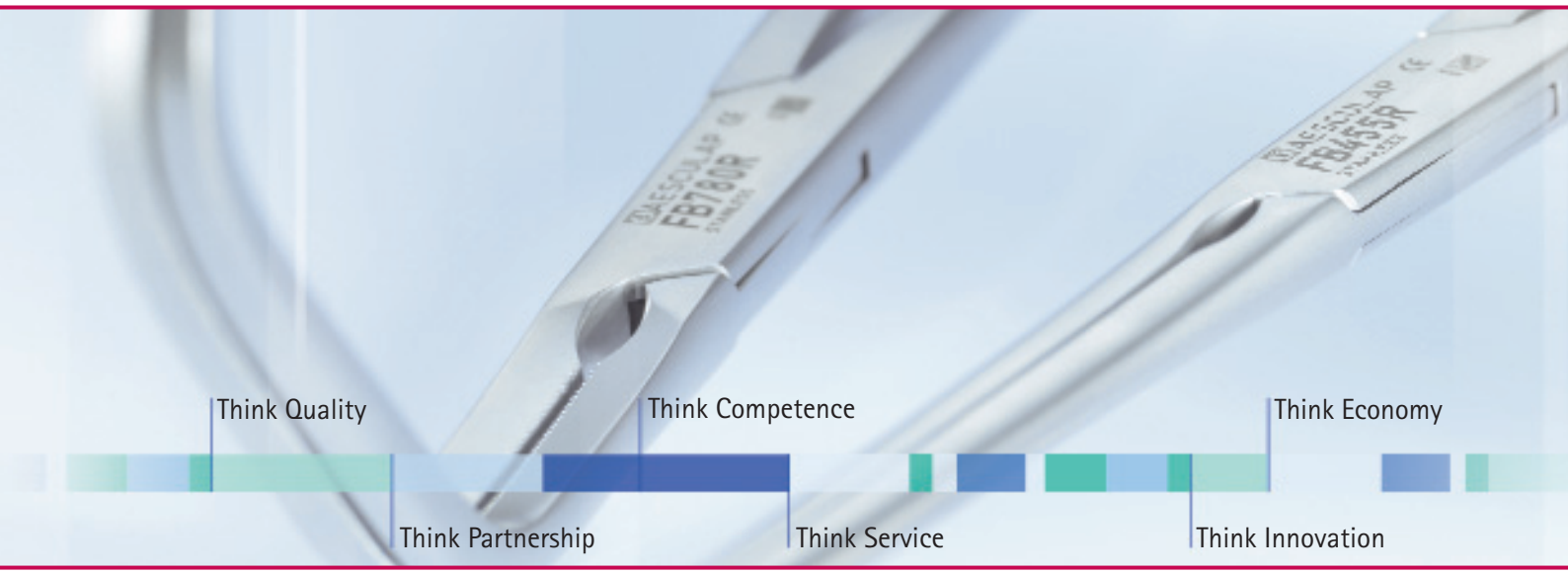
Aesculap Surgical Instruments

General Catalog



Think Surgical Instruments. Think Aesculap.

B|BRAUN
SHARING EXPERTISE

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 Qualitätsmanagement-Systems 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 ausgezeichneter Kooperation zwischen Chirurg und Entwicklungsteam und immer vor Ort, mal im OP, mal in der Werkstatt."

Think Competence. Think Aesculap.

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

Dipl.-Betrw. 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"

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 merkbaren 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-Trakts 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 Operateurs 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 Verschlankung 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 Mitarbeitereinsatzes 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"	Beispiel nachher „mit Aesculap Sieboptimierung"
MIC-Set + Basis-Set ca. 120 Instrumente	MIC-Set + einige zusätzliche Standard-Instrumente ca. 45 Instrumente
2 Sterilguteinheiten	**1 Sterilguteinheit**
bei einem Mittelwert von 15 Eingriffen pro Woche	bei einem Mittelwert von 15 Eingriffen pro Woche
1560 Sterilguteinheiten im Jahr	**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 Mikrofederschere 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.

Fachkundelehrgänge 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 Fachkundelehrgänge Sterilgutversorgung I – III von November 2002 bis Dezember 2003 an der Aesculap Akademie in Tuttlingen. In den Fachkundelehrgängen 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 Fachkundelehrgänge 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 Fachkundelehrgänge 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.

