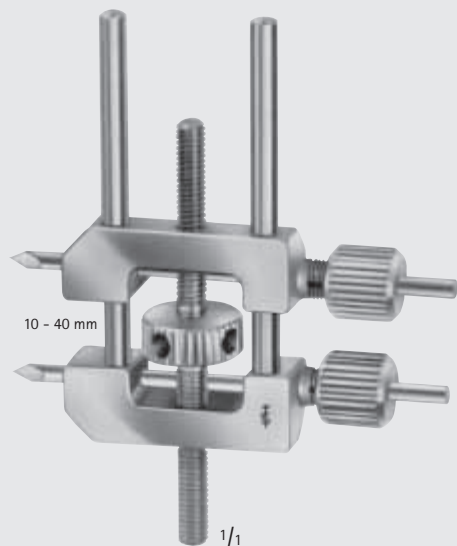
Knochenhalte­zangen, Hohl­meißel­zangen,
Knochensplitter­zangen

Bone Holding Forceps, Bone Rongeurs,
Bone Cutting Forceps

Knochenhaltezeugen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

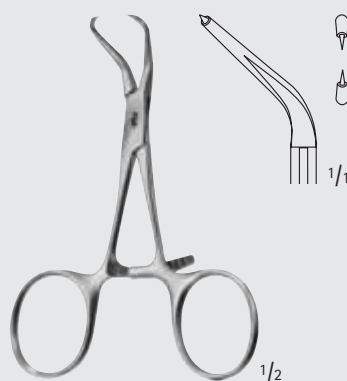
Distraktor, Repositionszangen

Distractor, Reposition Forceps



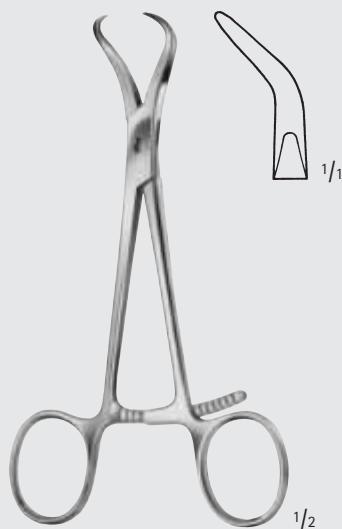
LX310R

Kleiner Distraktor, zum Distrahieren und Komprimieren von kleinen Knochen, für Bohrdrähte Ø 3,0 mm
Small distractor, a repositioning device for distraction and compression of small bones, for wires with 3.0 mm diam.



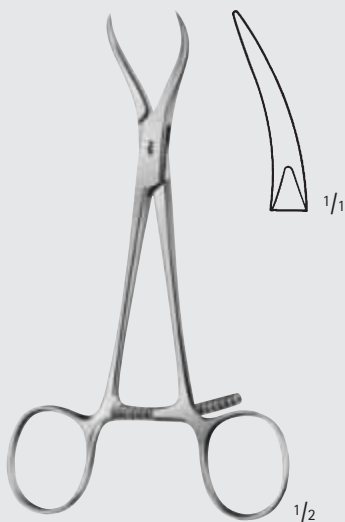
F0113R

Repositionszange mit abgesetzten Spitzen
Reposition forceps with stepped tips
95 mm, 3 3/4"



F0115R

Repositionszange für Kleinfragmente
Reposition forceps for small fragments
135 mm, 5 1/4"



F0117R

Repositionszange, speziell für Kieferrepositionen
Reposition forceps, especially for maxillary reposition
135 mm, 5 1/4"



HAASE

F0119R

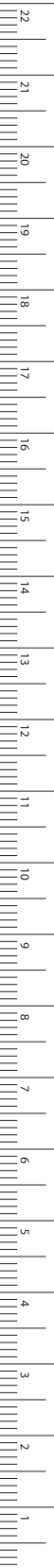
Repositionszange für Unterkieferfrakturen
Reposition forceps for mandibular fractures
165 mm, 6 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Repositionszangen, Repositionsstößel

Reposition Forceps, Reposition Tamper

FO

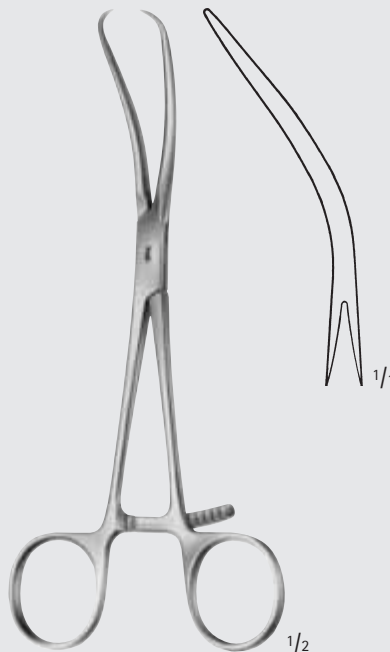


Zum Fixieren eines anzuschraubenden Knochenteils mittels KIRSCHNER-Bohrdraht bis Ø 2 mm
A bone part to be screwed on is fixed by using a KIRSCHNER wire up to diam. 2 mm

WÖRRLEIN

FO105R

Repositionsstoßel (Kronenspieß), längsdurchbohrt
Reposition tamper, cannulated
165 mm, 6 1/2"



REILL

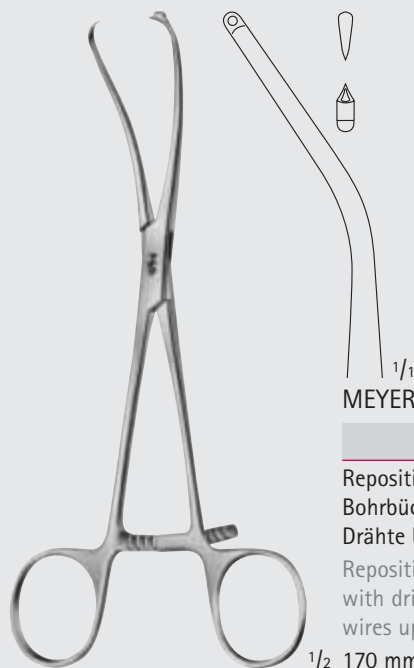
FO116R

Repositionszange
Reposition forceps
170 mm, 6 3/4"



FO118R

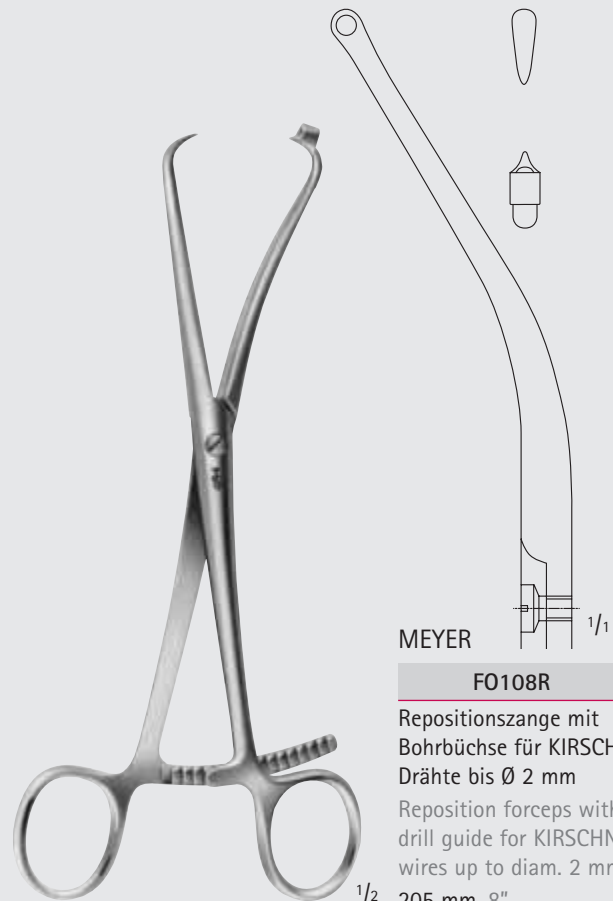
Repositionszange
Reposition forceps
205 mm, 8"



MEYER

FO106R

Repositionszange für Finger, mit Bohrbüchse für KIRSCHNER-Drähte bis Ø 1 mm
Reposition forceps for fingers, with drill guide for KIRSCHNER wires up to diam. 1 mm
170 mm, 6 3/4"



MEYER

FO108R

Repositionszange mit Bohrbüchse für KIRSCHNER-Drähte bis Ø 2 mm
Reposition forceps with drill guide for KIRSCHNER wires up to diam. 2 mm
205 mm, 8"

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Reposition­zangen, Knochen­halte­zangen

Reposition Forceps, Bone Holding Forceps

FO



FO153R

Patellazange
Patella forceps
185 mm, 7 1/4"



FO112R

Knöchelfasszange
Malleolar forceps
210 mm, 8 1/4"



FO123R

Zange mit Zahnsperre
Forceps with ratchet fixation
140 mm, 5 1/2"



FO124R

Zange mit Gewindesperre
Forceps with thread fixation
170 mm, 6 3/4"



FO125R

Zange mit Gewindesperre
Forceps with thread fixation
235 mm, 9 1/4"



Knochenhalte­zangen, Hohl­mei­ßel­zangen – Bone Holding Forceps, Bone Rongeurs

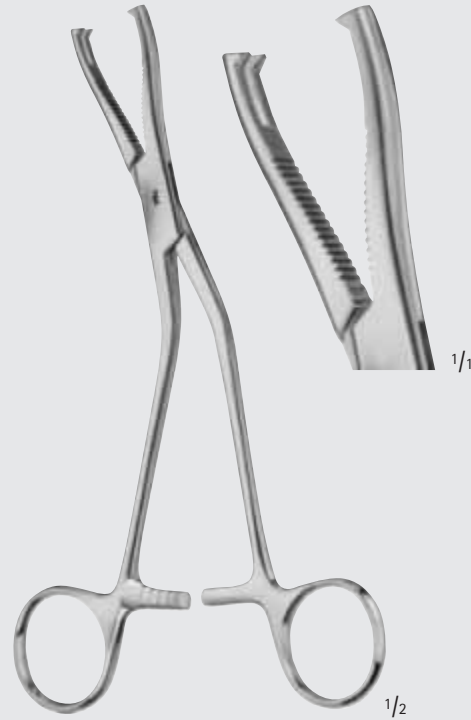
Knochenhalte­zangen
Bone Holding Forceps



DINGMANN

FO110R

185 mm, 7 1/4"



DINGMANN, MODIF.

FO111R

185 mm, 7 1/4"



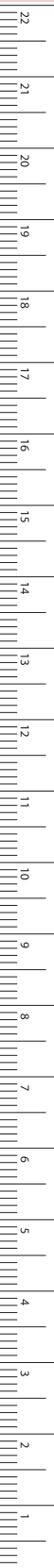
FO100R

Sequesterzange

Sequestrum forceps

200 mm, 8"

FO



MILLIMETERS

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

FO



FO120R

200 mm, 8"



LANGENBECK

FO127R

205 mm, 8"



FERGUSON

FO130R

205 mm, 8"



SEMB

FO135R

190 mm, 7 1/2"



SEMB

FO136R

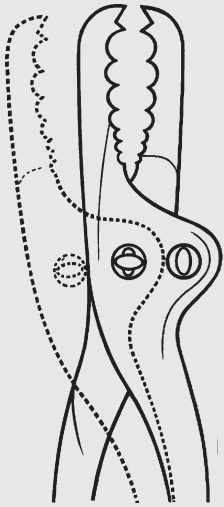
190 mm, 7 1/2"



Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Knochen­halte­zangen
Bone Holding Forceps

FO



im Maul verstellbar
jaw adjustable



FARABEUF

FO140R

230 mm, 9"



FARABEUF

FO141R

255 mm, 10"



FARABEUF-LAMBOTTE

FO143R

255 mm, 10"

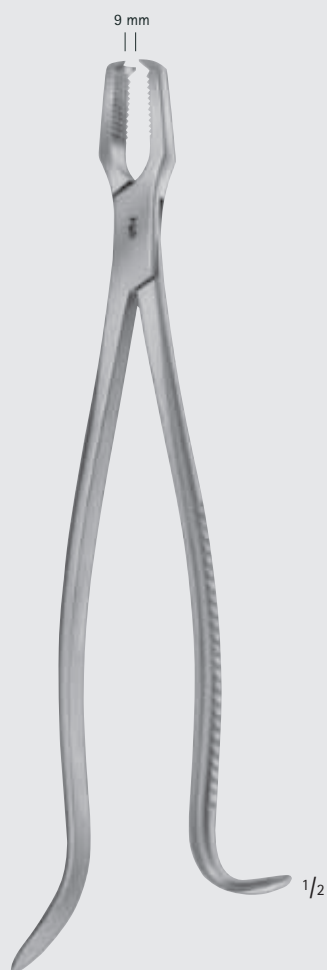


Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen

Bone Holding Forceps

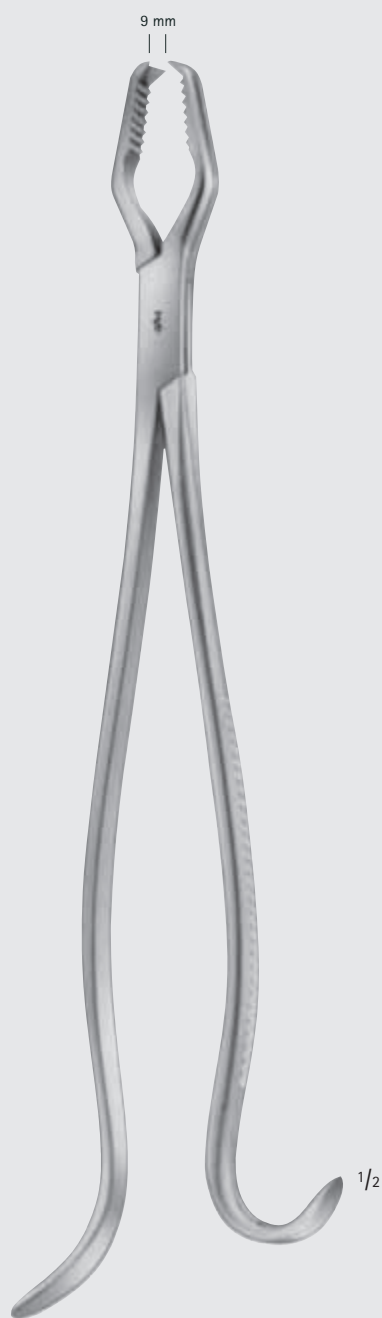
FO



KERN-LANE

FO150R

240 mm, 9 1/2"



LANE

FO151R

330 mm, 13 1/8"



Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Knochenhalte­zangen
Bone Holding Forceps

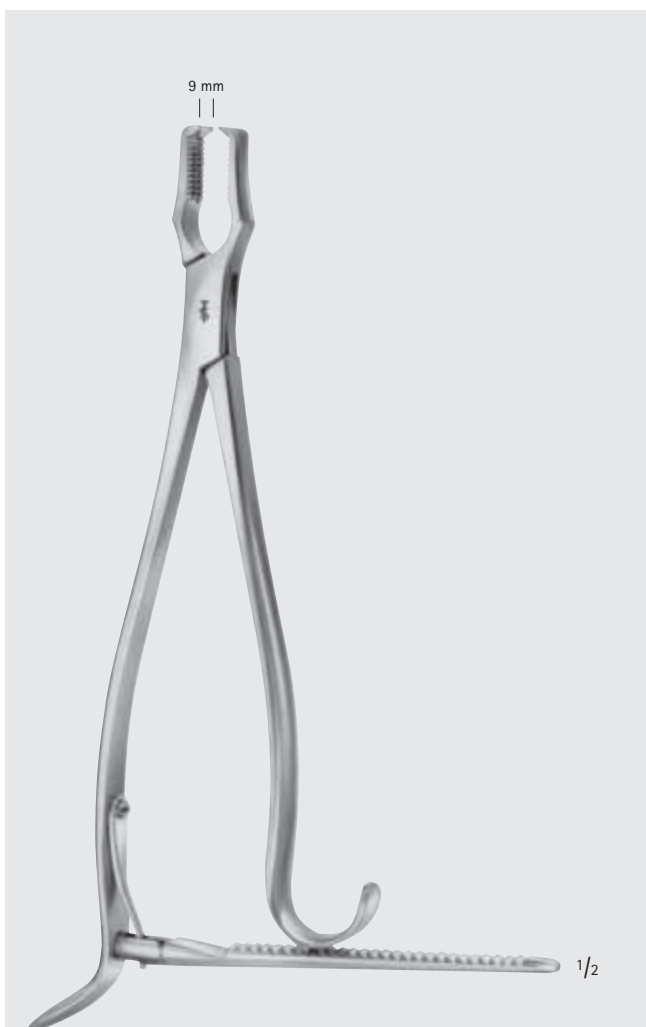
FO



KERN-MINI

FO148R

155 mm, 6"



KERN-LANE

FO158R

240 mm, 9 1/2"



LANE

FO159R

320 mm, 12 3/4"



MILLIMETERS

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

FO



HEY GROVES

FO144R

210 mm, 8 1/4"



HEY GROVES

FO145R

270 mm, 10 3/4"



HEY GROVES

FO146R

305 mm, 12"

Knochenhalte­zangen, Hohl­mei­ßel­zangen – Bone Holding Forceps, Bone Rongeurs

Knochen­halte­zangen

Bone Holding Forceps



FO169R-FO173R

selbst­zen­trierend mit Gewin­desperre
self-centering forceps with thread fixation

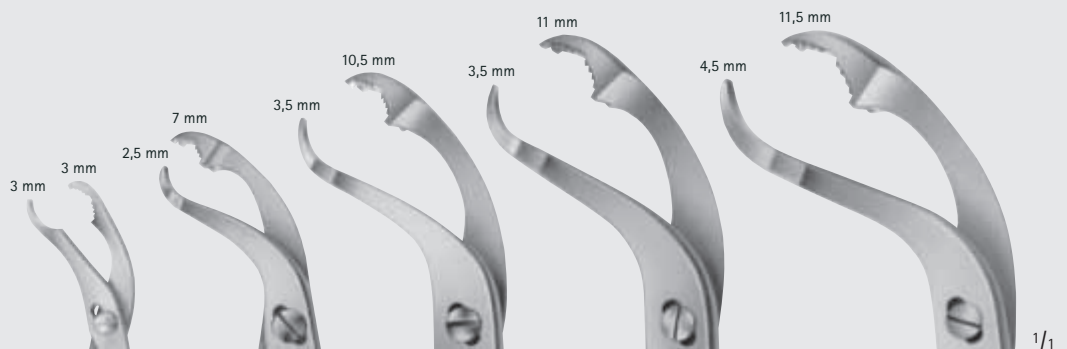


Fig. 0

Fig. 1

Fig. 2

Fig. 3

FO169R

145 mm

5 3/4"

FO170R

190 mm

7 1/2"

FO171R

240 mm

9 1/2"

FO172R

260 mm

10 1/4"

FO173R

280 mm

11"

für Klein-
fragmente
for small
fragments



VERBRUGGE

FO180R

175 mm, 7"



Fig. 1

Fig. 2

Fig. 3

FO181R

255 mm

10"

FO182R

265 mm

10 1/2"

FO183R

270 mm

10 3/4"

VERBRUGGE

FO181R-FO183R

mit Lappenverschluss
with lip joint

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen
Bone Holding Forceps

FO

Maulteil beweglich
movable jaw



LAMBOTTE

FO160R-FO162R



FO160R

220 mm

8 $\frac{3}{4}$ "



FO161R

260 mm

10 $\frac{1}{4}$ "



FO162R

330 mm

13 $\frac{1}{8}$ "

$\frac{1}{2}$

Knochenhaltezeugen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhalteklammern

Bone Clamps

FO



LOWMAN

FO190R 170 mm, 6 3/4"

FO191R 205 mm, 8"



LOWMAN-GERSTER

FO192R

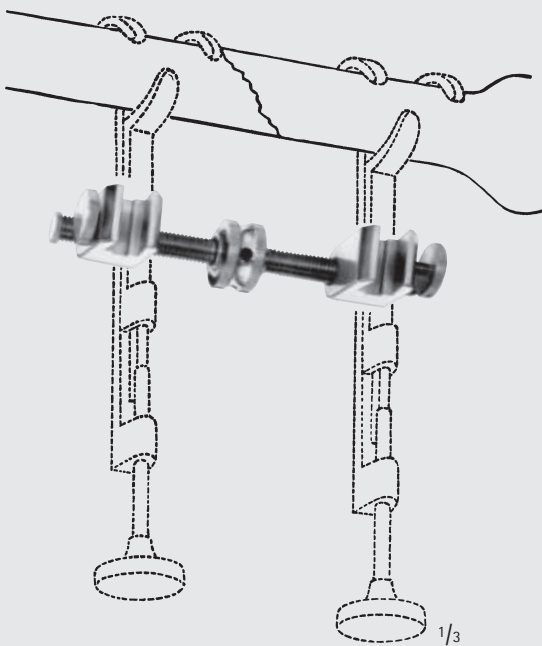
210 mm, 8 1/4"



LOWMAN-HOGLUND

FO193R

175 mm, 7"



GERSTER

FO199R

Distraktionsklammer für FO190R – FO193R

Traction bar for FO190R – FO193R



LEWIN

MD455

185 mm, 7 1/4"



Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Synovektomie-Zangen, Hohlmeißelzangen

Synovectomy-Rongeurs, Bone Rongeurs



FO599R

Synovektomie-Zange
Maulbreite 2 mm
Synovectomy rongeur
jaw width 2 mm
130 mm, 5 1/8"



STELLBRINK

FO399R

Synovektomie-Zange
Synovectomy rongeur
175 mm, 7"



STELLBRINK

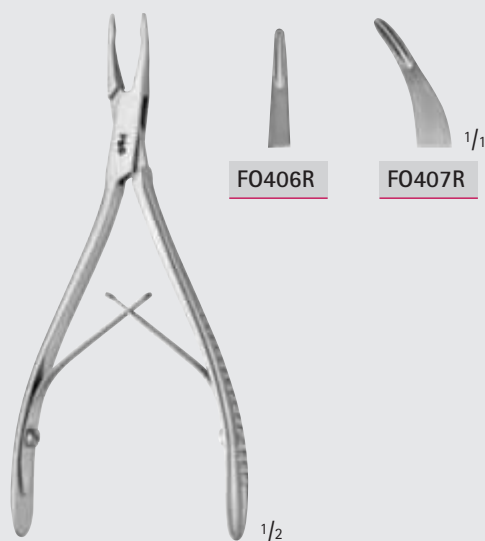
FO400R

Synovektomie-Zange
Synovectomy rongeur
170 mm, 6 3/4"



FO408R

Hohlmeißelzangen
Bone rongeurs
145 mm, 5 3/4"



FRIEDMANN

FO406R-FO407R

Hohlmeißelzange
Bone rongeur
140 mm, 5 1/2"



LUER-FRIEDMANN

FO409R

Hohlmeißelzangen
Bone rongeurs
145 mm, 5 3/4"

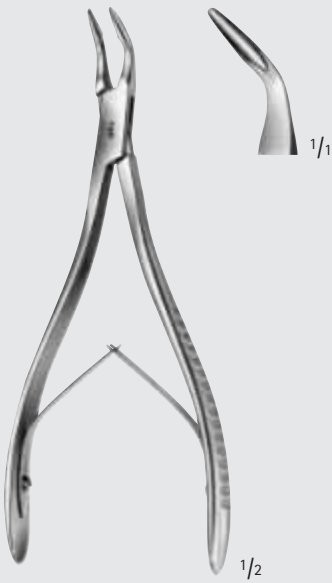


Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs

FO



FO413R

150 mm, 6"



FO410R

140 mm, 5 1/2"



LUER

FO411R

150 mm, 6"



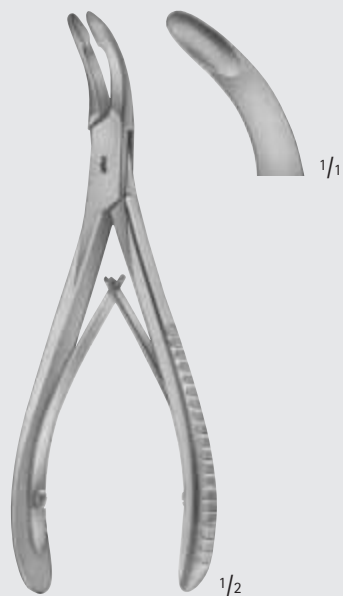
MILLIMETERS

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­meißel­zangen

Bone Rongeurs

FO



LUER

FO412R

155 mm, 6"



BLUMENTHAL

FO415R

155 mm, 6"



BLUMENTHAL

FO416R

150 mm, 6"



HAKANSSON

FO428R

170 mm, 6 3/4"



JANSEN

FO430R-FO432R

175 mm, 7"



BANE-HARTMANN

FO457R

175 mm, 7"



Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­meißel­zangen

Bone Rongeurs

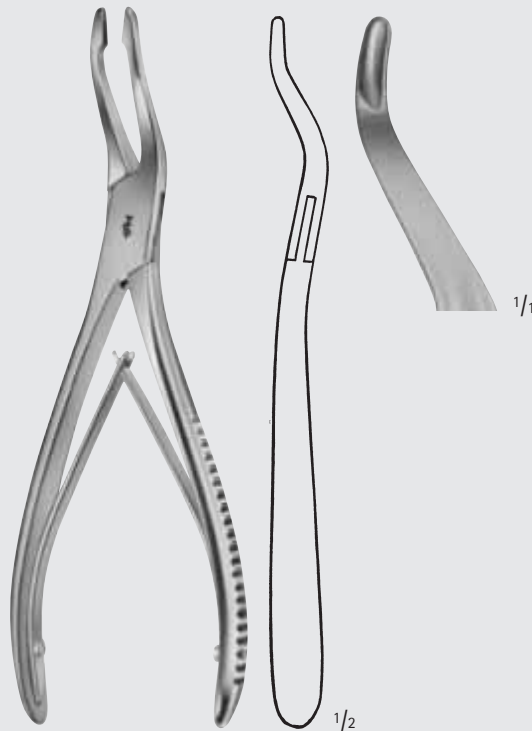
FO



ALEXANDER

FO440R

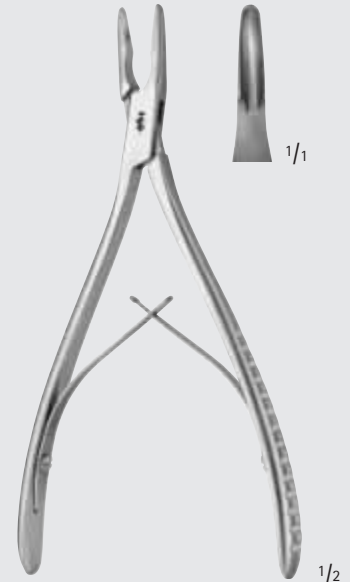
140 mm, 5 1/2"



JANSEN

FO442R

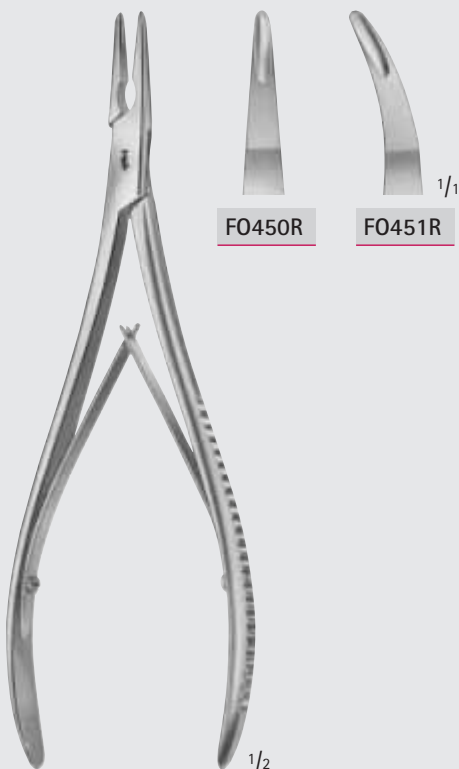
190 mm, 7 1/2"



LEMPERT

MD617

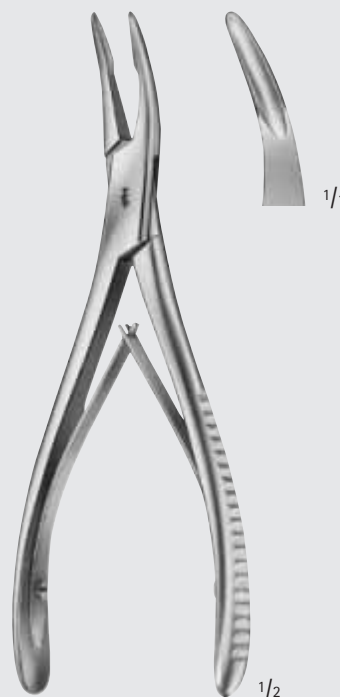
165 mm, 6 1/2"



LEMPERT

FO450R-FO451R

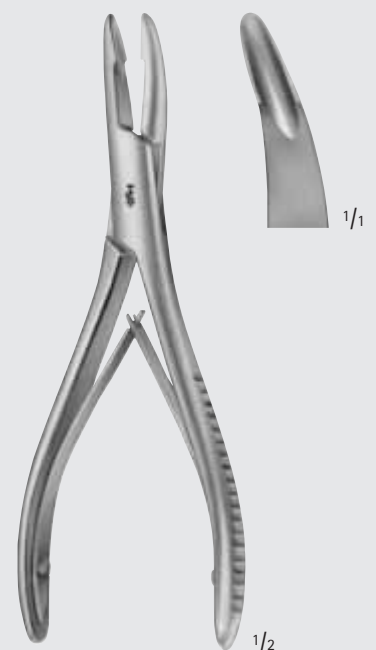
200 mm, 8"



BEYER

FO453R

180 mm, 7"



MEAD

FO455R

165 mm, 6 1/2"

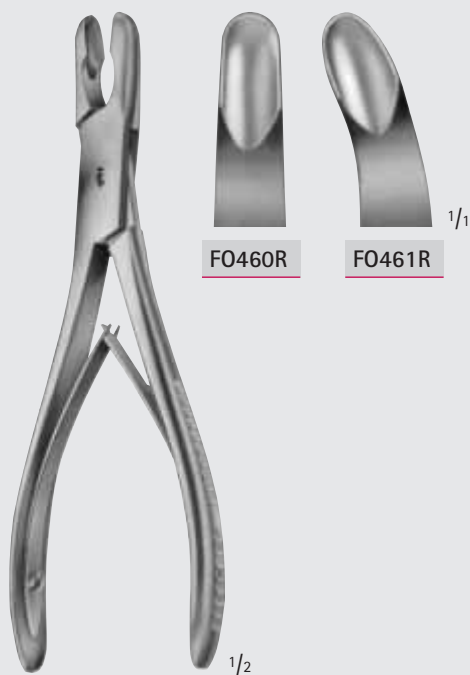


Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­meißel­zangen

Bone Rongeurs

FO



FO460R

FO461R

1/1

1/2

LUER

FO460R-FO461R

175 mm, 7"



1/1

1/2

LUER

FO462R

180 mm, 7"



1/1

1/2

LUER

FO463R

180 mm, 7"



1/1

1/2

OLIVECRONA

FO470R

205 mm, 8"



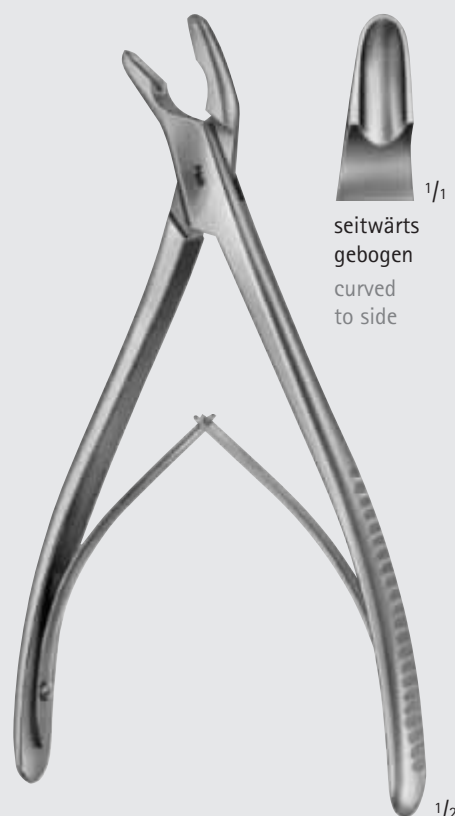
1/1

1/2

GULEKE

FO472R

205 mm, 8"



1/1

1/2

seitwärts
gebogen
curved
to side

TROTTER

FO467R

205 mm, 8"

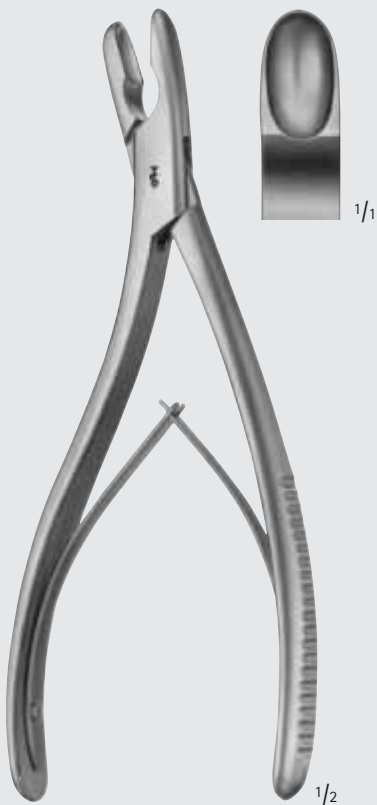


Knochenhalte­zangen, Hohl­mei­ßel­zangen – Bone Holding Forceps, Bone Rongeurs

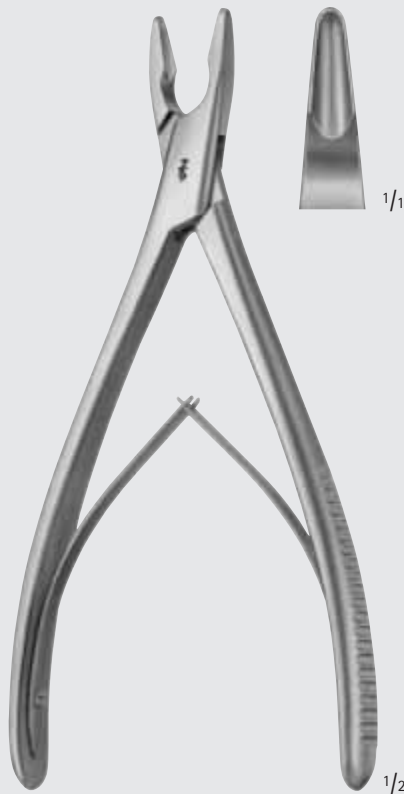
Hohl­mei­ßel­zangen

Bone Rongeurs

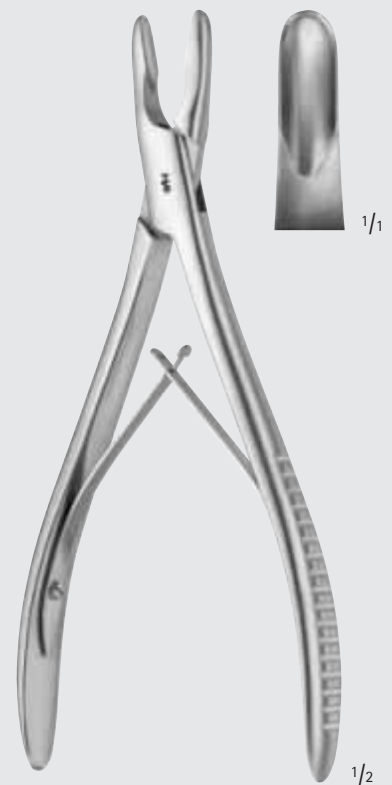
FO



NORTHFIELD
FO474R
210 mm, 8 1/4"



PENNYBACKER
FO475R
205 mm, 8"



ADSON
MD615
200 mm, 8"



MILLIMETERS

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­meißel­zangen

Bone Rongeurs

FO



BÖHLER

FO500R-FO502R

155 mm, 6"



MAYFIELD

FO511R

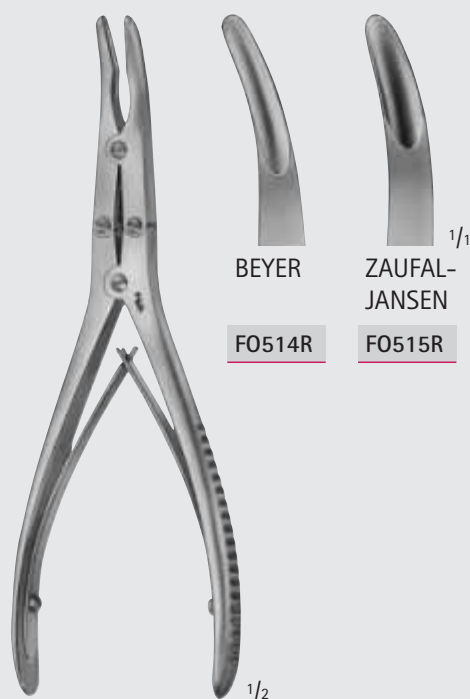
175 mm, 7"



MARQUARDT

FO520R

200 mm, 8"



BEYER

FO514R

ZAUFAL-
JANSEN

FO515R

FO514R-FO515R

180 mm, 7"



RUSKIN

FO518R

190 mm, 7 1/2"



RÖTTGEN-RUSKIN

FO521R

240 mm, 9 1/2"

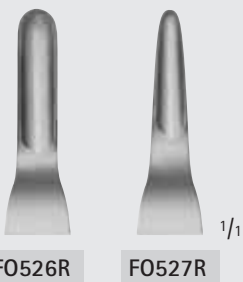


Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­meißel­zangen

Bone Rongeurs

FO



FO526R

FO527R

1/1

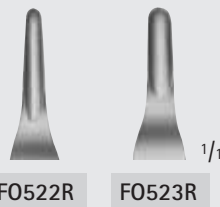


1/2

LEKSELL

FO526R-FO527R

245 mm, 9 3/4"



FO522R

FO523R

1/1



1/2

ECHLIN

FO522R-FO523R

230 mm, 9"



1/2

FRYKHOLM

FO525R

240 mm, 9 1/2"



MILLIMETERS

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­meißel­zangen

Bone Rongeurs

FO



STILLE

FO530R

235 mm, 9 1/4"



LEKSELL-STILLE

FO532R

240 mm, 9 1/2"



STILLE-RUSKIN

FO534R

240 mm, 9 1/2"

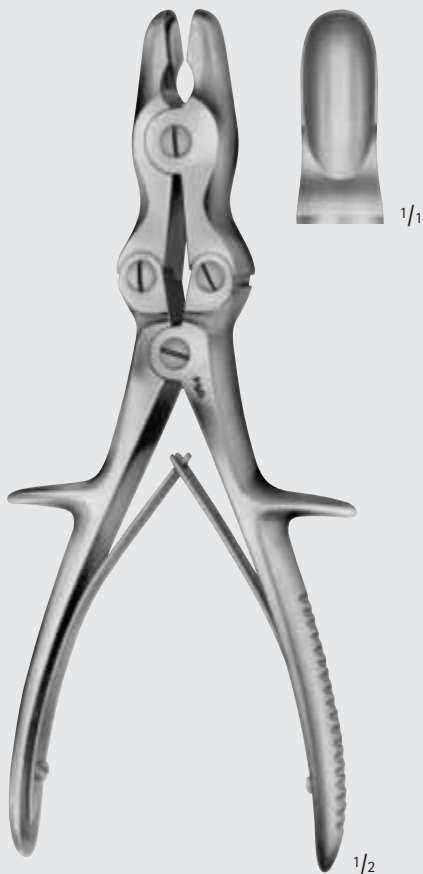


Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs

FO



LUER-STILLE

FO550R

225 mm, 9"



LUER-STILLE

FO551R

225 mm, 9"



SYPERT

FG052R

360 mm, 14 1/2"



Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs

FO



LUER-STILLE

FO566R

270 mm, 10 3/4"



SEMB

FO555R

240 mm, 9 1/2"



Knochenhalte­zangen, Hohl­mei­ßel­zangen – Bone Holding Forceps, Bone Rongeurs

Hohl­mei­ßel­zangen

Bone Rongeurs

FO



1/2



FO570R



FO572R

1/1

SAUERBRUCH-CORYLLOS

FO570R-FO572R

310 mm, 12 3/8"



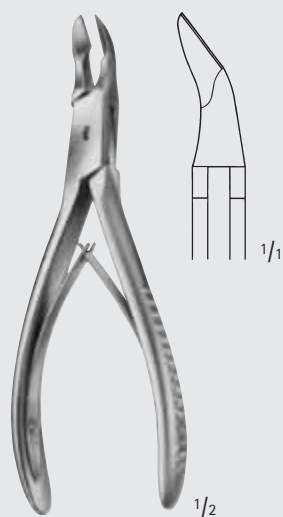
MILLIMETERS

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitter­zangen

Bone Cutting Forceps

FO



FO601R

130 mm, 5 1/8"



STAMM

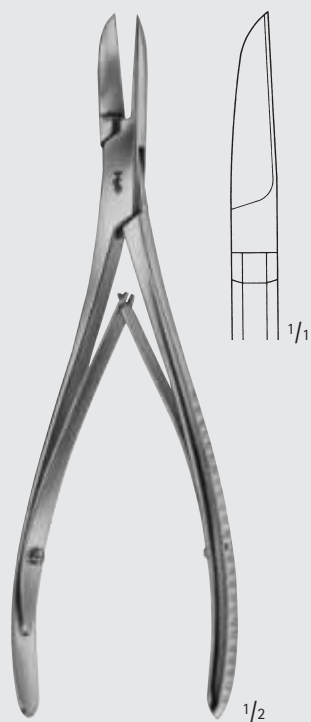
FO604R

150 mm, 6"



FO602R

170 mm, 6 3/4"



KAZANJIAN

OK378R

185 mm, 7 1/2"



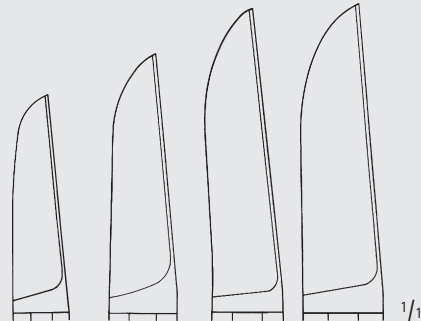
Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs Knochensplitterzangen Bone Cutting Forceps

FO



LISTON

FO620R-FO626R

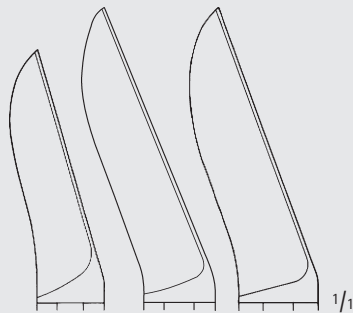


FO620R	FO622R	FO624R	FO626R
140 mm	170 mm	200 mm	220 mm
5 1/2"	6 3/4"	8"	8 3/4"



LISTON

FO632R-FO636R



FO632R	FO634R	FO636R
170 mm	200 mm	220 mm
6 3/4"	8"	8 3/4"



Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitter­zangen

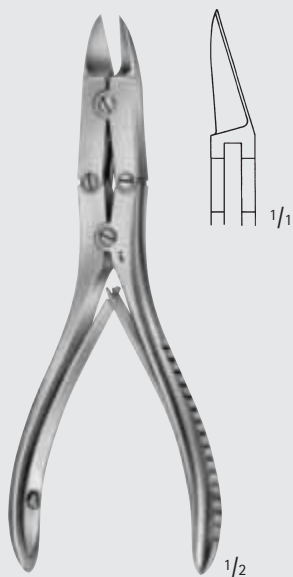
Bone Cutting Forceps



BÖHLER

FO610R

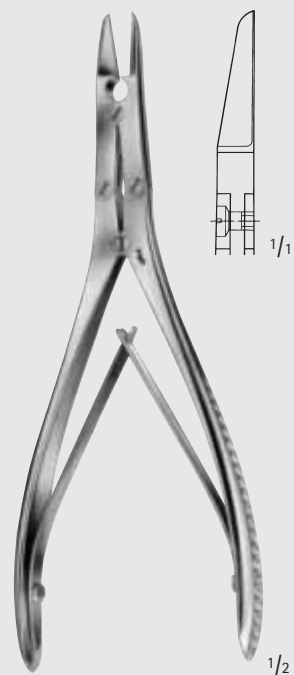
145 mm, 5 3/4"



BÖHLER

FO611R

145 mm, 5 3/4"



FO612R

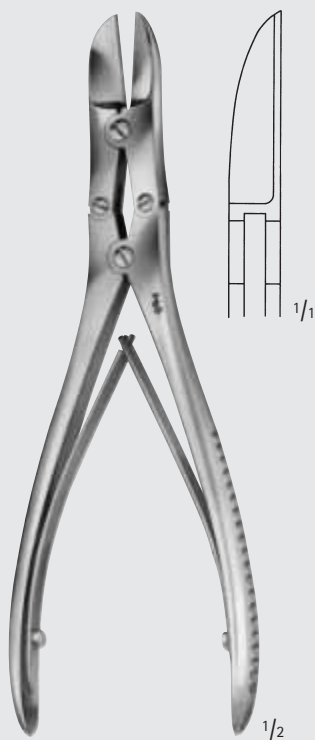
170 mm, 6 3/4"