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,

Aesulap 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 cooperative 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

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"

"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 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.

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 setaside. 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 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:	After Set Optimization by Aesculap:
Laparoscopic set + basic set approx. 120 instruments	Laparoscopic set + some additional standard instruments approx. 45 instruments
2 sterile reprocessing units	**1 sterile reprocessing unit**
with an average figure of 15 operations per week	with an average figure of 15 operations per week
1560 sterile reprocessing units per year	**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

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.

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 simplier 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.

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
- Arthoplasty
- 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."

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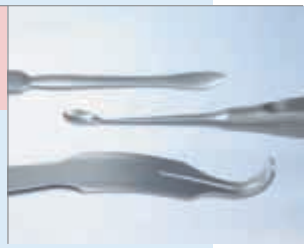

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Examination-Diagnostic, Preparation

Untersuchung – Diagnostik – Examination – Diagnostic

Reflexspiegel und Stirnbänder

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

AC413

Stirnband aus Plastik, schwarz, allein

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)

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

OM202R

145 mm, 5 3/4"

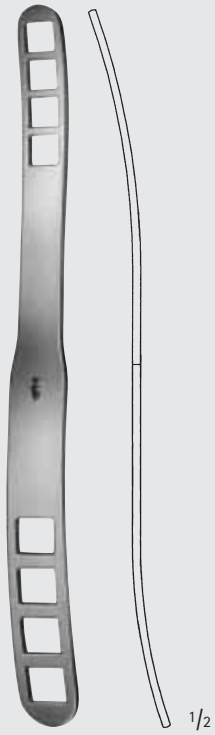
OM203R

140 mm, 5 1/2"

BUCHWALD

OM205R

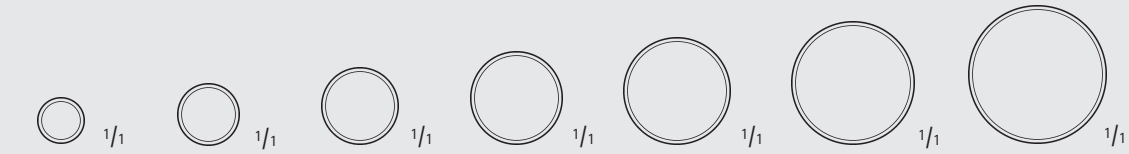
180 mm, 7"



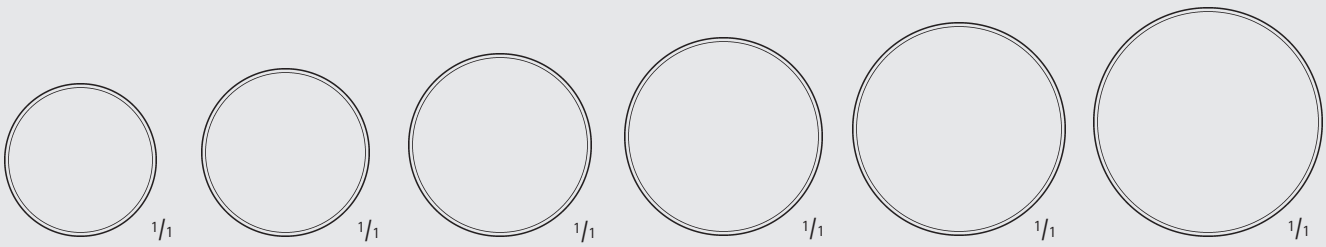
BRUENINGS

OM208R

190 mm, 7 1/2"



OM078R/ AC468R	OM079R/ AC469R	OM080R/ AC470R	OM081R/ AC471R	OM082R/ AC472R	OM083R/ AC473R	OM084R/ AC474R
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
Ø 6 mm	Ø 8 mm	Ø 10 mm	Ø 12 mm	Ø 14 mm	Ø 16 mm	Ø 18 mm
diam. 6 mm	diam. 8 mm	diam. 10 mm	diam. 12 mm	diam. 14 mm	diam. 16 mm	diam. 18 mm



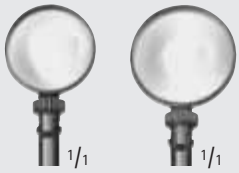
OM085R/ AC475R	OM086R/ AC476R	OM087R/ AC477R	OM088R/ AC478R	OM089R/ AC479R	OM090R/ AC480R
Fig. 5	Fig. 6	Fig. 7	Fig. 8	Fig. 9	Fig. 10
Ø 20 mm	Ø 22 mm	Ø 24 mm	Ø 26 mm	Ø 28 mm	Ø 30 mm
diam. 20 mm	diam. 22 mm	diam. 24 mm	diam. 26 mm	diam. 28 mm	diam. 30 mm

OM078R–OM090R
Kehlkopfspiegel mit Sechskantgriff
Laryngeal mirrors with hexagonal handle
180 mm, 7"

AC468R–AC480R
Kehlkopfspiegel
Laryngeal mirrors
120 mm, 4 3/4"

AC481R
Spiegelgriff
Mirror handle
110 mm, 4 3/8"

AC483C
Spiegelgriff
Mirror handle
105 mm, 4 1/8"



AC497R	AC498R
Ø 12 mm	Ø 14 mm
diam. 12 mm	diam. 14 mm

MICHEL

AC497R/ AC498R
Rhinoskopiespiegel
Rhinoscopic mirrors
250 mm, 10"

Untersuchung – Diagnostik – Examination – Diagnostic

Stimmgabeln
Tuning Forks

1/2

HARTMANN

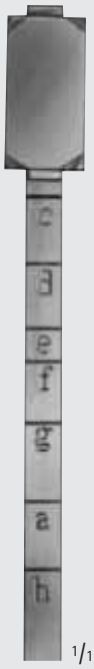
OF001N	= c 128
OF002N	= c^1 256
OF003N	= c^2 512
OF004N	= c^3 1024
OF005N	= c^4 2048
OF006N	= c^5 4096

1/2

OF010N = a^1 440

Stimmgabeln für Neurologen
Tuning forks for neurologists

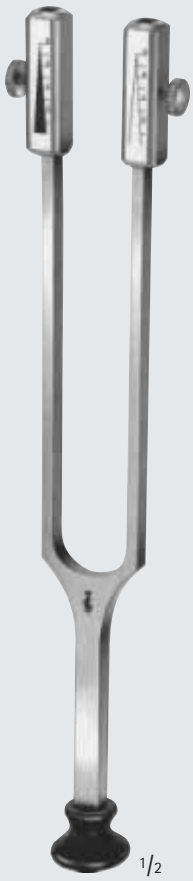
1/2



1/1

LUCAE

OF031N = c 128

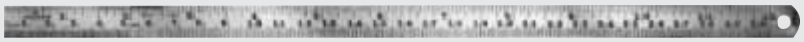


1/2

RYDEL-SEIFFER

OF033N

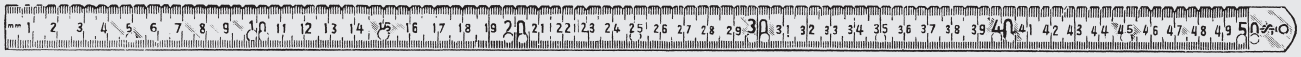
mit Dämpfer = c 64
ohne Dämpfer = c 128
with clamps = c 64
without clamps = c 128

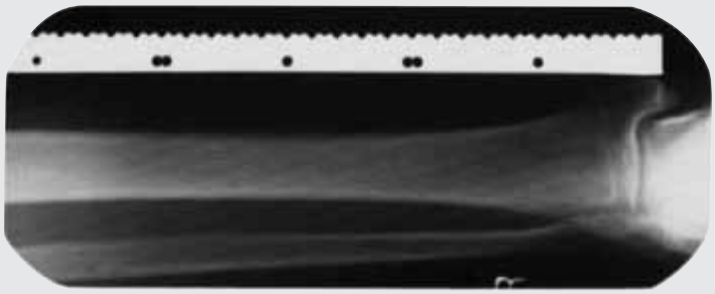


AA804R–AA806R

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

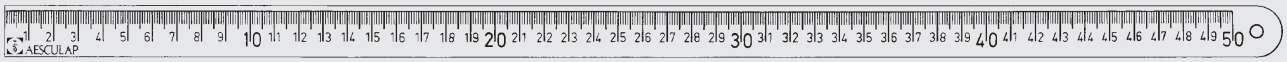
AA804R	AA805R	AA806R
150 mm	300 mm	500 mm
6"	12"	20"