MC INDOE

FO614R

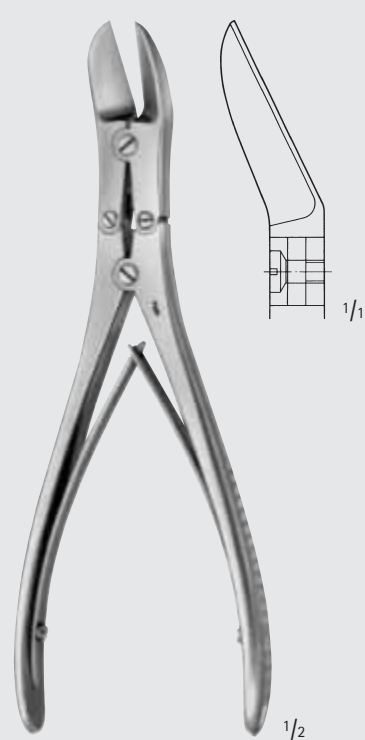
175 mm, 7"



RUSKIN-LISTON

FO640R

190 mm, 7 1/2"



RUSKIN-LISTON

FO641R

190 mm, 7 1/2"

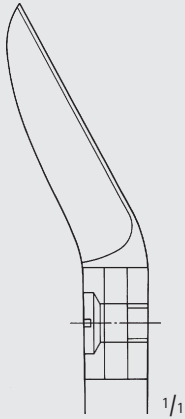
FO



Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitter­zangen Bone Cutting Forceps

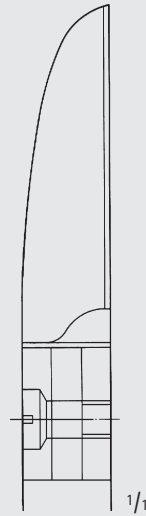
FO



LISTON

FO645R

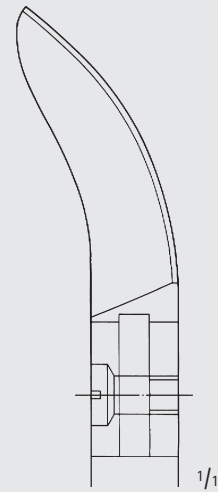
aufgebogen
curved on flat
240 mm, 9 1/2"



LISTON

FO646R

gerade
straight
280 mm, 11"



LISTON

FO647R

aufgebogen
curved on flat
280 mm, 11"



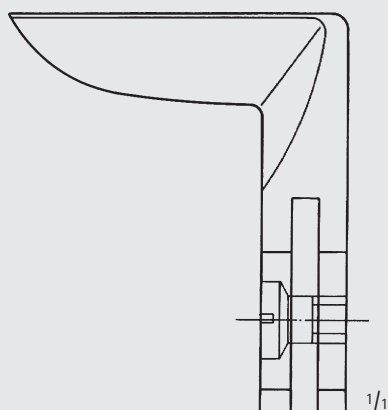
MILLIMETERS

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

Bone Cutting Forceps

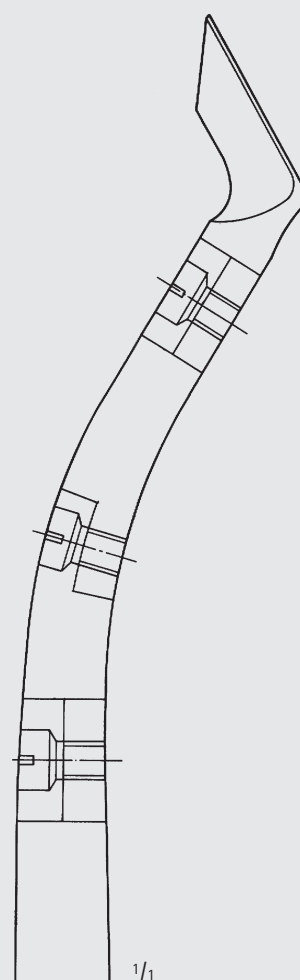
FO



LISTON-STILLE

FO648R

265 mm, 10 1/2"



LISTON-KEY-HORSLEY
(TUDOR EDWARDS)

FO649R

255 mm, 10"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Meniskus- und Knorpelzangen

Meniscus- and Cartilage Forceps

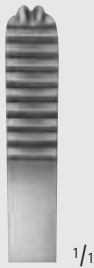
FO



BIRCHER
FO800R
200 mm, 8"



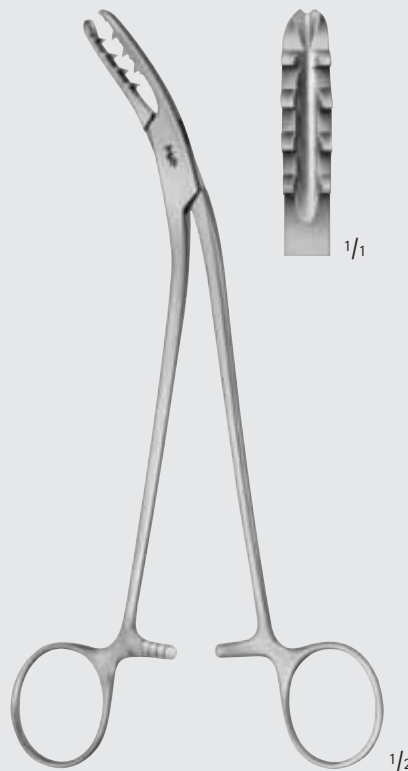
BIRCHER
FO801R
200 mm, 8"



WELLER
FO807R
200 mm, 8"



BIRCHER-GANSKE
FO808R
200 mm, 8"



BIRCHER-GANSKE
FO810R
200 mm, 8"



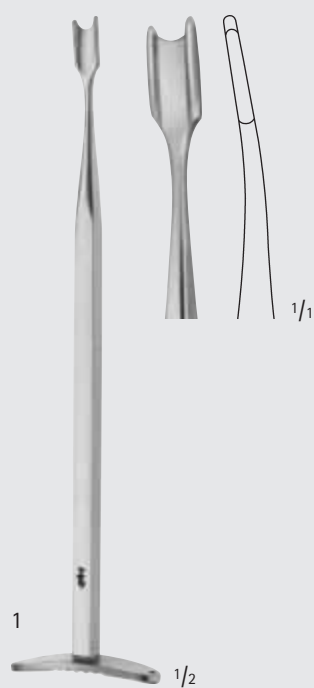
MARTIN
FO816R
205 mm, 8"

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

Meniskus­messer

Meniscus Knives

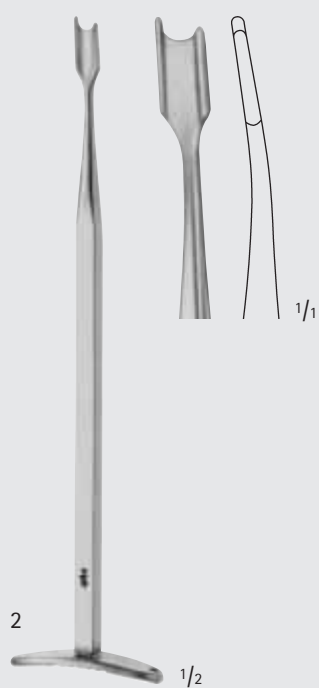
FO



SMILLIE

FO855R

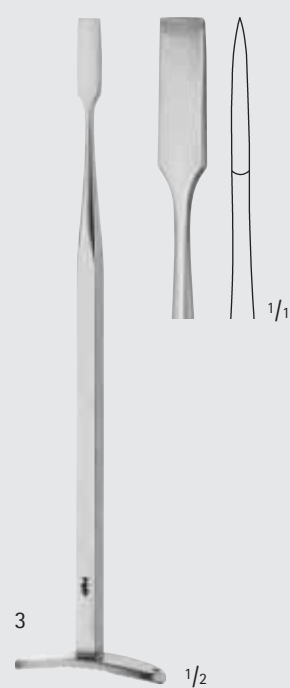
170 mm, 6 3/4"



SMILLIE

FO856R

170 mm, 6 3/4"



SMILLIE

FO857R

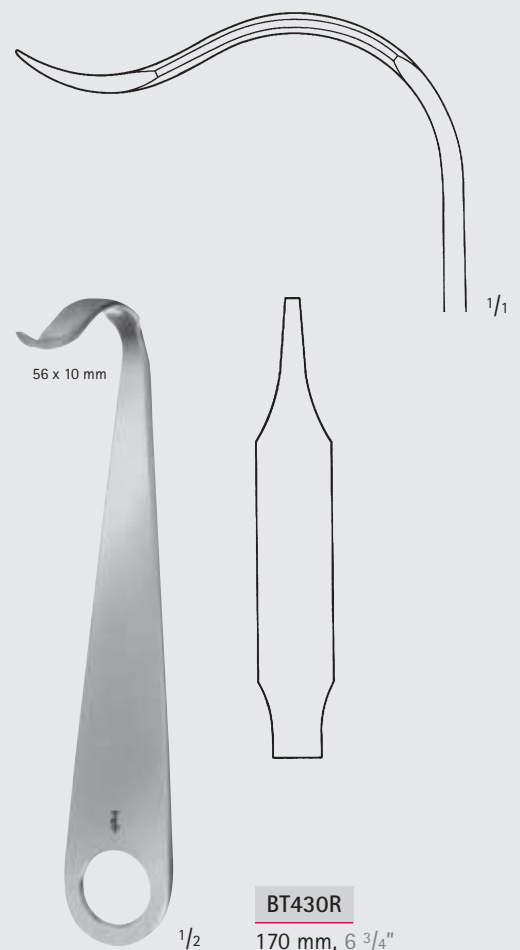
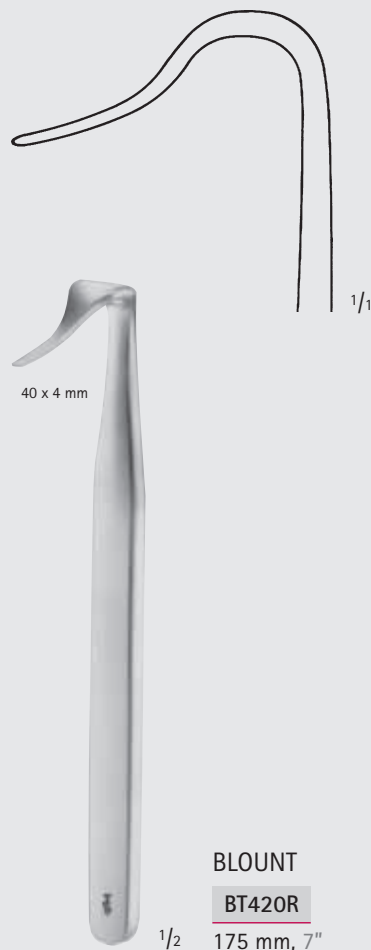
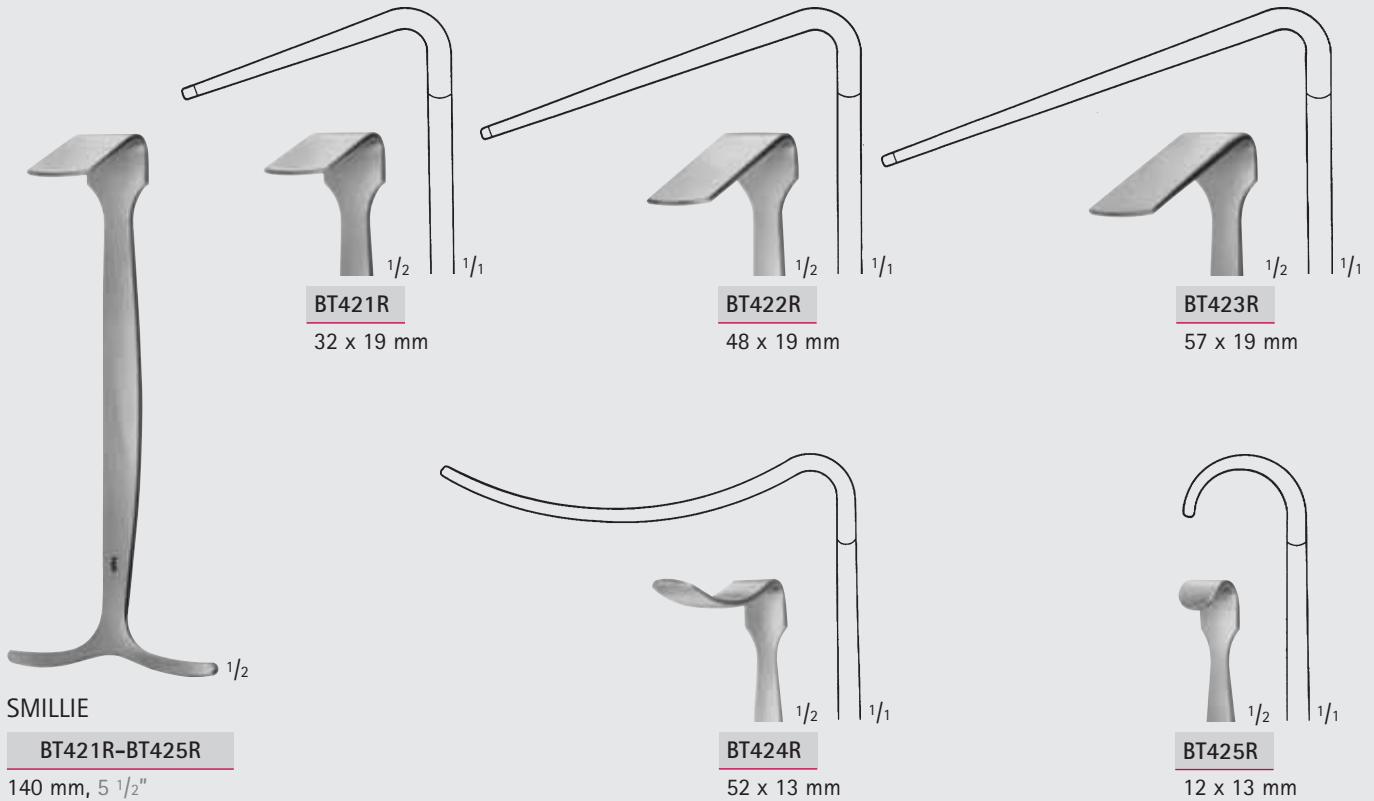
170 mm, 6 3/4"



Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Wund- und Meniskushaken Retractors and Knee Retractors

FO



Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Sehnenstripper

Tendon Strippers

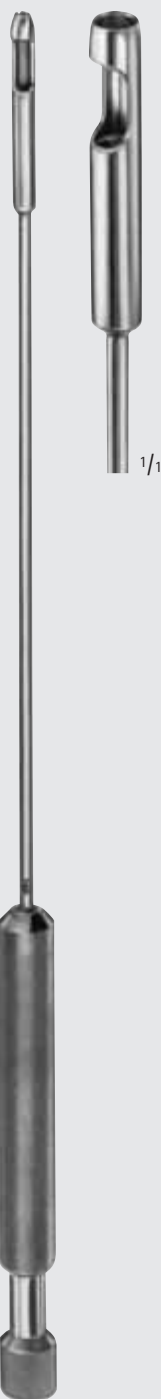
FO



Ø
diam.

FO923R 3 mm

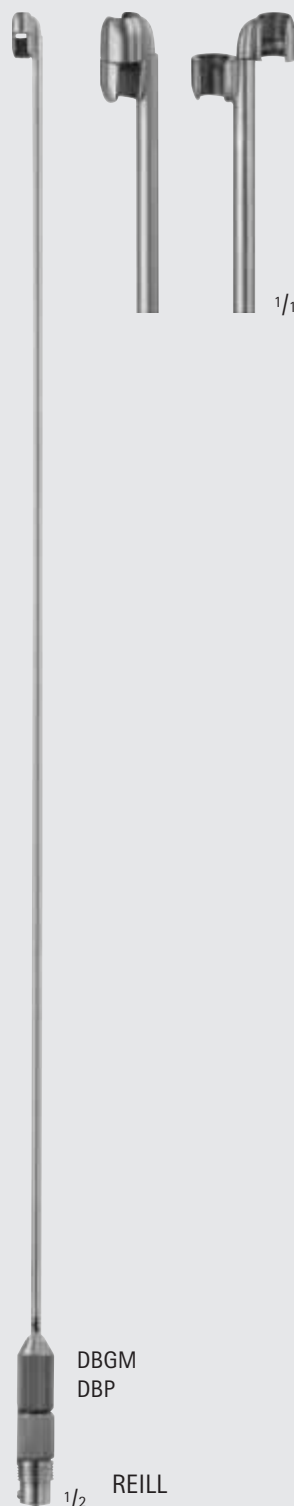
Sehnenstripper
Schaftlänge: 190 mm
Tendon stripper
Shaft length: 7 1/2"
300 mm, 11 1/2"



Ø
diam.

FO925R 5 mm

Sehnenstripper
Schaftlänge: 390 mm
Tendon stripper
Shaft length: 15 1/3"
495 mm, 19 1/2"



DBGM
DBP

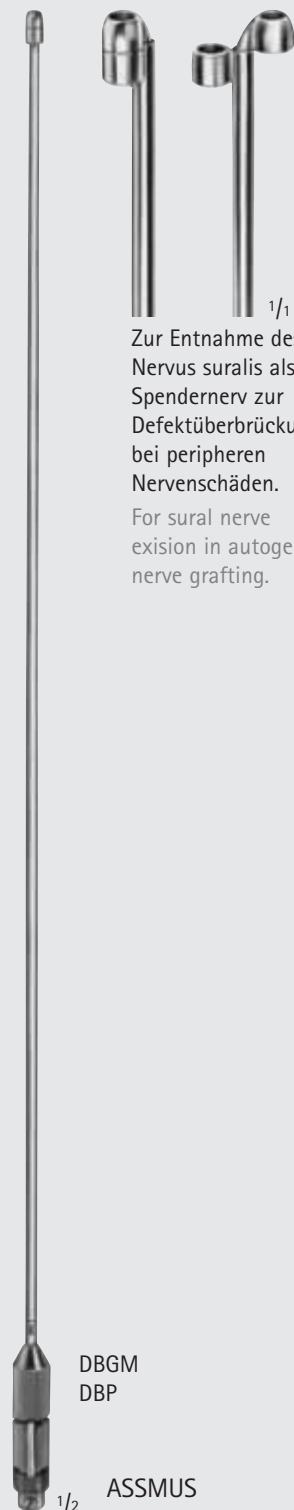
REILL

Ø
diam.

FO928R 4 mm

FO930R 6 mm

Sehnenstripper
Schaftlänge: 350 mm
Tendon stripper
Shaft length: 13 3/4"
395 mm, 15 1/2"



DBGM
DBP

ASSMUS

Ø
diam.

FD610R 3 mm

Nervenstripper, stumpf
Schaftlänge: 350 mm
Nerve stripper, blunt
Shaft length: 13 3/4"
395 mm, 15 1/2"

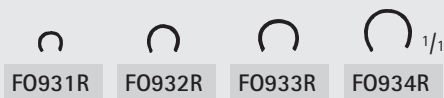
Zur Entnahme des
Nervus suralis als
Spender nerv zur
Defektüberbrückung
bei peripheren
Nervenschäden.

For sural nerve
exision in autogenous
nerve grafting.



Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Schennenstripper Tendon Strippers



F0931R

F0932R

F0933R

F0934R



1/2

BRUNNELL

Ø
diam.

F0931R	2 mm
F0932R	3 mm
F0933R	4 mm
F0934R	6 mm

135 mm, 5 1/4"



F0935R

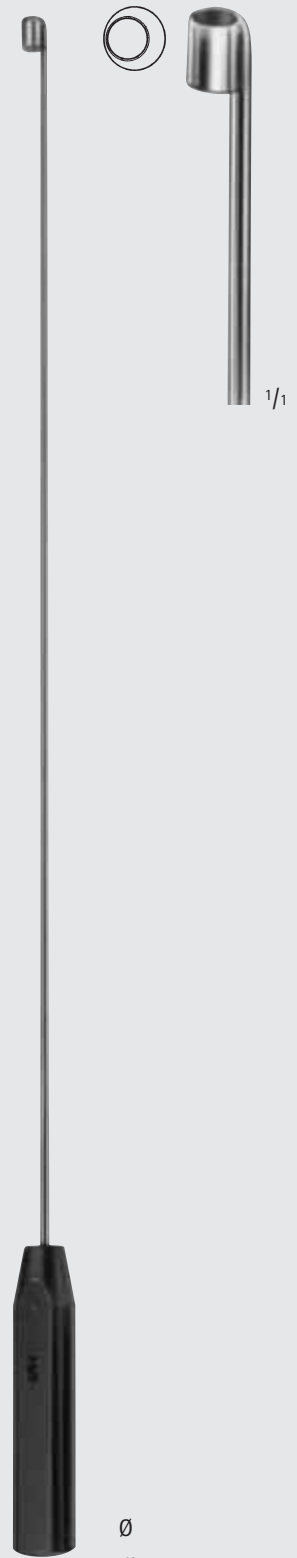
F0937R

1/2

Ø
diam.

F0935R	3 mm
F0937R	5 mm

300 mm, 12"



F0939R

500 mm, 19 1/2"

Ø
diam.