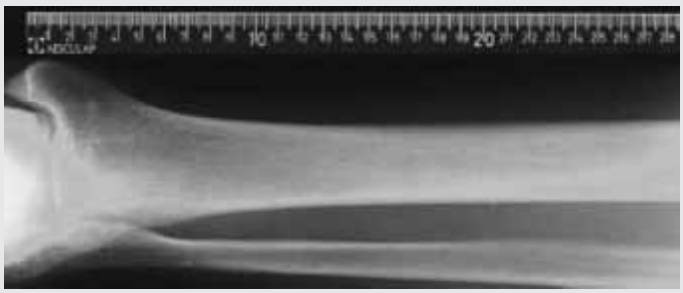




AA808R

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 Millimetereinteilung 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"

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

AA821C–AA822C

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

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

AA826

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

Untersuchung – Diagnostik – Examination – Diagnostic

Instrumente zum Messen

Instruments for Measuring

1/2

AA845R

Spezial-Messschieber
für die Neurochirurgie

Special caliper
for neurosurgery

125 mm, 5"

1/3

AA846R

Messschieber,
Messbereich bis 150 mm

Caliper,
measuring range up to 150 mm

230 mm, 9"

1/2

AA847R

Messschieber,
Messbereich bis 100 mm

Caliper,
measuring range up to 100 mm

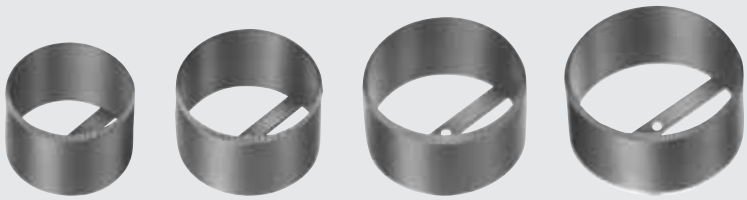
130 mm, 5 1/8"

1/2

AD110R

Finger-Goniometer

Finger goniometer



AD123R	AD125R	AD127R	AD129R
Ø 33 mm	Ø 38 mm	Ø 42 mm	Ø 48 mm
diam. 33 mm	diam. 38 mm	diam. 42 mm	diam. 48 mm

AD123R–AD129R

Mamillenmarkierer, gezahnt

Mamilla marker, toothed

BA244R

Rasierklingenmesser 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 Electra ® 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 Electra ® 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.

weitere Waschzangen siehe Rubrik BF
further dressing forceps see section BF

BF046R

BF047R

GROSS

BF046R-BF047R

Waschzangen
Dressing forceps
200 mm, 8"

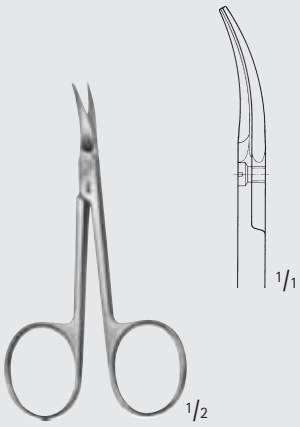
BF060R

BF061R

AESCULAP

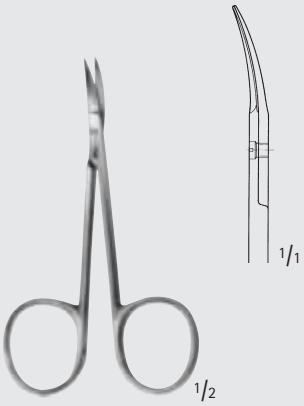
BF060R-BF061R

Waschzangen
Dressing forceps
220 mm, 8 3/4"



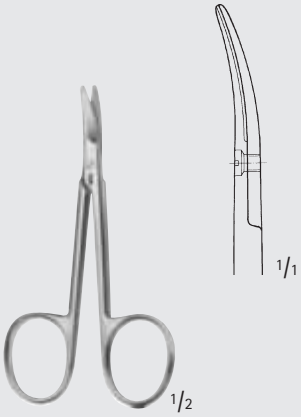
HF400R

Nagelschere
Nail scissors
90 mm, 3 1/2"