FO



MILLIMETERS

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Sehnedurchziehsonden

Tendon Passing Probes

FO



1/2

BUNNELL

FO940R

230 mm, 9"



1/2

Knopf-Ø
diam. of tip

BN034R 2,5 mm

145 mm, 5 3/4"



1/2

Knopf-Ø
diam. of tip

BN036R 2,5 mm

160 mm, 6 1/4"



1/2

Knopf-Ø
diam. of tip

BN040R 3,0 mm

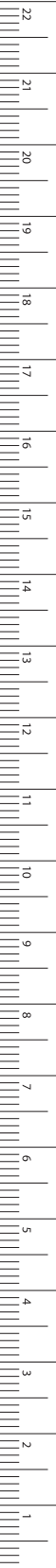
200 mm, 8"

Knochenhalte­zangen, Hohl­meißel­zangen – Bone Holding Forceps, Bone Rongeurs

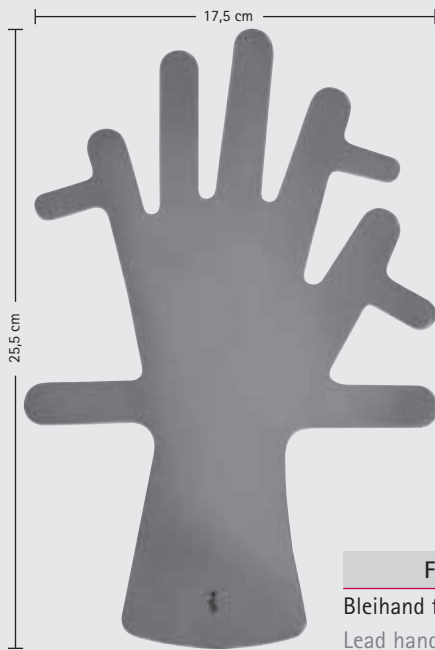
Bleihände, Handfixierplatte

Lead Hands, Hand Fixation Plate

FO



MILLIMETERS



F0919

Bleihand für Kinder
Lead hand for children



F0920

Bleihand für Erwachsene
Lead hand for adults



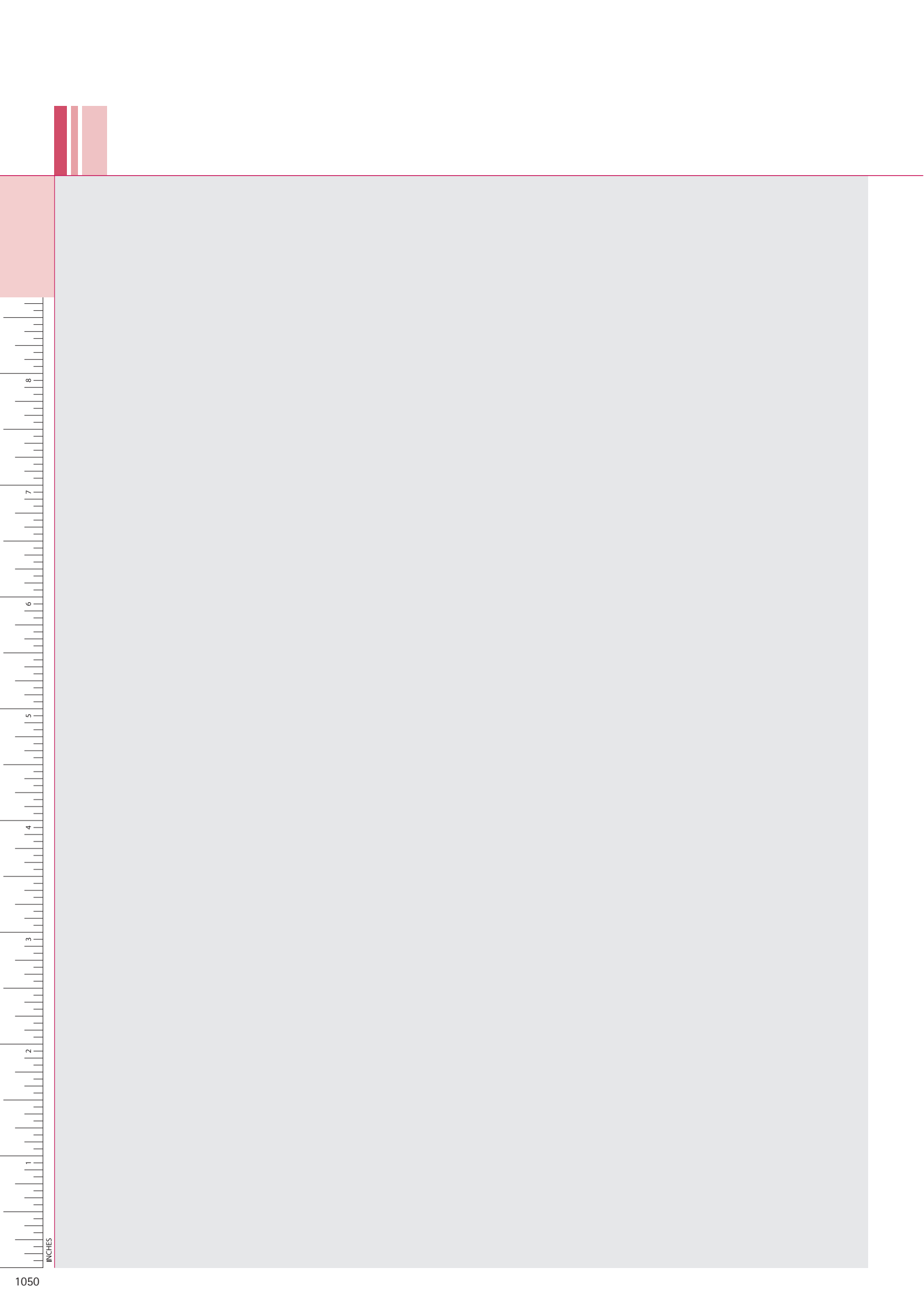
F0912R

Handfixierplatte komplett
mit 5 Fingerklammern
Hand fixation plate complete
with 5 finger clips



F0913R

Fingerklammer zu F0912R
Fingerclip for F0912R





LX



**Drahtextension, Handbohrapparate,
Ahlen, Pfrieme**
Wire Extension, Hand Drills, Awls

Drahtextension – Wire extension

Handbohrapparat

Hand Drill



FF057R

Verlängerungsstück allein
Extension piece only

FF056R

Bogen allein
Brace only

HUDSON

FF055R

Handbohrapparat komplett,
bestehend aus:

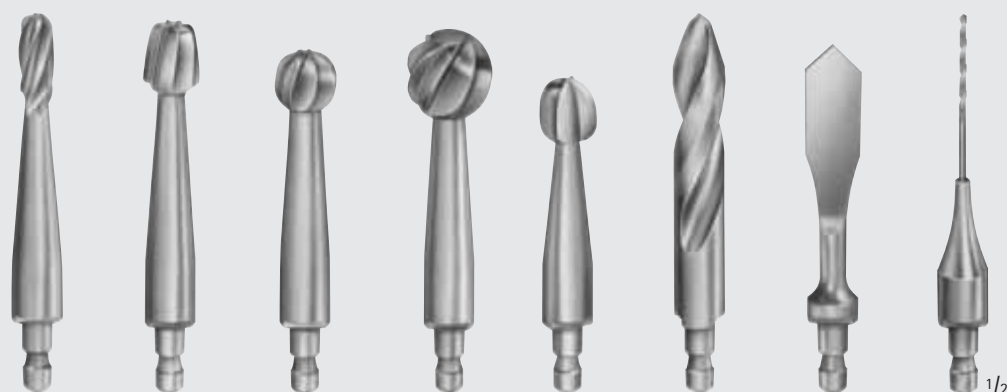
- FF056R Bogen
- FF057R Verlängerungsstück
- FF061R Fräser
- FF062R Fräser
- FF063R Fräser
- FF064R Fräser

Hand drill complete,
consisting of:

- FF056R Brace
- FF057R Extension piece
- FF061R Burr
- FF062R Burr
- FF063R Burr
- FF064R Burr

Bohrer und Fräser auf dieser Seite passen auf FF056R und FF057R.
Achtung: Nicht passend für den Handbohrapparat HUDSON DOWNS
auf Seite 1053.

Perforators and burrs on this page fit onto FF056R and FF057R.
Attention: Does not fit onto the hand drill HUDSON DOWNS
on page 1053.



HUDSON

FF061R

Ø 9 mm

HUDSON

FF062R

Ø 14 mm

HUDSON

FF063R

Ø 16 mm

HUDSON

FF064R

Ø 22 mm

ADSON

FF065R

Ø 15 mm

MC KENZIE

FF066R

Ø 13 mm

CUSHING

FF067R

Ø 14 mm

FF068R

Ø 2 mm



Drahtextension – Wire extension

Handbohrapparat
Hand Drill



HUDSON DOWNS

FF052R

Bogen
Brace



HUDSON DOWNS

FF053R

Verlängerungsstück
Extension piece



HUDSON DOWNS

FF031R

Ø 10 mm



HUDSON DOWNS

FF032R

Ø 12 mm



HUDSON DOWNS

FF033R

Ø 15 mm



HUDSON DOWNS (LEWIS)

FF034R

Ø 10 mm



HUDSON DOWNS (LEWIS)

FF035R

Ø 12 mm



HUDSON DOWNS (LEWIS)

FF036R

Ø 15 mm

Bohrer und Fräser auf dieser Seite passen auf FF052R und FF053R.
Achtung: Nicht passend für den Handbohrapparat HUDSON auf Seite 1052.

Perforators and burrs on this page fit FF052R and FF053R.
Attention: Does not fit onto the hand drill HUDSON on page 1052.



HUDSON DOWNS

FF037R

Ø 11 mm



HUDSON DOWNS

FF038R

Ø 13 mm



HUDSON DOWNS

FF039R

Ø 16 mm



HUDSON DOWNS

FF040R

Ø 11 mm



HUDSON DOWNS

FF041R

Ø 13 mm



HUDSON DOWNS

FF042R

Ø 16 mm



HUDSON DOWNS

FF043R

Ø 19 mm



HUDSON DOWNS

FF044R

Ø 22 mm



MC KENZIE

FF048R

Ø 16 mm



MC KENZIE

FF047R

Ø 16 mm

X7



Drahtextension – Wire extension

Handbohrapparate, Spiralbohrer

Hand Drills, Twist Drills



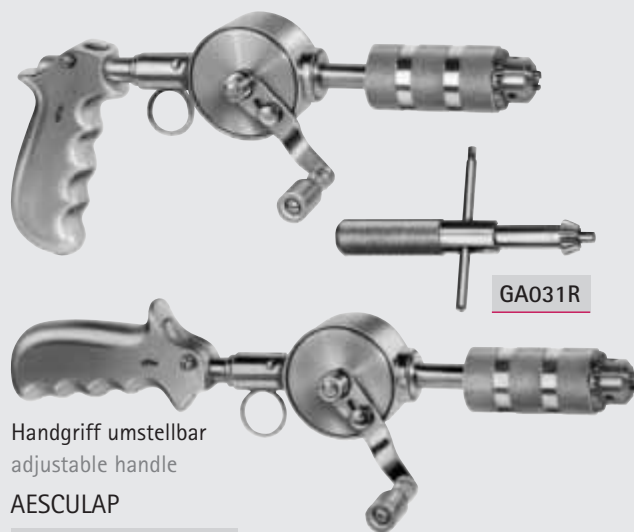
BUNNELL

FR005R

Bohrapparat, kleines Modell, längsdurchbohrt, für Spickdrähte, mit 3-Backen-Spannfutter für Schäfte bis Ø 4,0 mm.

Small hand drill, cannulated for KIRSCHNER wires, with 3-jaw chuck, to fit any size of shanks up to 4.0 mm diameter

160 mm, 6 1/4"



Handgriff umstellbar
adjustable handle

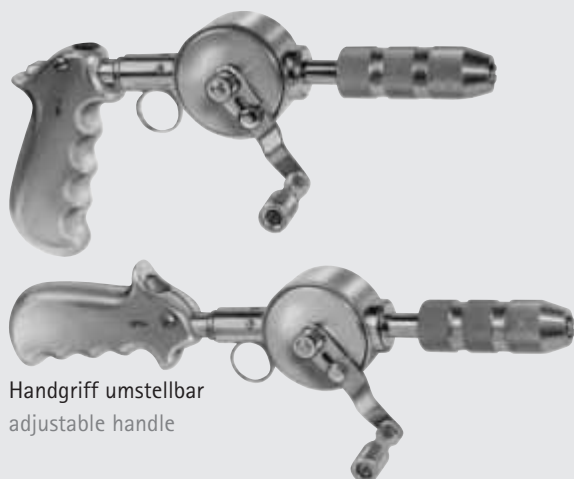
AESCULAP

FR011R

Handbohrapparat, wie FR010R, jedoch mit Original "Jacobs Chuck" (3-Backen-Spannfutter) und Spannschlüssel GA031R, Bedienung mit und ohne Spannschlüssel möglich.

Hand drill, stainless, as FR010R, but equipped with an original "Jacobs Chuck" and key GA031R. Can be used with or without the key.

280 mm, 11"



Handgriff umstellbar
adjustable handle

AESCULAP

FR010R

Handbohrapparat, nichtrostend, mit schlüssellosem 3-Backen-Spannfutter für Schäfte bis Ø 6,35 mm.

Spindel ist längsdurchbohrt zum Einspannen von Bohrdrähten n. KIRSCHNER. Mit Stoppvorrichtung für Kurbel während dem Spannen.

Hand drill, stainless, with 3-jaw chuck, to fit any size of shanks up to 6.35 mm diameter, no key needed. Cannulated spindle to fit KIRSCHNER wire drills. With stop device, for locking the spindle and crank when fitting and changing drills.

260 mm, 10 1/4"



Ø diam	3-Kant-Schaft Triangular shaft	Länge* mm Length* mm	Rundschaft Round shaft	Länge* mm Length* mm
1,0 mm				
1,5 mm			GC002R	70/40 mm
2,0 mm			GC004R	100/50 mm
2,5 mm	GC391R	175/135 mm	GC006R	100/50 mm
2,8 mm			GC007R	100/50 mm
3,0 mm			GC008R	100/60 mm
3,2 mm			GC009R	100/60 mm
3,5 mm	GC395R	210/170 mm	GC010R	100/60 mm
4,0 mm			GC012R	110/70 mm
4,5 mm	GC397R	210/170 mm	GC013R	150/80 mm
5,0 mm			GC014R	160/90 mm
6,0 mm			GC016R	160/90 mm

*Gesamtlänge/Nutzlänge

*Total length/Usable length

LX



Drahtextension – Wire extension

Knochenbohrer, Ahlen

Bone Drills, Awls

X7



CHAMPIONNIÈRE

FR110R

Knochenbohrer

Bone drill

170 mm, 6 ³/₄"

1/2



FR118R

Reibahle

Reamer (Awl)

150 mm, 6"

1/2



1/2

FR120R

Reibahle

Reamer (Awl)

180 mm, 7"



1/2

PERTHES

FR125R

Reibahle

Reamer (Awl)

215 mm, 8 ¹/₂"



MILLIMETERS

Drahtension – Wire extension

Unterbindungsnadeln

Ligature Needles

LX



OBWEGESER

DO811R

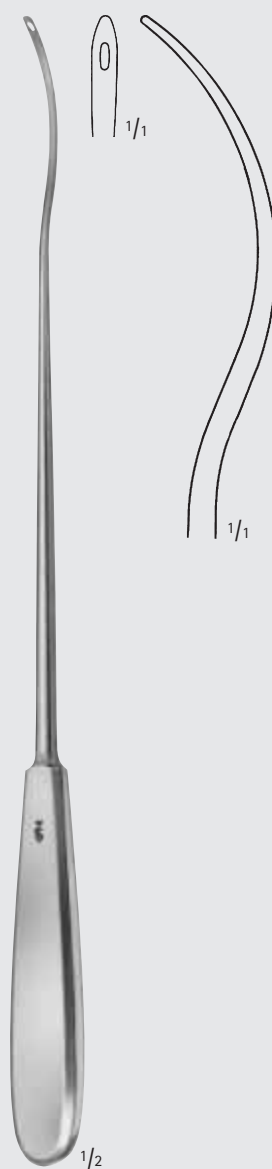
230 mm, 9"



OBWEGESER

DO812R

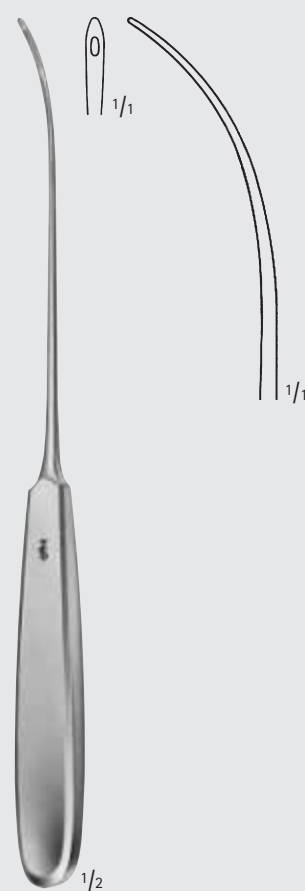
195 mm, 7 3/4"



BRUNNER

BM831R

300 mm, 12"



BM861R

biegsam
malleable
230 mm, 9"



Drahtextension – Wire extension

Biopsie-Instrumente

Biopsy Instruments

Auch sehr gut geeignet zum Freilegen von abgebrochenen Knochenschrauben.
Can also be used for removal of broken bone screws.



FR140R

Innen-Ø 3,9 mm
Außen-Ø 5 mm
inside-diam. 3.9 mm
outside-diam. 5 mm



FR141R

Innen-Ø 6,4 mm
Außen-Ø 8 mm
inside-diam. 6.4 mm
outside-diam. 8 mm

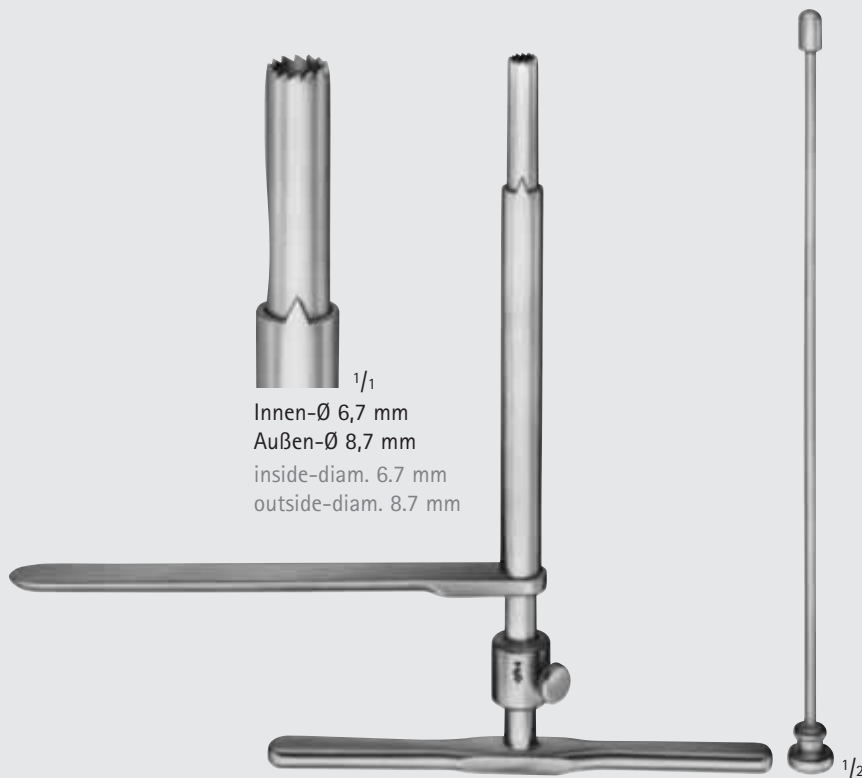
FR140R-FR141R

Knochenbiopsie-Instrument
Hollow mills (bone biopsy trephine)
160 mm, 6 1/4"



1/1

Innen-Ø 6,7 mm
Außen-Ø 8,7 mm
inside-diam. 6.7 mm
outside-diam. 8.7 mm



R.N.O.H.

FR142R

Knochenbiopsie-Instrument
Bone biopsy trephine
195 mm, 7 3/4"

X7



MILLIMETERS

Drahtextension – Wire extension

Drahtextension

Wire Extension

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443
bzw. ISO 5832/I (AISI 316 L)

Material used for implants: stainless steel acc. to DIN 17 443
resp. ISO 5832/I (AISI 316 L)

mit beidseitiger
Trokarspitze
with trocar point
on each end

KIRSCHNER

LX901S-LX957S

Ø	102 mm	127 mm	152 mm	229 mm	305 mm
diam.	4"	5"	6"	9"	12"
0,8 mm	LX901S	LX902S			
0,9 mm	LX911S	LX912S	LX913S	LX915S	LX917S
1,0 mm					
1,1 mm	LX921S	LX922S	LX923S	LX925S	LX927S
1,2 mm					
1,4 mm					
1,5 mm					
1,6 mm	LX951S	LX952S	LX953S	LX955S	LX957S
1,7 mm					
1,8 mm					
2,0 mm					
2,2 mm					
2,5 mm					
3,0 mm					

mit Trokarspitze
with trocar point

mit flachem Ende
with flat shaft

KIRSCHNER

LX008S-LX025S

310 mm, 12"

Ø	
diam.	
0,8 mm	LX008S
0,9 mm	
1,0 mm	LX010S
1,1 mm	
1,2 mm	LX012S
1,4 mm	LX014S
1,5 mm	LX015S
1,6 mm	LX016S
1,7 mm	LX017S
1,8 mm	LX018S
2,0 mm	LX020S
2,2 mm	LX022S
2,5 mm	LX025S
3,0 mm	

mit Trokarspitze
with trocar point

mit rundem Ende
with round shaft

KIRSCHNER

LX030S-LX047S

Form nach DIN 58 823
Type acc. to DIN 58 823
310 mm, 12"

Ø	
diam.	
0,8 mm	LX030S
0,9 mm	
1,0 mm	
1,1 mm	
1,2 mm	LX032S
1,4 mm	LX034S
1,5 mm	LX035S
1,6 mm	LX036S
1,7 mm	
1,8 mm	LX038S
2,0 mm	LX040S
2,2 mm	LX042S
2,5 mm	LX045S
3,0 mm	LX047S

Bestelleinheit: PAK = Packung à 10 Stück
Sales unit: Package of 10 pieces



Drahtextension – Wire extension

Drahtextension

Wire Extension

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443
bzw. ISO 5832/I (AISI 316 L)

Material used for implants: stainless steel acc. to DIN 17 443
resp. ISO 5832/I (AISI 316 L)

mit Trokarspitze
with trocar point



mit rundem Ende
with round shaft



KIRSCHNER

LX098S-LX100S

70 mm, 2 3/4"

Ø diam.	
0,8 mm	LX098S
1,0 mm	LX100S
1,2 mm	
1,4 mm	
1,5 mm	
1,6 mm	
1,7 mm	
1,8 mm	
2,0 mm	
2,2 mm	
2,5 mm	
3,0 mm	

mit Trokarspitze
with trocar point



mit flachem Ende
with flat shaft



KIRSCHNER

LX108S-LX125S

Form nach DIN 58 823
Type acc. to DIN 58 823
150 mm, 6"

Ø diam.	
0,8 mm	LX108S
1,0 mm	LX110S
1,2 mm	LX112S
1,4 mm	LX114S
1,5 mm	LX115S
1,6 mm	LX116S
1,7 mm	LX117S
1,8 mm	LX118S
2,0 mm	LX120S
2,2 mm	LX122S
2,5 mm	LX125S
3,0 mm	

mit Trokarspitze
with trocar point



mit rundem Ende
with round shaft



KIRSCHNER

LX128S-LX146S

Form nach DIN 58 823
Type acc. to DIN 58 823
150 mm, 6"

Ø diam.	
0,8 mm	LX128S
1,0 mm	LX130S
1,2 mm	LX132S
1,4 mm	LX134S
1,5 mm	LX135S
1,6 mm	LX136S
1,7 mm	LX137S
1,8 mm	LX138S
2,0 mm	LX140S
2,2 mm	LX142S
2,5 mm	LX145S
3,0 mm	LX146S

Biegeinstrumente
für Bohrdrähte
Bending iron for
boring wires

Dampfsterilisierbar
bis 143 °C (3 bar)
Can be sterilized
in a steam sterili-
zer up to 143 °C
(3 bar)



1/2

LX175S

bis Ø 2,7 mm
up to 2.7 mm
diam.
120 mm, 4 3/4"

WAGNER

LX180S

bis Ø 3,0 mm
up to 3.0 mm
diam.
300 mm, 12"

X7



Bestelleinheit: PAK = Packung à 10 Stück
Sales unit: Package of 10 pieces



LX002R 170 x 92 x 25 mm

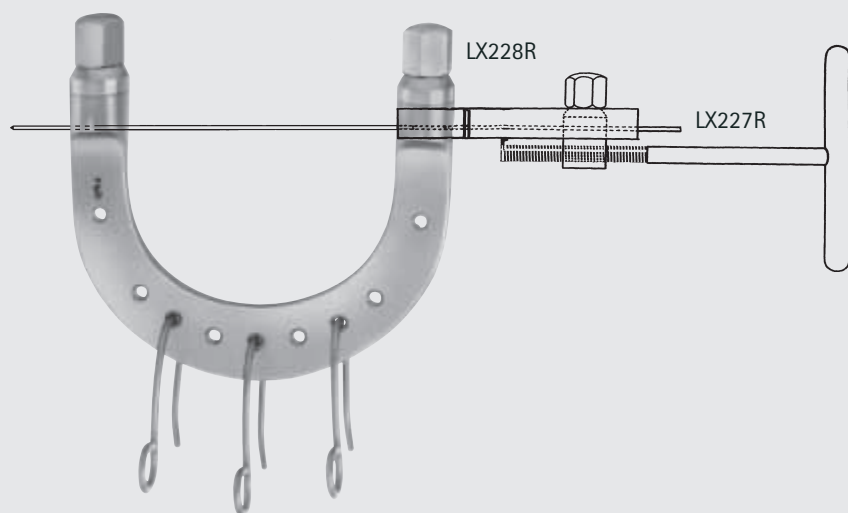
Sortiergestell für Fingerdrähte bis max. 165 mm Länge,
mit Kontroll-Lehre und Unterteilungen für Drähte mit
1,0 - 1,2 - 1,4 - 1,6 - 1,8 und 2,0 mm Ø.
Sterilizing rack for finger wires up to max. 165 mm long,
with measuring scale and compartments for wires with
1.0, 1.2, 1.4, 1.6, 1.8 and 2.0 mm diam.