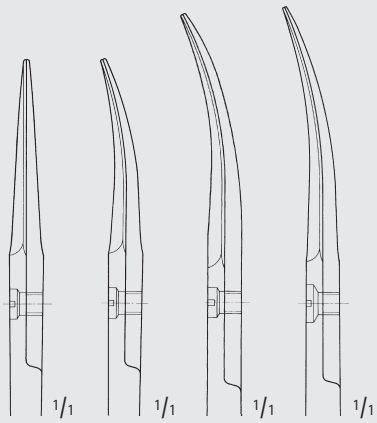
HF409R

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



HF032R

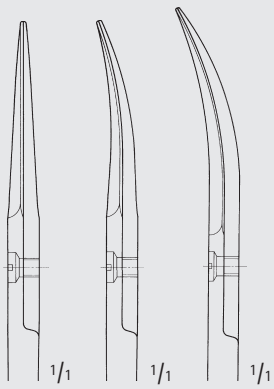
Baby-Nagelschere
Baby nail scissors
85 mm, 3 1/8"



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

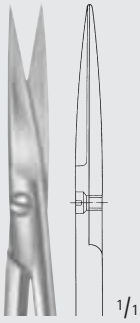


HF028R	HF030R	HF031R
95 mm	95 mm	105 mm
3 3/4"	3 3/4"	4 1/8"

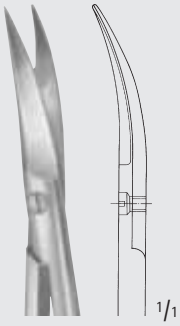
HF028R–HF031R

Nagelscheren
Nail scissors

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"

1/2

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

1/1 1/1

HF514R

Nagelfeile
Nail file
100 mm, 4"

1/1

HF566R

Nagelfeile
Nail file
150 mm, 6"

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

FERGUSSON-ACKLAND

OM044R

Mundsperrer
Mouth gag
145 mm, 5 3/4"

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"

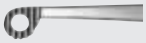
FERGUSSON-ACKLAND
OM044R
Mundsperrer
Mouth gag
145 mm, 5 3/4"

OM047R
Mundsperrer
Mouth Gag
125 mm, 5"

OM048R
Mundsperrer
Mouth gag

ROSER-KÖNIG
OM049R
Mundsperrer
Mouth gag
185 mm, 7 1/4"

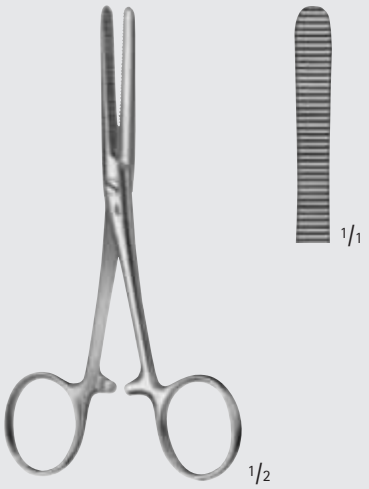
MAGILL
AN379R–AN381R
Kathetereinführungszangen
Catheter introducing forceps



AN379R
für Kleinkinder
for infants
150 mm
6"

AN380R
für Kinder
for children
200 mm
8"

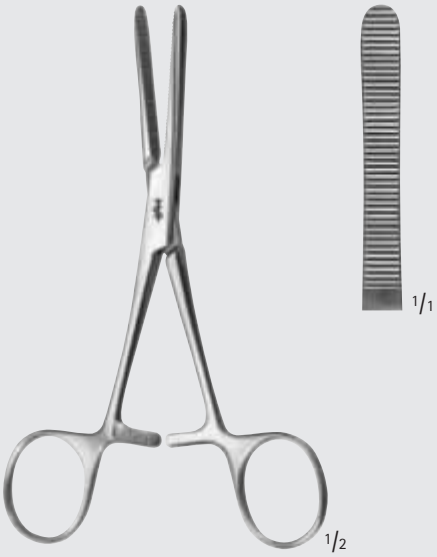
AN381R
für Erwachsene
for adults
250 mm
10"



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"

glattes Maul
smooth jaw

AN909R

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

gerieftes Maul
serrated jaw

AN910R

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

AN911R
Schlauchklemme
Tubing clamp
180 mm, 7"

AN912R
Schlauchklemme
Tubing clamp
180 mm, 7"

kräftig gerieftes Maul
heavy wedge jaw

AN913R
Schlauchklemme
Tubing clamp
200 mm, 8"