Drahtextension – Wire extension

Drahtextension

Wire Extension

SW17



KIRSCHNER

LX211R-LX218R

Extensionsbügel, zur Verwendung mit KIRSCHNER-Drähten bis Ø 2,5 mm, mit 3 Zughaken, aus nichtrostendem Stahl
Wire traction bows, to be used with KIRSCHNER-wires up to 2.5 mm diam., with 3 hooks, stainless steel

Lichte Maße
Inside dimensions

Weite
Width

Tiefe
Depth

LX211R	200 mm, 8"	155 mm, 6"	für die Hüfte	for the hip
LX212R	155 mm, 6"	155 mm, 6"	für den Oberschenkel	for the femur
LX213R	135 mm, 5 1/4"	130 mm, 5 1/8"	für das Knie	for the knee
LX214R	120 mm, 4 3/4"	120 mm, 4 3/4"	für das Knie	for the knee
LX215R	105 mm, 4 1/8"	100 mm, 4"	für das Knie	for the knee
LX216R	95 mm, 3 3/4"	110 mm, 4 3/8"	für das Fersenbein	for the calcaneus
LX218R	95 mm, 3 3/4"	70 mm, 2 3/4"	für den Arm und Ellenbogen	for the arm and elbow

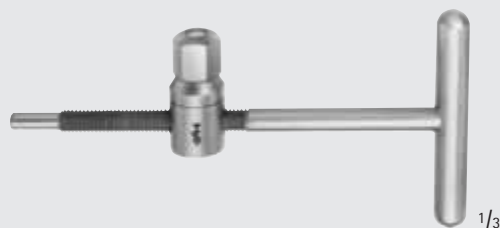
SW17

SW14



LX225C

Spannschlüssel für Extensionsbügel LX211R - LX242R
Wrench, double-ended, for wire traction bows LX211R - LX242R



LX227R

Spannschlüssel mit Klemmbake, zum Spannen des Drahtes
Wire tightener with clamping jaws



LX222R

Zughaken allein, großes Modell
Traction hook only, large size



LX223R

Zughaken allein, kleines Modell
Traction hook only, small size



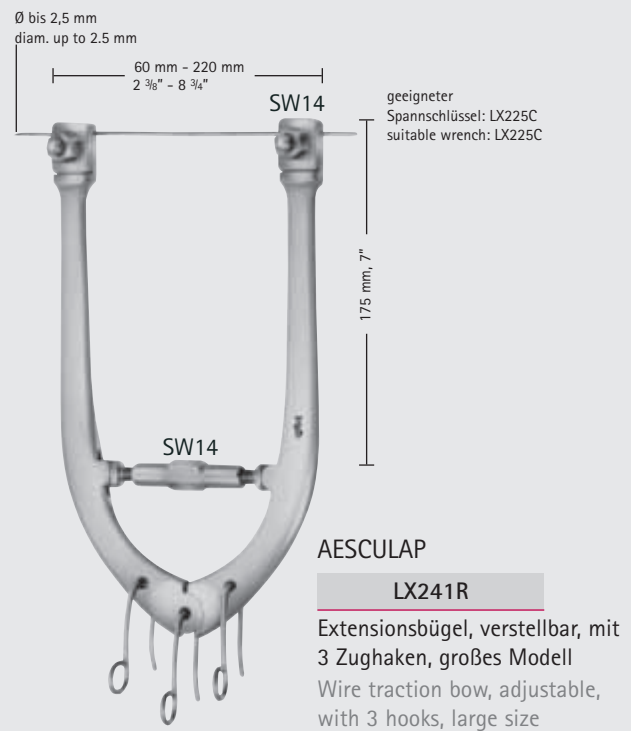
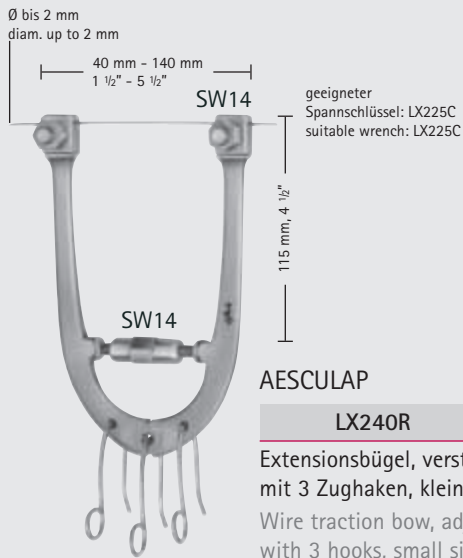
LX228R

Fixierschlüssel zum Festhalten der Klemmschraube am Spannschlüssel LX227R
Fixation clamp, to secure clamping jaw of LX227R, stainless steel



Drahtextension – Wire extension

Drahtextension Wire Extension



LX265C

Begrenzungsplatte mit Schlitz
Fixation disc, slotted



LX267R

Fixierscheibe (Begrenzungsplatte)
Fixation disc, slotted



LX266

Begrenzungsplatte mit Schlitz,
röntgendurchlässig aus Aluminium
Fixation disc, slotted idem, aluminium,
transparent to X-rays



LX269R

Schraubenzieher für Fixierscheiben
Screw driver for above fixation discs

X7



MILLIMETERS

Drahtextension – Wire extension

Extensionsbügel, Distraktor

Traction Bows, Distractor



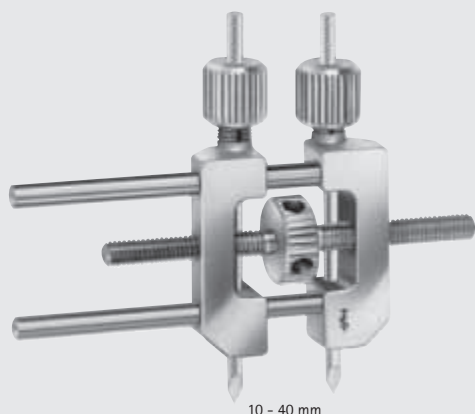
BÖHLER

LX204R-LX209R

Extensionsbügel,
zur Verwendung von
STEINMANN-Nägeln

Traction bows,
to be used with
STEINMANN pins

Ø diam. 4 mm		Ø diam. 5 mm		lichte Weite inside width	für for
LX204R	mit Nagel KX115S with pin KX115S			16 x 9 cm 6 1/4" x 3 1/2"	Arm arm
LX205R	ohne Nagel without pin	LX235R	ohne Nagel without pin	16 x 9 cm 6 1/4" x 3 1/2"	Arm arm
LX206R	mit Nagel KX118S with pin KX118S			21 x 11 cm 8 1/4" x 4 3/8"	Oberschenkel und Knie femur and knee
LX207R	ohne Nagel without pin	LX237R	ohne Nagel without pin	21 x 11 cm 8 1/4" x 4 3/8"	Oberschenkel und Knie femur and knee
LX208R	mit Nagel KX121S with pin KX121S			21 x 15 cm 8 1/4" x 6"	Oberschenkel und Knie femur and knee
LX209R	ohne Nagel without pin			21 x 15 cm 8 1/4" x 6"	Oberschenkel und Knie femur and knee



10 - 40 mm

LX310R

Kleiner Distraktor,
zum Distrahieren und Komprimieren von
kleinen Knochen, für Bohrdrähte Ø 3,0 mm

Small distractor,
as a repositioning device for distraction and com-
pression of small bones, for wires with 3.0 mm diam.

LX



Drahtextension – Wire extension

Nägel Pins

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443
bzw. ISO 5832/I (AISI 316 L)

Material used for implants: stainless steel acc. to DIN 17 443
resp. ISO 5832/I (AISI 316 L)



Länge length	Ø diam. 4 mm	Ø diam. 5 mm
80 mm	KX108S	
100 mm	KX110S	
120 mm	KX112S	
140 mm	KX114S	
150 mm	KX115S	KX245S
160 mm	KX116S	
180 mm	KX118S	KX248S
200 mm	KX120S	KX250S
210 mm	KX121S	
250 mm	KX125S	KX255S
300 mm		KX260S

STEINMANN

KX108S-KX260S

mit 3-Kant-Schaft und Trokarspitze
Form C nach DIN 58 824

mit 3-Kant-Schaft und Trokarspitze
Form C nach DIN 58 824



KX262

Schutzkappe
für STEINMANN-Nägel, Ø 4 mm
Protection cap
for STEINMANN pins, diam. 4 mm



KX261

Schutzkappe
für STEINMANN-Nägel, Ø 5 mm
Protection cap
for STEINMANN pins, diam. 5 mm

X1



MILLIMETERS

Drahtextension – Wire extension

Handbohrfutter

Drilling Chucks



FR105R

Handbohrfutter, längsdurchbohrt,
Spannweite 0,8 - 2,0 mm Ø

Drilling chuck, cannulated,
for shanks from
0.8 mm - 2.0 mm diam.

150 mm, 6"



FR103R

Handbohrfutter, längsdurchbohrt,
Spannweite bis 4,5 mm Ø, mit
Spannschlüssel GA062R

Drilling chuck, cannulated, for shanks
up to 4.5 mm diam., with key GA062R

140 mm, 5 1/2"

Spannbacken aus
Implantatwerkstoff

Chuck jaws made of material
used for implants



LX202S

Handbohrfutter, längsdurchbohrt,
Spannweite bis 6,35 mm Ø,
von Hand zu spannen

Drilling chuck, cannulated,
for shanks up to 6.35 mm diam.,
to be tightened by hand

100 mm, 4"



LX210R

Handbohrfutter, längsdurchbohrt,
Spannweite bis 4,5 mm Ø und für
3-Kant-Schaft SW 4,7 (SCHANZsche
Schrauben, STEINMANN Nägel), mit
Spannschlüssel GA062R

Drilling chuck, cannulated, for
shanks up to 4.5 mm diam. and for
triangular shaft width across flats
4.7 mm (SCHANZ screws,
STEINMANN pins), with key GA062R



LX203R

Handbohrfutter, längsdurchbohrt,
Spannweite bis 6,35 mm Ø, mit
Spannschlüssel GA031R

Drilling chuck, cannulated, for
shanks up to 6.35 mm diam.,
with key GA031R

160 mm, 6 1/4"

LX



Drahtextension – Wire extension

Cerclage-Instrumente

Cerclage Instruments



KY002S-KY015S

Draht, weich, gewebeverträglich, in Ringen zu 10 m

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I grade B (AISI 316 LVM)

Wire, soft, tissue compatible, in coils of 10 m

Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I grade B (AISI 316 LVM)

Ø	diam.	0,2 mm	0,3 mm	0,4 mm	0,5 mm	0,6 mm	0,7 mm	0,8 mm	0,9 mm	1,0 mm	1,2 mm	1,5 mm
		KY002S	KY003S	KY004S	KY005S	KY006S	KY007S	KY008S	KY009S	KY010S	KY012S	KY015S
Gauge		35	30	27	25	23	22	21	20	19	18	17



1/1

ORMROD-SCHMITT

KY100S

Ligaturplättchen

Ligature disc

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I grade B (AISI 316 LVM)

Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I grade B (AISI 316 LVM)



1/2



1/1

Spannbuchse aus Implantatwerkstoff, drehbar gelagerte Kopfscheibe.
Die drehbar gelagerte Kopfscheibe dreht sich während des Quirlvorgangs nicht mit.
Dadurch wird ein Abscheren des Cerclage-Drahts vermieden.

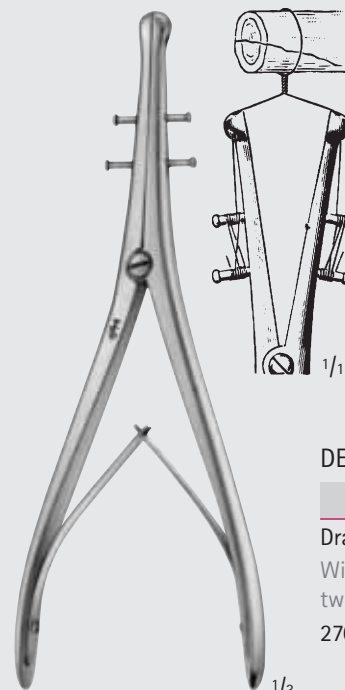
Movable tip made of material used for implants.
While twisting the movable head remains stable, therefore the wire will not slip off.

LOUTE

KY220S

Drahtspanner, verbessertes Modell, mit an der Spitze eingebauter beweglicher Drahtspannbuchse für Draht bis 1,0 mm Ø
Wire tightener, improved pattern, with movable tip, for wires up to 1.0 mm diam.

220 mm, 8 3/4"



1/3

DEMEL

KY225R

Drahtspannzange
Wire tightening- and twisting forceps
270 mm, 10 3/4"

X7



MILLIMETERS

Drahtextension – Wire extension

Cerclage-Instrumente

Cerclage Instruments

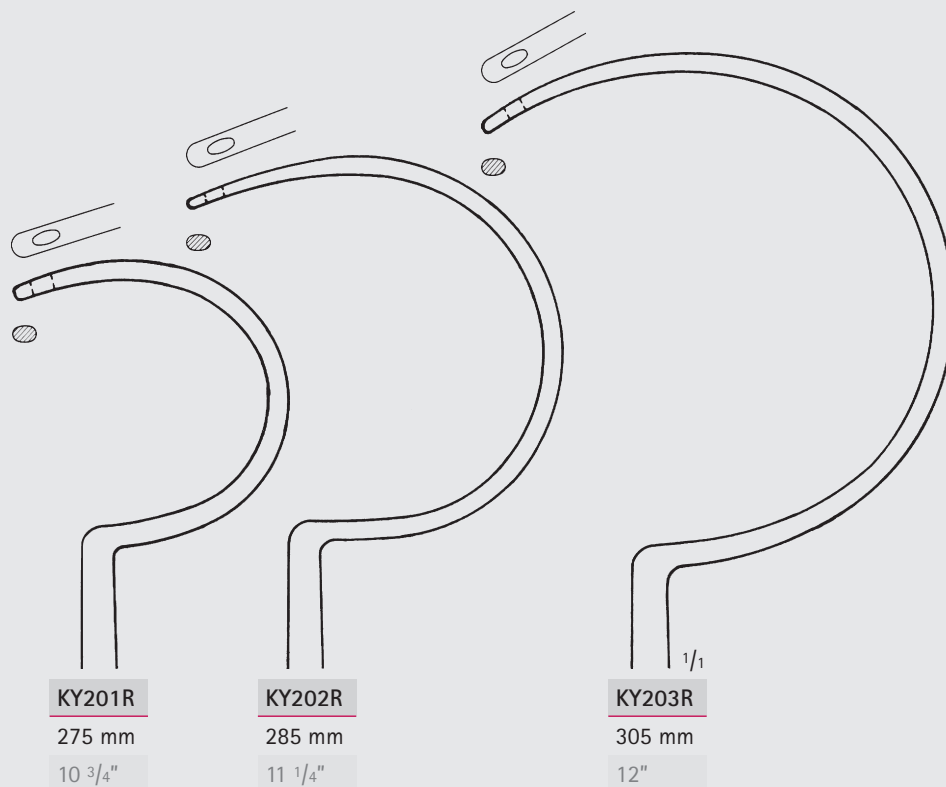


DEMEL

KY201R-KY203R

Drahtumführungs-nadeln

Wire guides



KY201R

275 mm

10 3/4"

KY202R

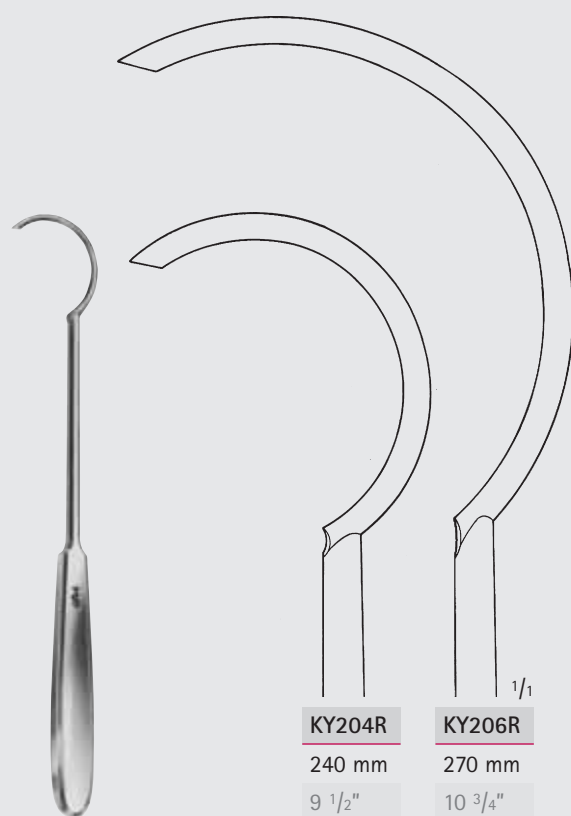
285 mm

11 1/4"

KY203R

305 mm

12"



KY204R

240 mm

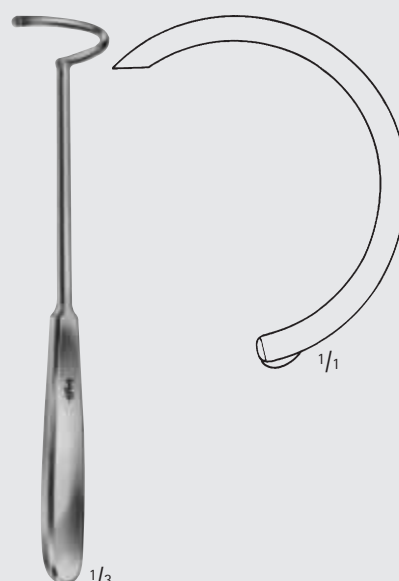
9 1/2"

KY206R

270 mm

10 3/4"

KY204R-KY206R



KY205R

225 mm, 9"

LX



mit Hartmetallbacken



with hard metal inserts

Drahtextension – Wire extension

Drahtfasszangen, Drahtspannzangen

Wire Holding Forceps, Wire Twisters

X7



LX176R

Drahtfasszange mit
seitlichen Backen gegen
Abrutschen des Drahtes
Holding forceps for cerclage
wire, with lateral jaws to
avoid wire slipping off



BM110R

Drahtspannzange,
Ligaturzange
Wire twister,
Ligature forceps
150 mm, 6"



BM111R

Drahtspannzange,
Ligaturzange
Wire twister,
Ligature forceps
1/2 150 mm, 6"



BAUMGARTNER

BM112R

Drahtspannzange,
Ligaturzange
Wire twister,
Ligature forceps
1/2 200 mm, 8"

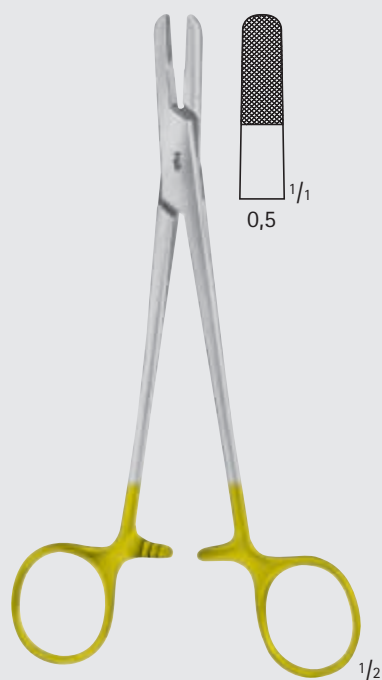


MILLIMETERS

Drahtextension – Wire extension

Drahtspannzangen, Drahtschneidezangen
Wire Twisters, Wire Cutting Scissors

mit Hartmetallbacken
with hard metal inserts



BM113R

für die Sternumnaht
for sternum suture
175 mm, 7"



BERRY

MD456R

Drahtspannzange,
Ligaturzange
Wire twister, ligature forceps
185 mm, 7 1/4"



LX149R

abgewinkelte schlanke Form zur Drahtentfernung
(für weichen Draht bis Ø 0,9 mm) nach Sternumnaht
angled slender pattern for wire removal
(for soft wire up to diam. 0.9 mm) after sternum suture
170 mm, 6 3/4"

spezialvergütete
Schneiden
specially hardened
cutting edges



Drahtextension – Wire extension

Drahtfasszangen, Drahtspannzangen, Flachzangen
Wire Holding Forceps, Wire Twisters, Flat-Nosed Pliers



MARBURG MODELL

DP031R

beidseitig kariert
with serrated jaws
140 mm, 5 1/2"



GOSLEE

DP035R

eine Seite kariert,
eine Seite glatt
one jaw smooth,
one jaw serrated
140 mm, 5 1/2"



LX170R

mit gerieften Backen
with serrated jaws

LX171R

mit Längs- und Querrillen
with longitudinal and
transversal grooves
170 mm, 6 3/4"



LX172R

190 mm, 7 1/2"

X7



MILLIMETERS

Drahtextension – Wire extension

Drahtfasszangen, Flachzangen

Wire Holding Forceps, Flat-Nosed Pliers

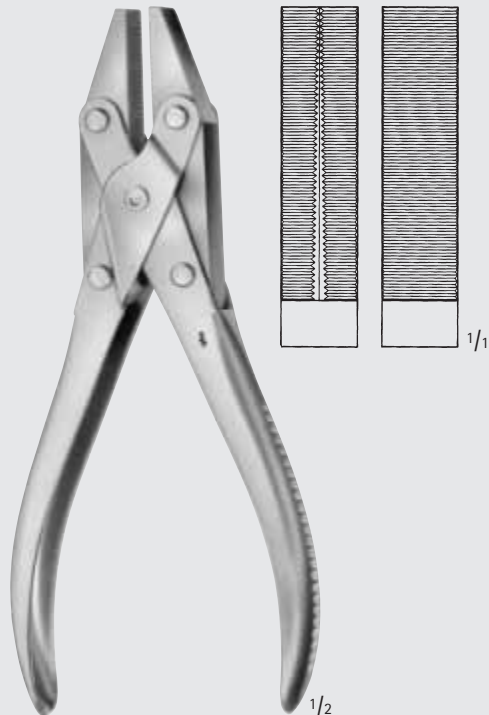
Die als Fräsbacken gearbeiteten Maulenden ermöglichen es, Drahtenden freizulegen. Maulprofile gewährleisten absolut sicheres Fassen der Drahtenden.