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

MD452R–MD454R
Schlauchklemmen
Tubing clamps

SAUERBRUCH

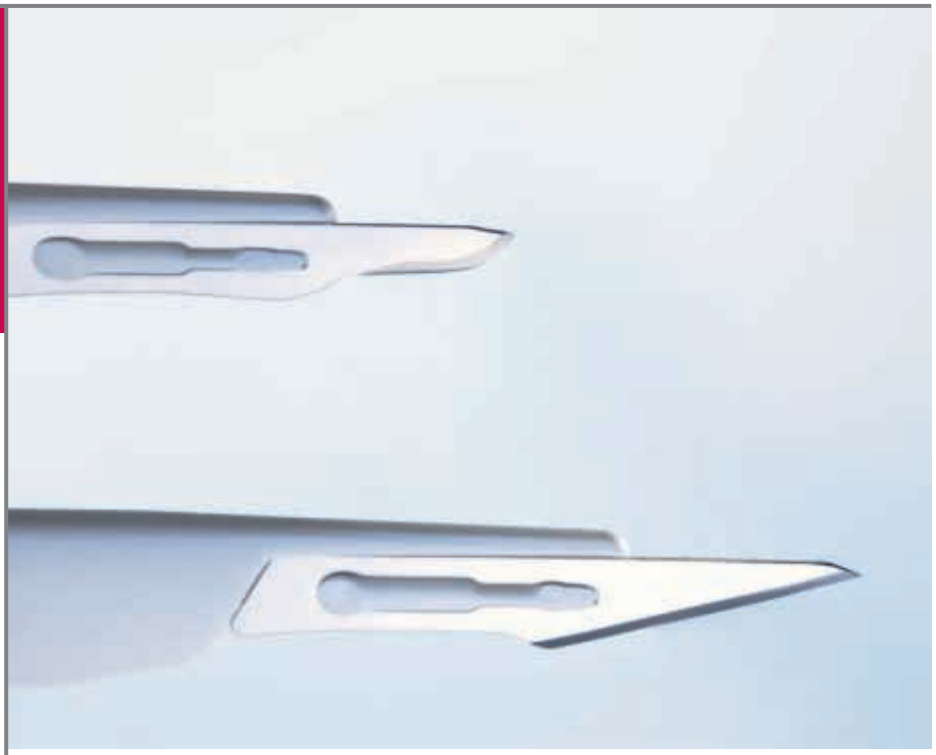
JG850R

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

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

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"

BA364
165 mm, 6 1/2"

BA365
165 mm, 6 1/2"

BA367
165 mm, 6 1/2"

1/1

ECKHOFF

BA704R

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

1/1

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

BA705

Zeichenfeder, allein
zum Einmalgebrauch
Nib, only
for single use

AD099R

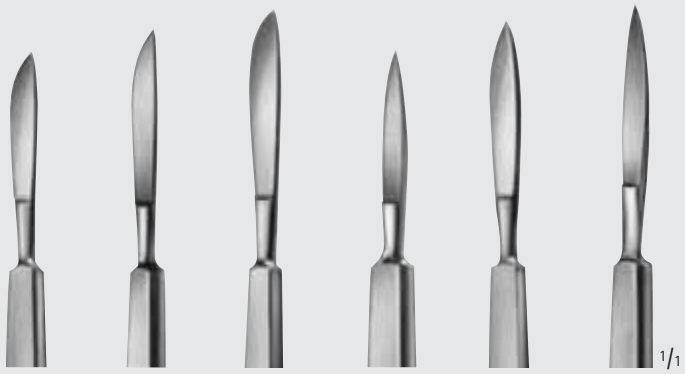
Metallgefäß für
Markierungsflüssigkeit
Metal ink pot

Sterilskalpelle – Sterile Scalpels

Skalpelle

Scalpels

1/1



1/1

BA401R BA402R BA403R BA407R BA408R BA409R

BA401R–BA409R

130 mm, 5 1/8"

1/1

1/1

BERGMANN

BA451R

140 mm, 5 1/2"

1/1

BA501R | BA503R | BA504R | BA506R | BA507R | BA508R | BA509R | BA546R | BA514R | BA563R

Tenotom
Tenotome

1/1

BA501R–BA563R

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

Sterilskalpelle – Sterile Scalpels

Amputationsmesser
Amputation Knives

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"