Exposure of grown-in wire ends is possible due to milling ends of the jaws. Profiles of the jaws guarantee absolutely safe gripping of the wire ends.



LX177R-LX178R

Extraktionszangen für Bohrdrähte
Extraction pliers for boring wires



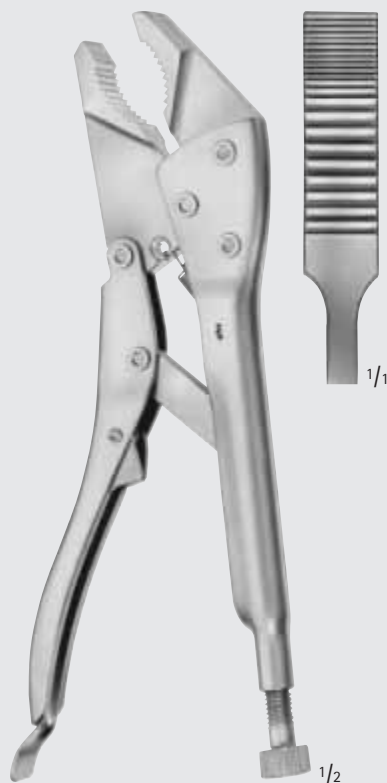
LX189R

Parallel-Flachzange
Flat-nosed pliers, parallel
185 mm, 7 1/4"



MB576R

195 mm, 7 3/4"



LX174R

Tonnenzange
Vise grip
200 mm, 8"

LX



Drahtextension – Wire extension

Drahtfasszangen, Biegezangen

Wire Holding Forceps, Pliers for Bending and Cutting Wires



LX181R

LX181R

180 mm

7"

Rundzange
Round pliers



LX185R

145 mm

5 3/4"

Extraktionszangen für Bohrdrähte
Extraction pliers for wires



LX182R

180 mm

7"



LX183R

180 mm

7"

LX181R-LX185R



LX190R

Biegezange für Spickdrähte bis 1,8 mm Ø
Bending pliers for wires up to 1.8 mm diam.

X7



MILLIMETERS

Drahtextension – Wire extension

Drahtschneidezangen und -Scheren

Wire Cutters and Wire Cutting Scissors



ANGLE

DP540R

130 mm, 5 1/8"

für weichen Draht bis Ø
für harten Draht bis Ø

0,5 mm
0,3 mm

for soft wire up to diam.
for hard wire up to diam.

0.5 mm
0.3 mm



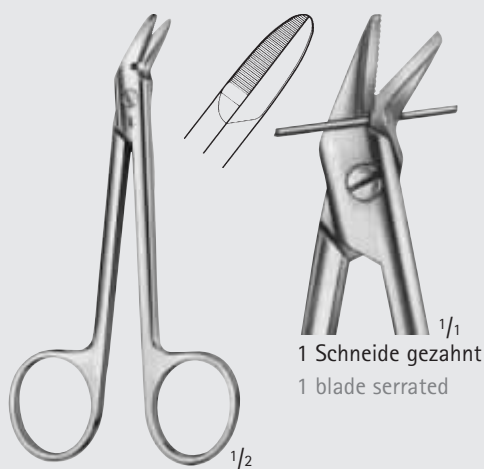
spezialvergütete
Schneiden
specially hardened
cutting edges

DP541R

130 mm, 5 1/8"

0,6 mm
0,4 mm

0.6 mm
0.4 mm



1/1
1 Schneide gezahnt
1 blade serrated

DP551R

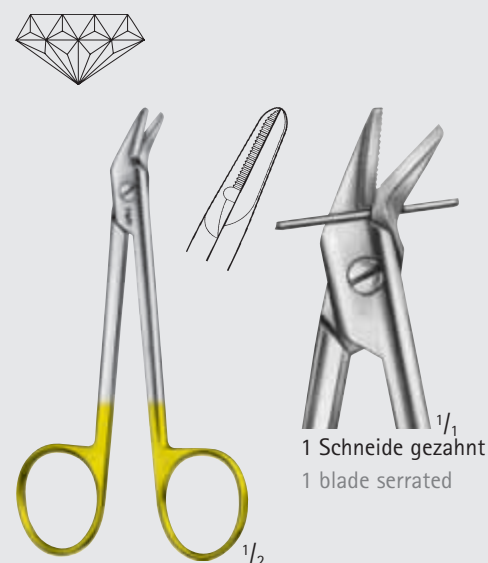
120 mm, 4 3/4"

für weichen Draht bis Ø
für harten Draht bis Ø

1,2 mm
0,6 mm

for soft wire up to diam.
for hard wire up to diam.

1.2 mm
0.6 mm



1/1
1 Schneide gezahnt
1 blade serrated

DP552R

120 mm, 4 3/4"

1,2 mm
0,8 mm

1.2 mm
0.8 mm



Drahtextension – Wire extension

Drahtschneidezangen und -Scheren

Wire Cutters and Wire Cutting Scissors



HARVEY

BC815R

125 mm, 5"



^{1/1}
Schneiden gezahnt
Blades serrated

für weichen Draht bis Ø
für harten Draht bis Ø

0,4 mm
0,3 mm

for soft wire up to diam.
for hard wire up to diam.

0.4 mm
0.3 mm



DP501R

150 mm, 6"

1,5 mm
1,0 mm

1.5 mm
1.0 mm



DP505R

160 mm, 6 1/4"

für weichen Draht bis Ø
für harten Draht bis Ø

1,5 mm
1,2 mm

for soft wire up to diam.
for hard wire up to diam.

1.5 mm
1.2 mm



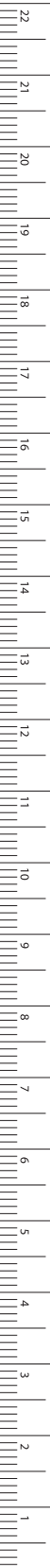
DP530R

140 mm, 5 1/2"

1,5 mm
1,0 mm

1.5 mm
1.0 mm

X7



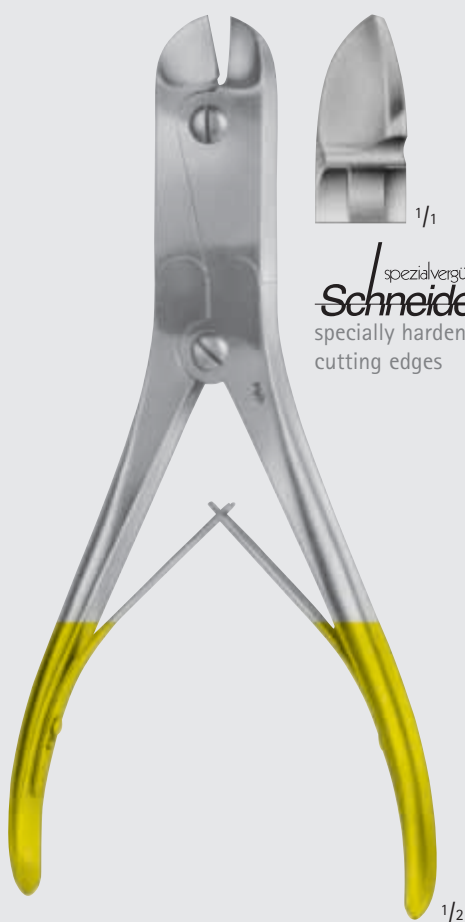
MILLIMETERS

Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

LX



LX156R

235 mm, 9 1/4"

für weichen Draht bis Ø	3,0 mm
für harten Draht bis Ø	2,2 mm

for soft wire up to diam.	3.0 mm
for hard wire up to diam.	2.2 mm



HARVEY

LX157R

235 mm, 9 1/4"

3,0 mm
2,2 mm

3.0 mm
2.2 mm



Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

X7



LX149R

abgewinkelte schlanke Form zur
Drahtentfernung nach Sternumnaht
angled slender pattern for wire
removal after sternum suture
170 mm, 6 $\frac{3}{4}$ "

für weichen Draht bis Ø
für harten Draht bis Ø

0,9 mm
-

for soft wire up to diam.
for hard wire up to diam.

0.9 mm
-



LX162R

240 mm, 9 $\frac{1}{2}$ "

2,5 mm
2,0 mm

2.5 mm
2.0 mm



MILLIMETERS

Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

LX



LX158R

Kopf- und Seitenschneider
Wire Cutters, front- and lateral cutting action
180 mm, 7"

für weichen Draht bis Ø 2,0 mm
für harten Draht bis Ø 1,5 mm

for soft wire up to diam. 2.0 mm
for hard wire up to diam. 1.5 mm



REILL

LX159R

Schneiden gebogen, zum Abzwicken
direkt am Knochen
for cutting off wires close to the bone
175 mm, 7"

2,0 mm
1,5 mm

2.0 mm
1.5 mm



Drahtextension – Wire extension

Drahtschneidezangen, Kopfschneider

Wire Cutters, Front Cutting Action



für weichen Draht bis Ø 1,5 mm
für harten Draht bis Ø 1,0 mm

for soft wire up to diam. 1.5 mm
for hard wire up to diam. 1.0 mm



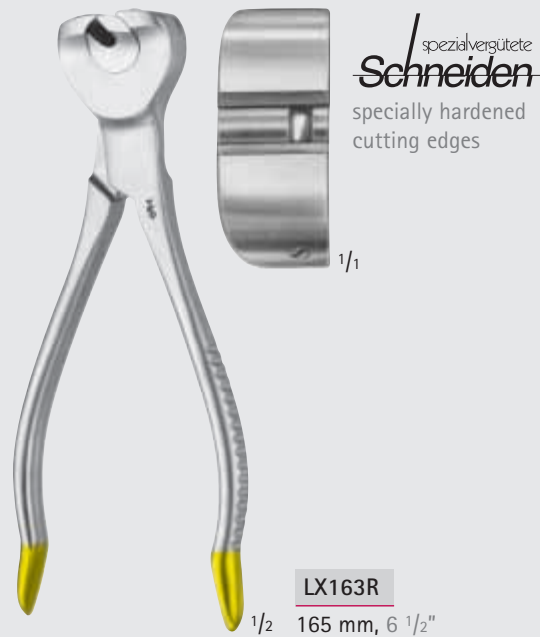
2,0 mm
1,5 mm

2.0 mm
1.5 mm



für weichen Draht bis Ø 3,0 mm
für harten Draht bis Ø 2,0 mm

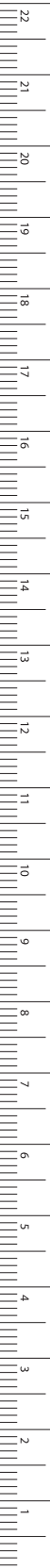
for soft wire up to diam. 3.0 mm
for hard wire up to diam. 2.0 mm



3,5 mm
2,5 mm

3.5 mm
2.5 mm

X7



MILLIMETERS

Drahtextension – Wire extension

Drahtschneidezangen

Wire Cutting Pliers



$\frac{1}{3}$

LX165R

Bolzenschneider zum Abzwicken von KIRSCHNER-Drähten, Tibia-Kopf-Schrauben und Nägeln bis zu 3 mm Ø

Cutter for cutting off KIRSCHNER wires, tibia head screws, bolts, pins, up to 3 mm diam.

320 mm, 12 $\frac{3}{4}$ "



$\frac{1}{3}$

LX164R

Bolzenschneider zum Abzwicken von KIRSCHNER-Drähten, Tibia-Kopf-Schrauben und Nägeln bis 6 mm Ø

Cutter for cutting off KIRSCHNER wires, tibia head screws, bolts, pins, up to 6 mm diam.

470 mm, 18 $\frac{1}{2}$ "

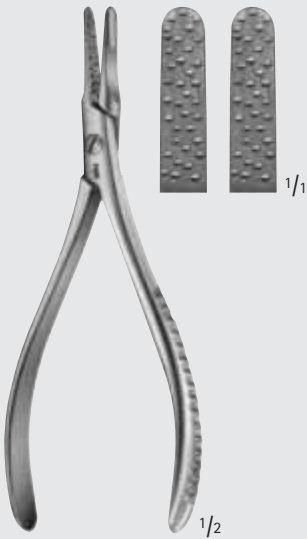


Drahtextension – Wire extension

Fingernagel-Instrumente

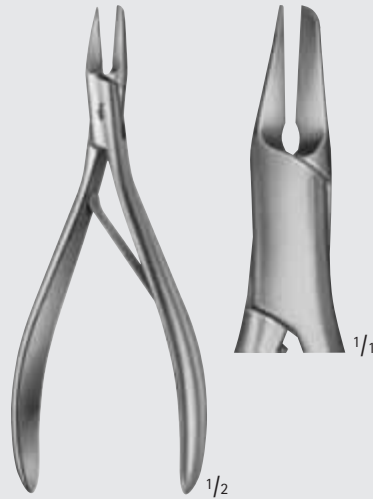
Finger Nail Instruments

X7



F0903R

Nagelausreißzange
Nail extracting forceps
135 mm, 5 1/2"



HF266R

Nagelspaltzange
Nail splitting forceps
130 mm, 5 1/8"



SYSTRUNK

BC521R

Schere für eingewachsene Nägel
Scissors for splitting finger nails
130 mm, 5 1/8"



F0900R

Fingerringsäge
Finger ring saw
150 mm, 6"



F0901R

Ersatz-Sägeblatt
Spare blade



MILLIMETERS



INCHES

LX



Gips-Instrumente
Plaster Instruments

Gips-Instrumente – Plaster Instruments

Gips-Instrumente

Plaster Instruments



1/2

ESMARCH

LX505R

Gipsmesser

Plaster knives

180 mm, 7"



1/2

ENGEL

LX522C

Gipssäge

Plaster saw

150 mm, 6"



1/2

LISTER

BC885R-BC977R

BC885R	schwarz	black	BC973R	gelb	yellow
BC970R	rot	red	BC975R	orange	orange
BC971R	blau	blue	BC977R	pink	pink

Verband- und Erste-Hilfe-Scheren

Bandage- and First Aid Scissors

145 mm, 5 3/4"



2/3

BC881R-BC987R

BC881R	schwarz	black	BC983R	gelb	yellow
BC980R	rot	red	BC985R	orange	orange
BC981R	blau	blue	BC987R	pink	pink

Verband- und Erste-Hilfe-Scheren

Bandage- and First Aid Scissors

180 mm, 7"



Gips-Instrumente – Plaster Instruments

Gipsscheren
Plaster Scissors

X7



LX548R

für kleine Gipsverbände
for small plaster dressings
160 mm, 6 $\frac{1}{4}$ "



ESMARCH

LX550R	200 mm	8"
--------	--------	----

LX552R	230 mm	9"
--------	--------	----



BERGMANN

LX553R

230 mm, 9"



MILLIMETERS

Gips-Instrumente – Plaster Instruments

Gipsscheren

Plaster Scissors



BRUNS

LX556R

235 mm, 9 1/4"



LX558R

auch als Kleiderschere verwendbar
also to be used as bandage scissors
235 mm, 9 1/4"



SEUTIN

LX565R

auch als Kleiderschere verwendbar
also to be used as bandage scissors
230 mm, 9"



Gips-Instrumente – Plaster Instruments

Gipsscheren Plaster Shears

Besondere Vorteile:

- Die Konstruktion des offenen Kastens verhindert das lästige Verstopfen durch Gipsreste, außerdem ist eine leichte Reinigung der Backen möglich.
- Die tiefe Zahnung an den Backen verhindert das Abgleiten der Gipsschere vom Gips.
- Die Messer, mit Hohlschliff, weisen eine bessere Schnittfähigkeit auf, daher geringerer Kraftaufwand.
- Messerführung durch Kugellager.

Special features:

- The construction of the open jaws avoids tiresome clogging by plaster remnants and allows furthermore an easy cleaning.
- The shears do not glide off the plaster owing to the deep teething on the jaws.
- The knives with hollow grinding have a better cutting ability and therefore less force is required.
- The knives are guided by ball bearings.

Kastenteil offen

open jaws



STILLE-AESCLAP

LX574R

260 mm, 10 1/4"



STILLE-AESCLAP

LX575R

360 mm, 14 3/8"

X7



MILLIMETERS

Gips-Instrumente – Plaster Instruments

Gipsscheren

Plaster Shears

LX



STILLE

LX582R

230 mm, 9"



STILLE

LX587R

Messer mit verstärktem Rücken

Blade with reinforced back

370 mm, 14 $\frac{2}{3}$ "

INCHES



Gips-Instrumente – Plaster Instruments

Gipsspreizer, Gipsabreißzangen
Plaster Spreader, Plaster Breakers

X7



HENNIG

LX600R

270 mm, 10 ³/₄"



MOD.USA

LX605R

230 mm, 9"



mit abnehmbaren Backen
with removable jaws

LX610R

290 mm, 11 ¹/₂"



WOLFF

LX618R 180 mm 7"

LX624R 240 mm 9 ¹/₂"

Gipsabreißzangen (Rabenschnabel)
Plaster breakers



MILLIMETERS





GF



Sauginstrumente
Suction Instruments

Sauginstrumente – Suction Instruments

Vakuümküretten

Vacuum Curettes



Kanülen zur Vakuümkürettage
mit Graduierung und
Saugunterbrecher

Curettes with graduation and
suction interrupter, for vac-
cum curettage

Ø
diam.

4 mm (zur Saugbiopsie geeignet)
(suitable for suction biopsy)

GF704R

GF706R

6 mm

GF708R

8 mm

GF710R

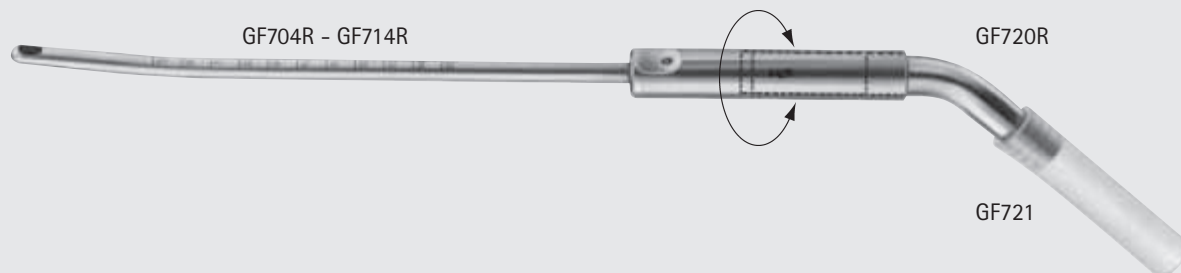
10 mm

GF712R

12 mm

GF714R

14 mm



GF704R - GF714R

GF720R

GF721



GF719R

Schlauchansatz, gerade
Innen-Ø: 11 mm

Hose connection, straight
inside diam.: 11 mm



GF720R

Schlauchansatz, gebogen
Innen-Ø: 11 mm

Hose connection, curved
inside diam.: 11 mm

Die Verbindung zwischen Saugküretten und Schlauchansatz
GF720R gewährleistet schnelles Wechseln und freies Drehen der
Saugküretten auf dem Schlauchansatz.

The connection between suction curette and hose connection
GF720R guarantees quick changing and free turning of the suction
curettes on the hose connection.

GF721

Saugschlauch, transparent, 1,8 m lang, Innen-Ø 11 mm,
Außen-Ø 16,5 mm, sterilisierbar im Autoklav bei 143 °C
(3 bar)

Transparent suction hose, 1.8 m long, inside diam. 11 mm,
outside diam. 16.5 mm, can be sterilized in an autoclave
at 143 °C (3 bar)



GF722

Gewebe-Auffangsieb aus Kunststoff, zum Einmalgebrauch
für die histopathologische Untersuchung.

Strainer for tissue, plastic, for single use only, to be used
for histopathological examination.

GF722



Sauginstrumente – Suction Instruments

Sauginstrumente Suction Instruments

GF



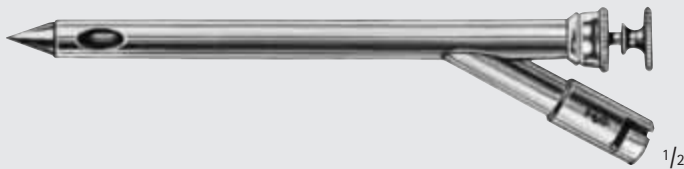
Ø 15 mm
diam. 15 mm

Ø 8 mm
diam. 8 mm

1/2

GF805C

zum Ableiten großer Flüssigkeitsmengen
for clearing large quantities of fluid
190 mm, 7 1/2"



1/2

GF806C

Trokar, zum Punktieren
Trocar, for puncturing
170 mm, 6 3/4"



1/2

GF809C

doppelt gebogen, für Allgemein-Chirurgie
double curved, for general surgery
230 mm, 9"

mit Renk-Verschluss
passend auf den Sauggriff
GF801C
with bayonet fitting to be
used with suction handle
GF801C



MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



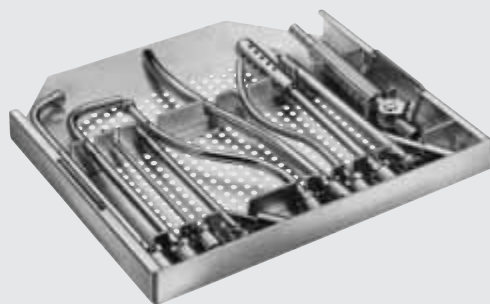
Olive Ø 8 mm
olive diam. 8 mm

GF801C

Sauggriff mit Vakuum-Regulierung und Unterbrecher,
Messing hochglanzverchromt

Suction handle, with vacuum regulator and finger
cut-off, brass, mirror-finish chromium-plated

150 mm, 6"



GF841

Alu-Lagerungsrack allein, ohne Instrumente,
passend in Basis Container, bestehend aus
Bodenteil JK339 und Deckel JK399

Aluminium rack only, without instruments,
fitting into Basis Container, consisting of
container body JK339 and lid JK399

265 x 250 x 30 mm



Sauginstrumente – Suction Instruments

Sauginstrumente Suction Instruments

GF



GF816C

Universal-Kanüle, doppelt gebogen
Universal cannula, double curved
230 mm, 9"



POOL

GF860R

Saugkanüle mit abschraubbarem Außenrohr
Suction cannula, with outer tube to be screwed off
225 mm, 9"



POOL

GF862R

Saugkanüle mit abschraubbarem Außenrohr
Suction cannula with outer tube to be screwed off
225 mm, 9"



YANKAUER

GF944R

mit zentraler Bohrung, Ø 2,0 mm
with central bore, 2.0 mm diam.
285 mm, 11 1/4"

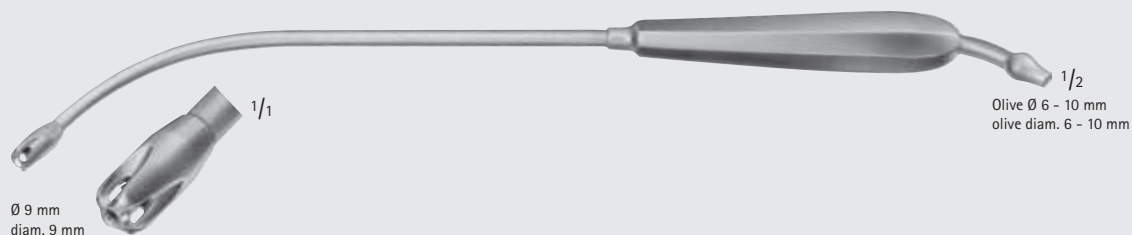


MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



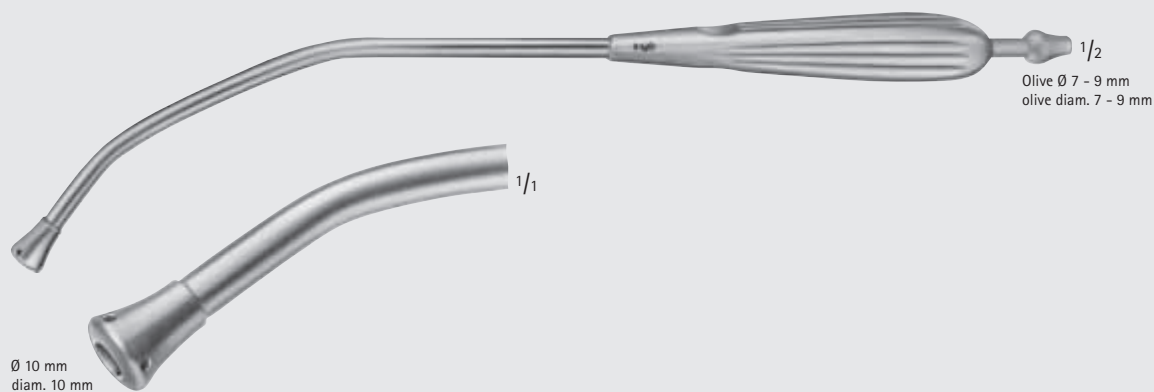
DE BAKEY

GF946R

mit zentraler Bohrung, Ø 3,0 mm und seitlichen Schlitzten

with central bore, 3.0 mm diam. with lateral slots

275 mm, 10 3/4"



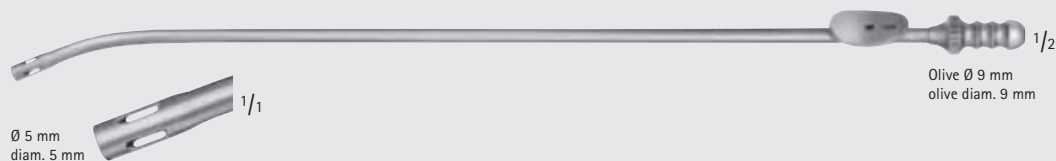
YANKAUER

OM671R

mit besonders großer zentraler Bohrung, Ø 4,8 mm

with especially large central bore, 4.8 mm diam.

285 mm, 11 1/4"



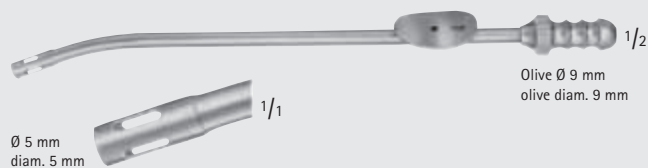
DE BAKEY

GF948R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet

270 mm, 10 3/4"



DE BAKEY

GF947R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet

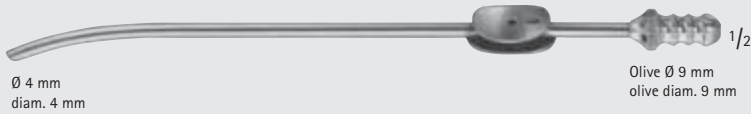
160 mm, 6 1/4"



Sauginstrumente – Suction Instruments

Sauginstrumente Suction Instruments

GF



Ø 4 mm
diam. 4 mm

Olive Ø 9 mm
olive diam. 9 mm

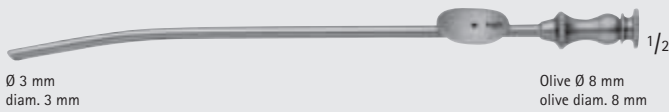
ADSON

GF917R

mit Saugunterbrecher

with finger cut-off

190 mm, 7 1/2"



Ø 3 mm
diam. 3 mm

Olive Ø 8 mm
olive diam. 8 mm

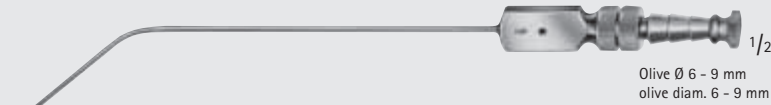
ADSON

GF918R

mit Saugunterbrecher und Mandarin

with finger cut-off and stylet

165 mm, 6 1/2"



Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

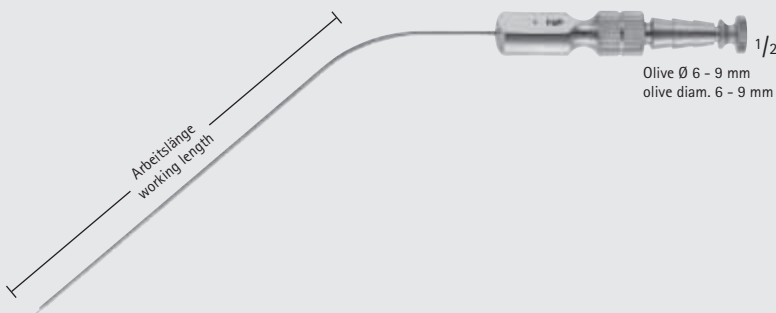
PLESTER

mit Saugunterbrecher und Mandarin,
Griffplatte parallel zur Biegung, LUER-Bohrung

with finger cut-off and stylet, thumb piece
parallel to curve, with LUER hub

195 mm, 7 3/4"

	Ø diam.
GF939R	1,5 mm
GF940R	2,0 mm
GF941R	2,5 mm
GF942R	3,0 mm
GF355R	5,0 mm



Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

FERGUSSON

mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung

with finger cut-off and stylet, thumb piece
90° to curve, with LUER hub

180 mm, 7"

	diam. Ø
GF350R	1,5 mm
GF351R	2,0 mm
GF352R	2,5 mm
GF353R	3,0 mm
GF354R	4,0 mm

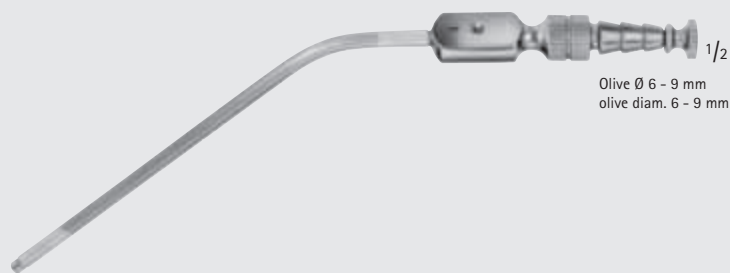


MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

FERGUSSON

GF933R

Ø diam. 4,0 mm

isoliert, mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung

isolated, with finger cut-off and stylet,
thumb piece 90° to curve, with LUER hub

180 mm, 7"



Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

FRAZIER

Ø
diam.

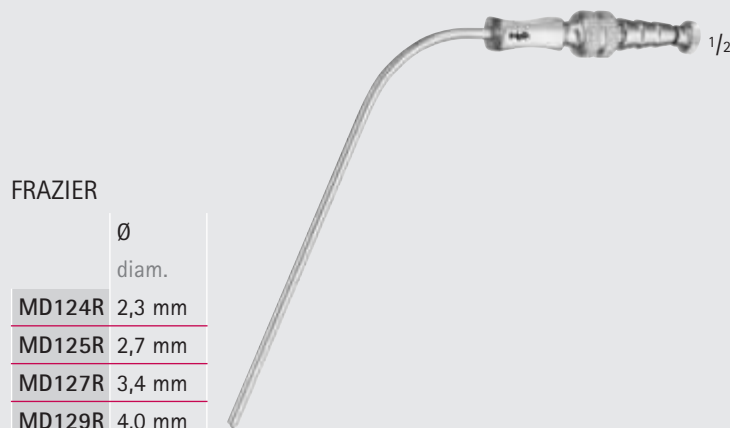
GF923R 3,0 mm

GF925R 5,0 mm

mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung

with finger cut-off and stylet, thumb
piece 90° to curve, with LUER hub

180 mm, 7"



FRAZIER

Ø
diam.

MD124R 2,3 mm

MD125R 2,7 mm

MD127R 3,4 mm

MD129R 4,0 mm

mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece 90°
to curve, with LUER hub

110 mm, 4 1/4"

INCHES



Sauginstrumente – Suction Instruments

Sauginstrumente Suction Instruments

GF



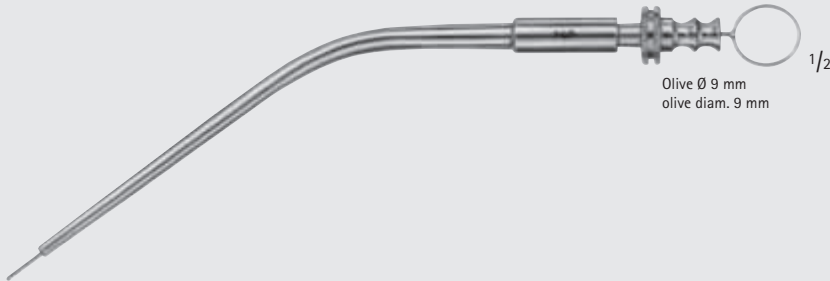
LEMPERT

Ø
diam.

GF937R 2,0 mm

GF938R 3,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
200 mm, 8"



FORMBY

Ø
diam.

GF932R 3,3 mm

210 mm, 8 1/4"



BARRON

Ø
diam.

GF935R 1,3 mm

GF936R 2,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
160 mm, 6 1/4"



SCHUHKNECHT

Ø
diam.

GF756R 20 swg 1,0 mm

GF757R 24 swg 0,5 mm

Saugkanülen
Suction cannulae
130 mm, 5 1/8"



MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



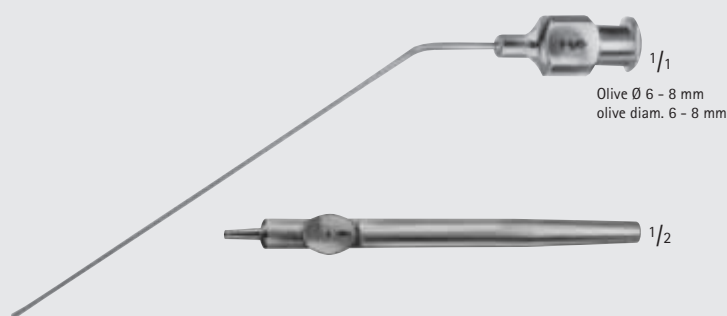
WULLSTEIN

OG960R

Mikro-Absaugrohr komplett, bestehend aus:

Micro suction tube, complete, consisting of:

OG961R	Absaugrohr mit LUER-Bohrung	Suction tube with LUER hub
OG962R	Mikro-Saugkanüle, Ø 0,4 mm	Micro suction cannula, 0.4 mm diam.
OG963R	Mikro-Saugkanüle, Ø 0,6 mm	Micro suction cannula, 0.6 mm diam.
OG964R	Mikro-Saugkanüle, Ø 0,8 mm	Micro suction cannula, 0.8 mm diam.

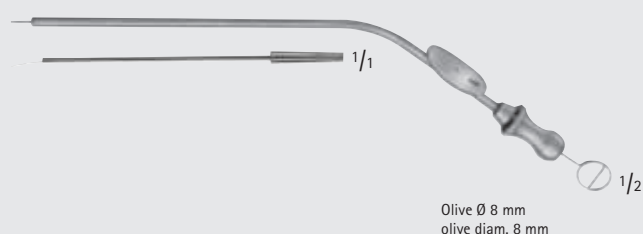


OG970R

Saugset komplett, bestehend aus:

Suction set, complete, consisting of:

OG971R	Saughandgriff mit LUER-Konus, mit Unterbrecher	Suction handle, with finger cut-off, with LUER cone
OG972R	2 Saugkanülen, Ø 0,5 mm, mit LUER-Konus	2 suction cannulae, 0.5 mm diam., with LUER cone
OG973R	2 Saugkanülen, Ø 0,7 mm, mit LUER-Konus	2 suction cannulae, 0.7 mm diam., with LUER cone
OG974R	2 Saugkanülen, Ø 1,0 mm, mit LUER-Konus	2 suction cannulae, 1.0 mm diam., with LUER cone
OG969R	2 Saugkanülen, Ø 1,3 mm, mit LUER-Konus	2 suction cannulae, 1.3 mm diam., with LUER cone



BELLUCCI

OG950R

Saugset komplett, bestehend aus:

Suction set, complete, consisting of:

OG951R	Saugrohr allein, mit Saugunterbrecher und Mandrin	Suction tube with finger cut-off and stylet	155 mm, 6"
GF772R	Saugkanüle Ø 20 swg., Ø 1,0 mm	Detachable end, 20 swg. diam., 1.0 mm diam.	
GF773R	Saugkanüle Ø 22 swg., Ø 0,7 mm	Detachable end, 22 swg. diam., 0.7 mm diam.	
GF774R	Saugkanüle Ø 24 swg., Ø 0,5 mm	Detachable end, 24 swg. diam., 0.5 mm diam.	



Sauginstrumente – Suction Instruments

Sauginstrumente Suction Instruments

GF



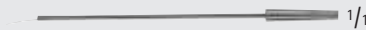
ZOELLNER

GF770R

Saugkanüle allein, mit Mandrin, passend zu den Saugaufsätzen GF771R und GF775R

Suction cannula only, with stylet, fitting to the detachable ends GF771R and GF775R

180 mm, 7"



ZOELLNER

	Ø diam.	Ø diam.
GF771R	18 swg	1,2 mm
GF772R	20 swg	1,0 mm
GF773R	22 swg	0,7 mm
GF774R	24 swg	0,5 mm
GF775R	26 swg	0,4 mm

auswechselbare Spitzen zu GF770R und OG951R
detachable ends, fitting to GF770R and OG951R

Bestelleinheit:

PAK = Packung à 10 Stück

Sales unit:

PAK = Package of 10 pieces



VERHOEVEN

	Ø diam.	Ø diam.
GF763R	16 swg	1,5 mm
GF764R	18 swg	1,2 mm
GF765R	20 swg	1,0 mm
GF766R	22 swg	0,7 mm
GF767R	24 swg	0,5 mm

Saugkanülen mit LUER-Konus

Suction cannulae with LUER cone
100 mm, 4"



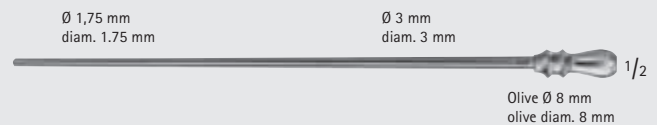
HOUSE

GF768R

Saugadapter mit Saugunterbrecher, LUER-Konus / LUER-Bohrung

Suction adapter with finger cut-off, LUER cone, LUER hub

55 mm, 2 1/8"



WULLSTEIN

OF237

Saugrohr, konisch, aus Silber, Olive mit LUER-Bohrung

Suction tube, conical, silver, olive with LUER hub

160 mm, 6 1/4"

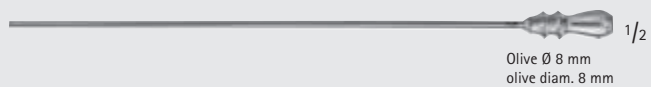


MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



WULLSTEIN

	Ø diam.
OF239	1,5 mm
OF238	2,0 mm

Saugrohr, zylindrisch, aus Silber, mit Mandrin, Olive mit LUER-Bohrung

Suction tube, cylindrical, silver, with stylet, olive with LUER hub

160 mm, 6 1/4"



MAGILL

	Ø diam.
GF906R	3,0 mm
GF907R	3,5 mm
GF908R	4,0 mm

245 mm, 9 3/4"

GF909R

Reinigungsdraht zu MAGILL-Saugkanülen

Stilette for MAGILL suction tubes



	Ø diam.	Spitzenbreite Tip width
GF919R	5,0 mm	6,5 mm

Nasensaugrohr, LUER-Bohrung

Nasal suction tube, with LUER hub

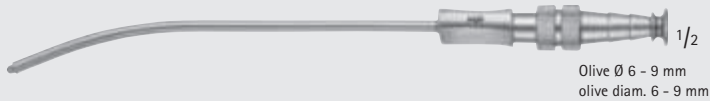
180 mm, 7"



Sauginstrumente – Suction Instruments

Sauginstrumente
Suction Instruments

GF

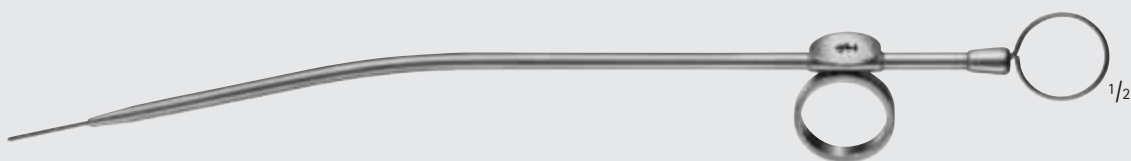


GILLIES

Ø
diam.

OL187R 3,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
170 mm, 6 ³/₄"



ROWBOTHAM

OM672R

mit Mandrin
with stylet
295 mm, 11 ³/₄"

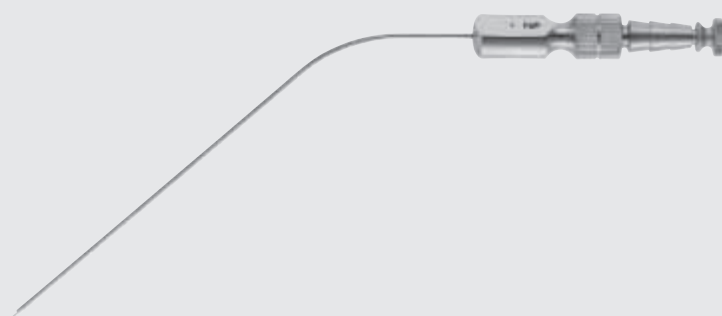


MILLIMETERS

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



FERGUSSON

Ø diam.	Länge Length	Länge Length	Länge Length
	130 mm	160 mm	200 mm
1,5 mm	GF360R	GF370R	GF380R
2,0 mm	GF361R	GF371R	GF381R
2,5 mm	GF362R	GF372R	GF382R
3,0 mm	GF363R	GF373R	GF383R
4,0 mm	GF364R	GF374R	GF384R
5,0 mm	GF365R	GF375R	GF385R

Ø 3,5 mm
diam. 3.5 mm

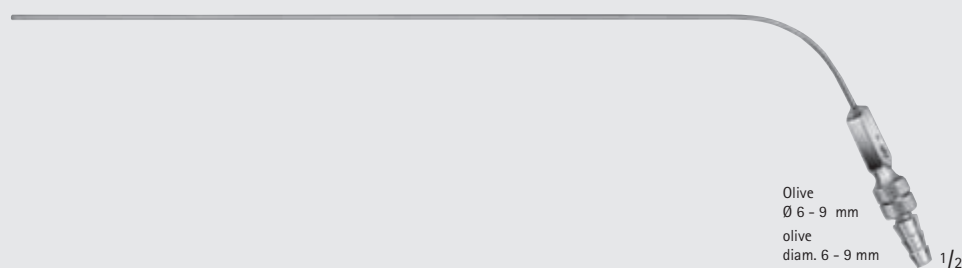
Ø 2,0 mm
diam. 2.0 mm

Olive
Ø 6 - 9 mm
olive
diam. 6 - 9 mm

1/3

OP030R	500 mm	20"
OP031R	350 mm	14"

mit Gummispitze, mit LUER-Bohrung
with rubber tip, with LUER hub



Olive
Ø 6 - 9 mm
olive
diam. 6 - 9 mm

1/2

Ø diam.	Ø diam.
OP360R	2,0 mm
OP361R	2,5 mm
OP362R	3,0 mm

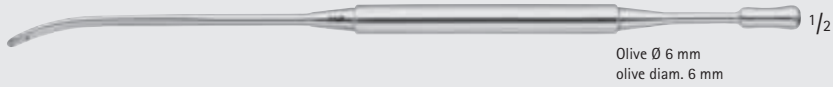
mit Saugunterbrecher, Griffplatte 90° zur Biegung, mit LUER-Bohrung
with finger cut-off, thumb piece 90° to curve, with LUER hub
250 mm, 10"



Sauginstrumente – Suction Instruments

Sauginstrumente Suction Instruments

GF



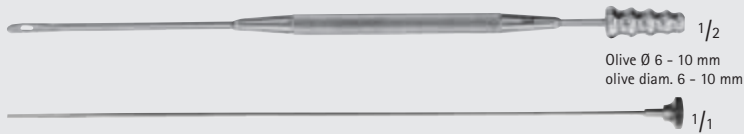
NEGUS

OL177R

Saugdissektor

Suction dissector

210 mm, 8 1/4"



GORNEY

OL168R

Saugdissektor

Suction dissector

180 mm, 7"



breit
wide

OL195R 4 mm

OL196R 5 mm

Saugraspatorium, scharf, bajonettförmig gebogen, mit Mandarin

Suction raspatories, sharp, bayonet-shaped, with stylet

200 mm, 8"



LANDOLT

breit
wide

GF980R 3,2 mm

Präpariersauger für Hypophysektomie und HNO, winklige Spitze, scharf

Dissecting suction tube for hypophysectomie and ENT, sharp angled point

200 mm, 8"



LOPEZ-REINKE

OM670R

Tonsillendissektor mit Absaugvorrichtung

Tonsil dissector with suction device

235 mm, 9 1/4"

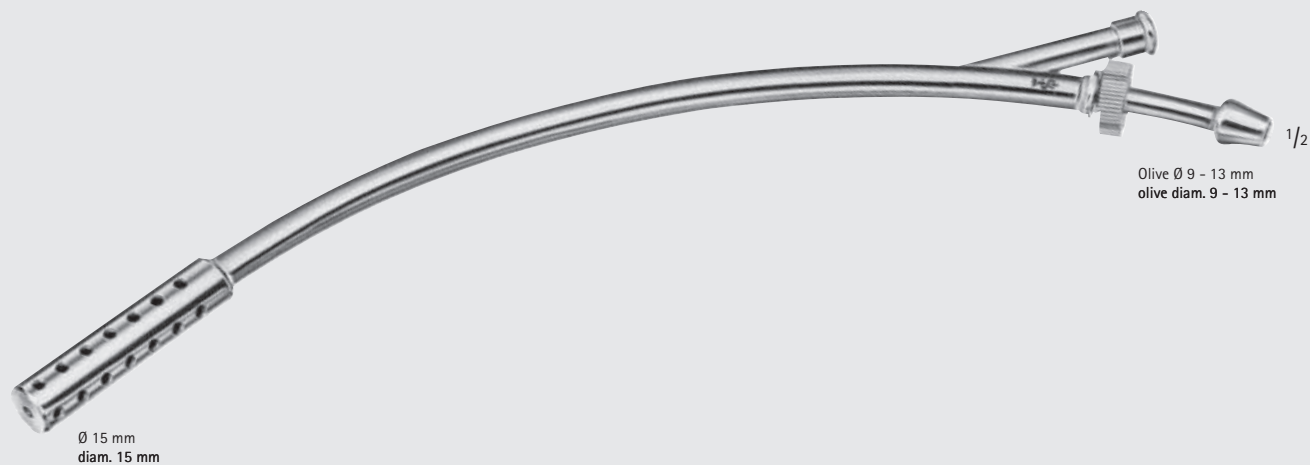


MILLIMETERS

Sauginstrumente – Suction Instruments

Kombinierte Saug- und Spülkanülen

Combined Suction- and Irrigation Cannulae



FINSTERER

GF867C

320 mm, 12 3/4"



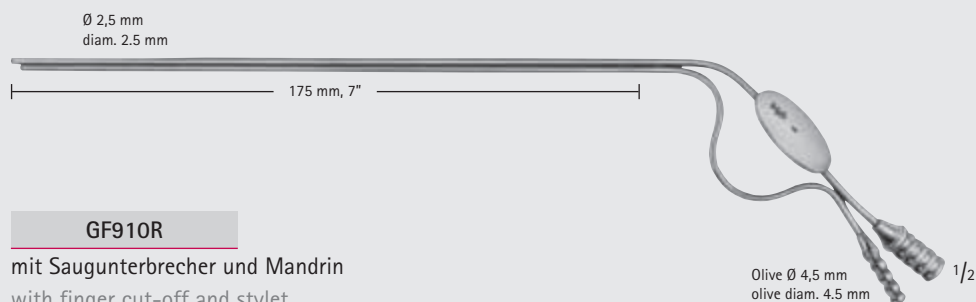
YASARGIL

GF905R

LUER-LOCK-Konus

LUER-LOCK cone

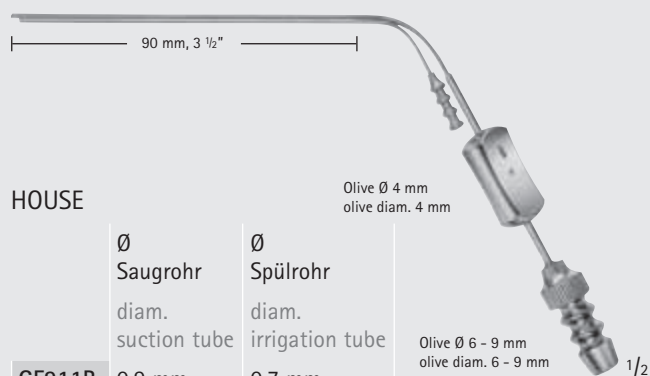
200 mm, 8"



GF910R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet



HOUSE

Ø Saugrohr diam. suction tube	Ø Spülrohr diam. irrigation tube
0,9 mm	0,7 mm
1,2 mm	0,9 mm
1,5 mm	1,2 mm

GF911R

0,9 mm

0,7 mm

GF912R

1,2 mm

0,9 mm

GF913R

1,5 mm

1,2 mm

mit Saugunterbrecher und Mandrin, LUER-Bohrung

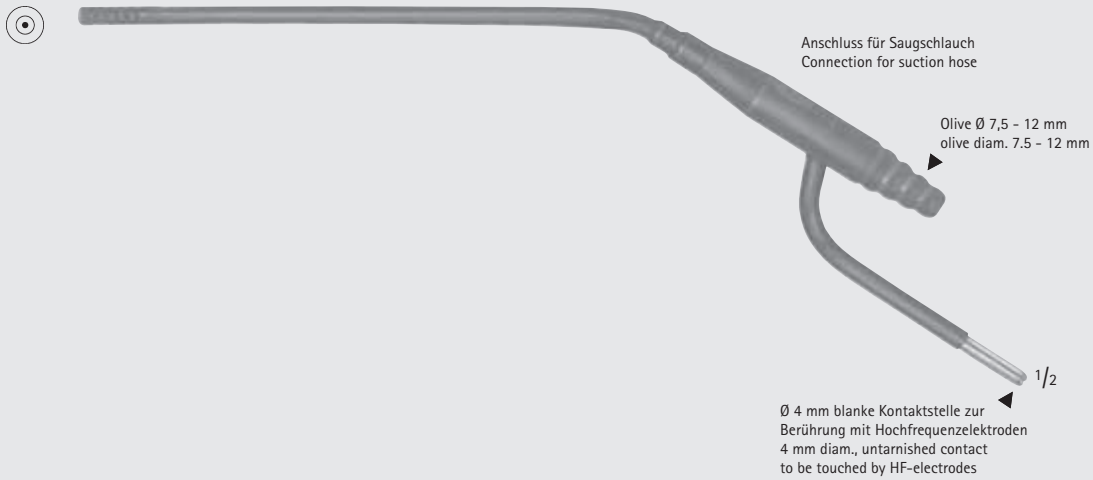
with finger cut-off and stylet, with LUER hub



Sauginstrumente – Suction Instruments

Koagulations-Saugkanüle

Coagulation Suction Cannula



LANDOLT

GK550

5,0 mm

mit Saugunterbrecher und Mandrin,
sterilisierbar im Autoklav bis 143 °C (3 bar)

with finger cut-off and stylet,
can be sterilized in an autoclave up to 143 °C (3 bar)

GF



MILLIMETERS



INCHES



JG



Nierenschalen, Laborschalen
Kidney Trays, Bowls

Nierenschalen, Laborschalen – Kidney Trays, Bowls

Messbecher, Laborschalen, Nierenschalen

Medical Measures, Round Bowls, Kidney Trays



JG514R

Medizinbecher,
graduiert,
0,05 Liter
Medical measure,
graduated,
0.05 litre



JG515R

Messbecher, 0,1 Liter
Medical measure,
graduated, 0.1 litre



JG516R

Messbecher, graduiert,
0,25 Liter
Medical measure,
graduated, 0.25 litre



JG518R

Messbecher, graduiert,
1,0 Liter
Medical measure,
graduated, 1.0 litre



	Inhalt (Liter) Capacity (litre)	Abmessungen in cm (oben x unten x Höhe) Dimensions in cm (upper x lower x height)
JG520R	0,02	4,0 x 2,8 x 1,9
JG521R	0,06	6,1 x 4,2 x 3,0
JG522R	0,16	8,3 x 5,4 x 4,1
JG523R	0,4	11,1 x 7,2 x 5,6
JG524R	1,0	15,1 x 10,0 x 7,3
JG525R	2,5	21,1 x 14,5 x 9,6

Laborschalen
Round bowls



JG504R	170 mm	6 3/4"
JG506R	250 mm	10"
JG508R	275 mm	10 3/4"

Nierenschalen
Kidney trays



Nierenschalen, Laborschalen – Kidney Trays, Bowls

Sterilisierzangen
Sterilizing Forceps

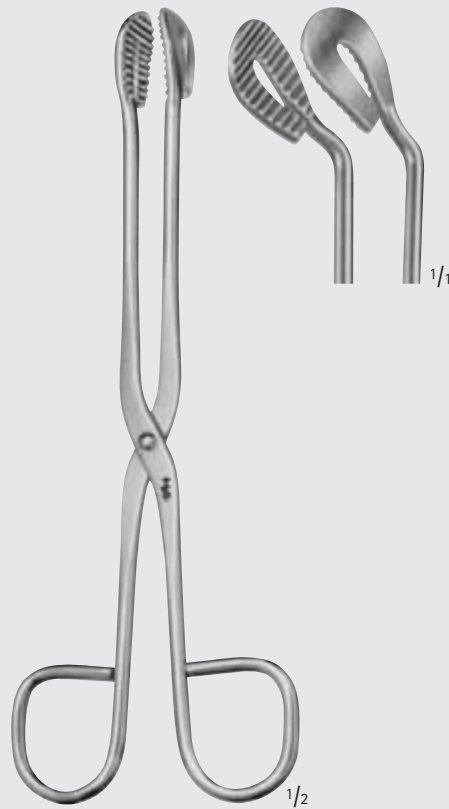
JG



CHEATTLE

JG820R

280 mm, 11"



JG822R

210 mm, 8 1/4"



MILLIMETERS



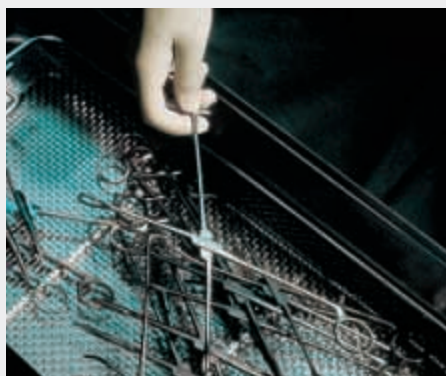
JG



Instrumentenpflege, Reinigungshinweise
Care and Maintenance of Instruments

Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Reinigung – Desinfektion – Sterilisation von chirurgischen Instrumenten



Bitte berücksichtigen Sie bei der Aufbereitung Ihrer hochwertigen Aesculap Instrumente die nachstehenden Empfehlungen.



Behandlung fabrikneuer Instrumente

Fabrikneue Instrumente sind vor der ersten Sterilisation bzw. Nutzung zu reinigen. Schutzkappen und Schutzfolien sind vollständig zu entfernen, z.B. bei Meißeln, Raspatorien oder mikrochirurgischen Instrumenten.

Nach jedem Gebrauch

- Kontaminiertes Instrument schnellstmöglich aufbereiten.
- Gelenkinstrument in einem 90°-Winkel öffnen.
- Bei maschineller Reinigung, Instrument auf reinigungsgerechte Siebkörbe legen (Spülschatten vermeiden).
- Zerlegbares Instrument in Einzelteile zerlegen.
- Vorzugsweise trocken entsorgen.
- Bei Nassentsorgung reinigungsaktive Desinfektionsmittel verwenden. Vor maschineller Reinigung und Desinfektion Instrument gründlich mit klarem, fließendem Wasser spülen.
- Falls nötig, Ultraschallbehandlung nach den Anweisungen des Geräteherstellers durchführen:
 - als effektive mechanische Unterstützung bei manueller Reinigung,
 - zur Vorbehandlung von Instrumenten mit angetrockneten Verschmutzungen vor der maschinellen Reinigung.
- Mikroinstrumente und Instrumente mit feinen Arbeitsenden sollten möglichst nicht im Ultraschall, sondern nur manuell oder maschinell gereinigt werden.

Bei maschineller Reinigung Mikro-Instrumente in geeigneten Lagerungshilfen lagern.

- Manuell oder maschinell reinigen. Herstellerangaben beachten.

Manuelle Reinigung/Desinfektion

- Instrument in ein geeignetes reinigungsaktives Desinfektionsmittel legen, so dass alle Oberflächen, Hohlräume, Lumen und Öffnungen bedeckt sind. Anweisungen des Desinfektionsmittelherstellers beachten.
- Nach der chemischen Desinfektion immer ausreichend und intensiv mit klarem und fließendem Wasser abspülen. Anweisungen des Desinfektionsmittelherstellers beachten.
- Anhaftende Verschmutzungen mit einer weichen Kunststoffbürste entfernen. Keine scheuernden Reinigungsmittel oder Metallbürsten verwenden.
- Lumen und Kanäle mit weichen Rundbürsten aus Kunststoff reinigen. Die Durchmesser von Lumen und Bürste müssen einander entsprechen.
- Schlusspülung mit destilliertem oder vollentsalztem Wasser durchführen.
- Instrument mit saugfähigem, weichem und fusselfreiem Tuch trocknen.
- Lumen und Kanäle mit Druckluft trocknen.

Maschinelle Reinigung/Desinfektion

- Bei der Programmwahl das Material (z.B. nichtrostender Instrumentenstahl, Aluminium) des zu reinigenden Instruments berücksichtigen. Anweisungen des Geräteherstellers beachten.
- Schlusspülung mit vollentsalztem Wasser durchführen.
- Ausreichende Trocknungsphase einhalten.
- Instrument sofort nach Beendigung des Programms aus der Maschine nehmen.



Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Reinigung – Desinfektion – Sterilisation von chirurgischen Instrumenten

Pflege/Prüfung

- Instrument auf Raumtemperatur abkühlen lassen.
- Bewegliche Teile (z.B. Gelenke und Schlüsse) mit sterilisierbarem, dampfdurchlässigem Pflegeöl leicht ölen (z.B. Sterilit Öl Spray JG600 oder Sterilit Instrumenten-Öl JG598).
- Nach jeder Reinigung, Desinfektion, Instrument prüfen auf Sauberkeit, Funktion und Beschädigungen, z.B. verbogene, zerbrochene, rissige, abgenutzte und abgebrochene Teile.
- Beschädigtes und defektes Instrument aussortieren und ersetzen.

Packen

- Instrument mit feinem Arbeitsende und/oder mikrochirurgisches Instrument in geeigneten Lagerungshilfen lagern.
- Instrument mit Sperre in der ersten Raste fixieren.

Empfohlene Produkte

STERILIT® JG600

Aesculap Ölspray in Sprühdose (FCKW-frei), zur Instrumentenpflege vor der Sterilisation. Physiologisch unbedenklich nach DAB und § 31 LMBG.



Sterilisation

- Sterilisieren mit Dampf, dabei folgendes beachten: Die Dampfsterilisation hat nach einem validierten Dampfsterilisationsverfahren (z.B. Sterilisator gemäß EN 285/ANSI/AAMI/ISO 11134-1993, ANSI/AAMI ST46-1993 und validiert gemäß EN 554/ISO 13683) zu erfolgen. Bei einer Anwendung des fraktionierten Vakuumverfahrens ist die Sterilisation mit dem 134°C -/ 2 bar-Programm bei einer Mindesthaltezeit von 5 Minuten durchzuführen.

STERILIT® JG598

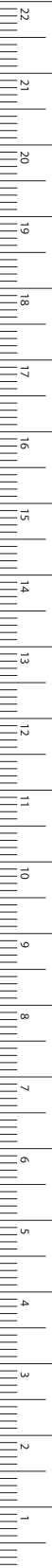
Aesculap Instrumenten-Öl, zum Ölen der Schlüsse, Sperren usw. vor der Sterilisation. Physiologisch unbedenklich nach DAB und § 31 LMBG.



Ausführliche Informationen zur Aufbereitung individueller Aesculap Produkte finden Sie in der Datenbank "Aufbereitung/Gebrauchsanweisungen" im Internet unter:

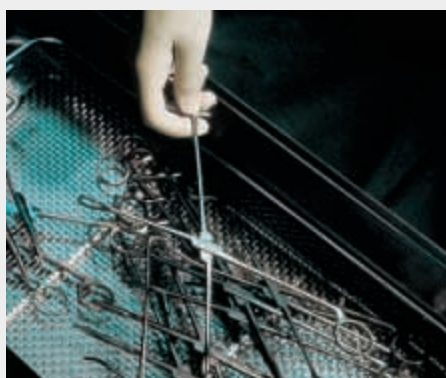
www.aesculap-extra.net

GR



Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Care and Maintenance of Surgical Instruments



Please observe the following recommendations for the care and maintenance of your high-quality Aesculap instruments.



Treatment of brand new Instruments

Brand new instruments must be cleaned before the first sterilization or use. Protective caps and protective films must be removed completely, for example in the case of chisels, raspatories or microsurgical instruments.

After each use

- Clean contaminated instruments as quickly as possible.
- Open instruments with a joint to a 90°- angle.
- For machine cleaning, place instrument in a wire basket suitable for the cleaning process (make sure cleaning solution and rinse water from machine comes into contact with all surfaces of the instrument).
- Completely dismantle any dismantlable instruments.
- Preferably dry removal tray in the OR.
- For wet removal always use an active cleaning disinfectant. Rinse the instrument thoroughly with clear, flowing water before machine cleaning and disinfecting.
- If necessary, treat with an ultrasound washer. Always use according to the manufacturer's instructions:
 - for effective mechanical cleaning before manual cleaning,
 - for pre-treatment of instruments with dried on contaminant before machine cleaning.

- Microsurgical instruments and instruments with fine working distal ends should not be treated with ultrasound. They should be cleaned either manually or in the washing machine. In case of cleaning in a machine please use a suitable storage rack.
- If cleaning manually or in a machine: always follow manufacturer's instructions. For detergents and other cleaning solutions.

Manual Cleaning/Disinfection

- Place instruments into a suitable disinfectant with active cleaning properties so that all surfaces, inner cavities, lumens and openings come into contact with the solution. Always follow the disinfectant manufacturer's instructions.
- After chemical disinfection, always rinse thoroughly with clear, flowing water. Always follow the instructions provided by the manufacturer of the disinfectant.
- Remove any contaminants still clinging to the instrument with a soft synthetic brush. Do not use a scouring or metal brush.
- Clean any lumens and conduits with soft, round, synthetic brushes. Please note, the lumen and the brush must have the same diameter.
- Final rinsing to be done with distilled or de-ionized water.
- Dry instrument with an absorbent, soft and lint-free cloth.
- Dry lumens and conduits with compressed air. Always use this method with caution.

Machine Cleaning/Disinfection

- Select the program according to the material of the instrument (e.g. stainless instruments, steel, aluminium) to be cleaned. Always follow the machine manufacturer's instructions.
- Final rinsing to be done with de-ionized or demineralized water.



Instrumentenpflege, Reinigungshinweise – Care and Maintenance of Instruments

Care and Maintenance of Surgical Instruments

- Leave sufficient time for drying.
- Remove the instrument from the machine immediately after the program is finished.

Care/Testing

- Allow instruments to cool down to room temperature.
- Lubricate movable parts (e.g. joints and ends) with special sterilization-capable, steam-permeable lubricant (e.g. Sterilit Oil Spray JG600 or Sterilit Instrument Oil JG598).
- After each cleaning, disinfection process, check the instrument to make sure it is clean, that it functions properly and it has not suffered any damage, e.g. bent, broken, fractured or worn parts.
- Remove any damaged and defective instruments and replace with functional items and send away any product which is damaged for repair.

Storage

- Place instruments with the fine working end and/or microsurgery instruments in a suitable storage rack. Always secure micro instruments properly.
- Where possible sterilize instruments on the first ratchet.

Sterilization

- To steam sterilize, proceed as follows: Steam sterilization must be carried out according to a validated steam sterilization process (e.g. with a sterilizer meeting the specifications of EN 285/ANSI/AAMI/ISO 11134-1993, ANSI/AAMI ST46-1993 and validated according to EN 554/ISO 13683.). When using the fractional vacuum method, use the 134°C/-2 bar program for sterilization with a minimum hold time of 5 minutes.



Recommended Products

STERILIT® JG600

Aesculap Oil Spray in aerosol can (ozone-friendly), for maintenance of instruments prior to sterilization. Physiologically inert acc. to DAB and § 31 LMBG (German Pharmacopoeia).



STERILIT® JG598

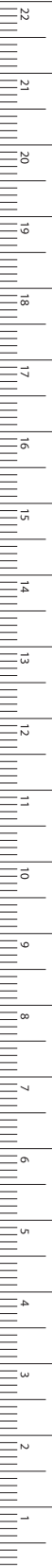
Aesculap Instrument Oil, for box locks, ratchets etc. prior to sterilization. Physiologically inert acc. to DAB and § 31 LMBG (German Pharmacopoeia).



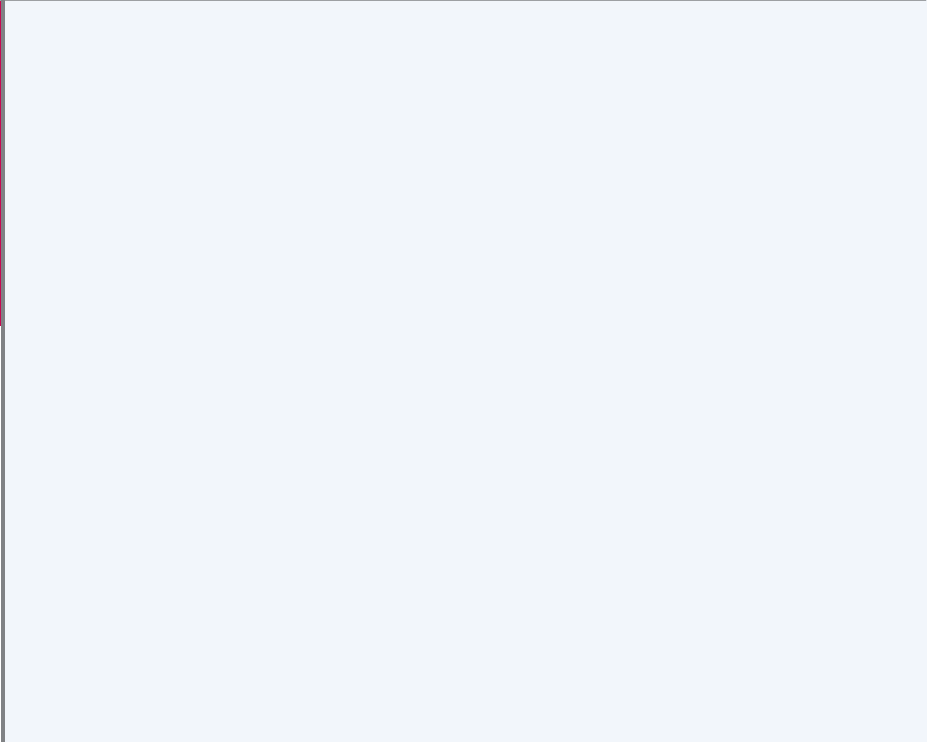
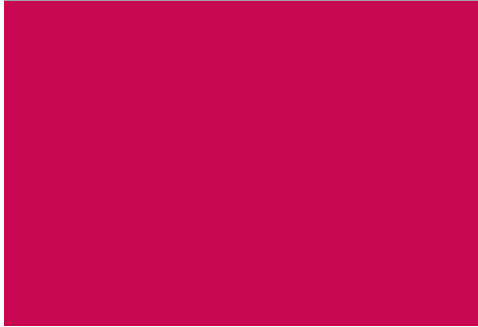
You will find detailed information about the reprocessing of individual Aesculap products in the data base "Reprocessing/Instructions for Use" on the internet:

www.aesculap-extra.net

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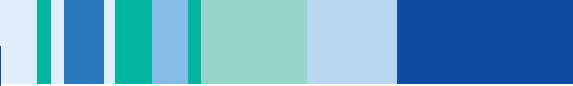
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