1/2

FH160R

Phalangenmesser
Phalangeal knife

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

doppelschneidig
double cutting

1/2

FH166R

Zwischenknochenmesser
Interosseous knife

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

1/2

FH170R

Beinhautmesser
mit Schaber
Periosteum knife
with raspatory

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

1/1

FH191R FH192R

1/2

LANGENBECK

FH191R-FH192R

Resektionsmesser
Resection knives

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

Sterilskalpelle – Sterile Scalpels

Fistelmesser

Fistula Knives

1/1

BA604R

BA605R

1/1

BA606R

SIMON

BA604R–BA606R

200 mm, 8"

1/1

ULRICH

BA611R

225 mm, 9"

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"

Sterilskalpelle – Sterile Scalpels

Skalpelle
Scalpels

Meniskusmesser siehe Rubrik FO
Meniskus knives see section FO

MASING

OL114R

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

OL102R

gerade
straight

OL104R

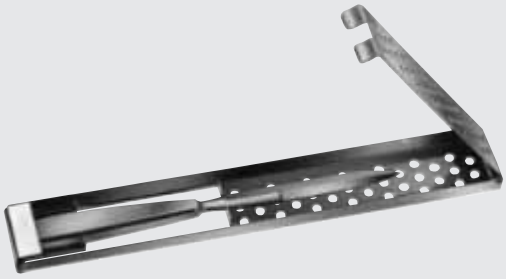
gebogen
curved

JOSEPH

OL102R-OL104R

Plastikmesser

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



FH194R

Sterilisierrahmen 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

Sterilisierrahmen 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

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"

1/1

KEYES MODIF.

OL670R

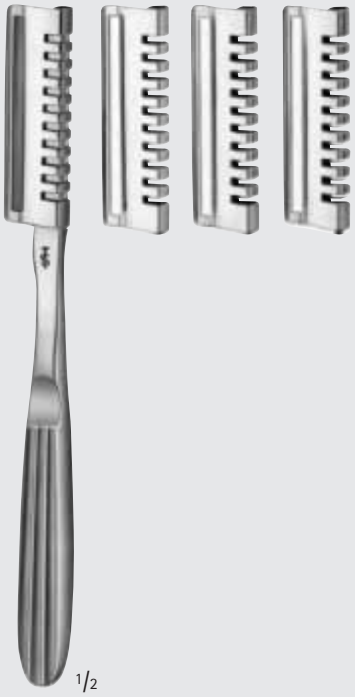
Hautstanze, komplett,
mit 5 auswechselbaren Aufsätzen, Griff und Gestell

Dermal punch, complete
with 5 interchangeable tips, handle and rack

Sterilskalpelle – Sterile Scalpels

Handdermatome

Skin Grafting Knives



1/2

1/2

1/2

BA711R

Ersatzklingen, unsteril
Bestelleinheit:
PAK = Packung à 50 Stück

Spare blades, non sterile
Sales unit:
PAK = Package of 50 pieces

GOULIAN

BA710R

Dermatom mit 3 Schnitt-schablonen 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"

1/3

BA708R

Ersatzklinge allein

Spare blade only

BA709R

Spannplatte allein

Skin straightening plate only

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"

1/2

SILVER

BA715R

Dermatom,
ohne Klingen

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

1/2

WATSON

BA719R

Dermatom,
ohne Klingen

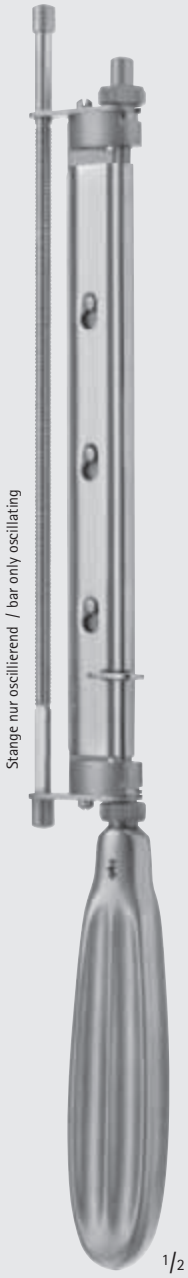
Skin graft knife,
without blade

300 mm, 12"

BA718R

Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à
10 Stück

Spare blade, sterile
Sales unit:
PAK = Package of
10 pieces



1/2

COBBETT

BA717R

Dermatom,
ohne Klingen

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

1/2

BRAITHWAITE

BA712R

Dermatom,
ohne Klingen

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

1/2

HUMBY

BA713R

Dermatom,
ohne Klingen

Skin graft knife,
without blades

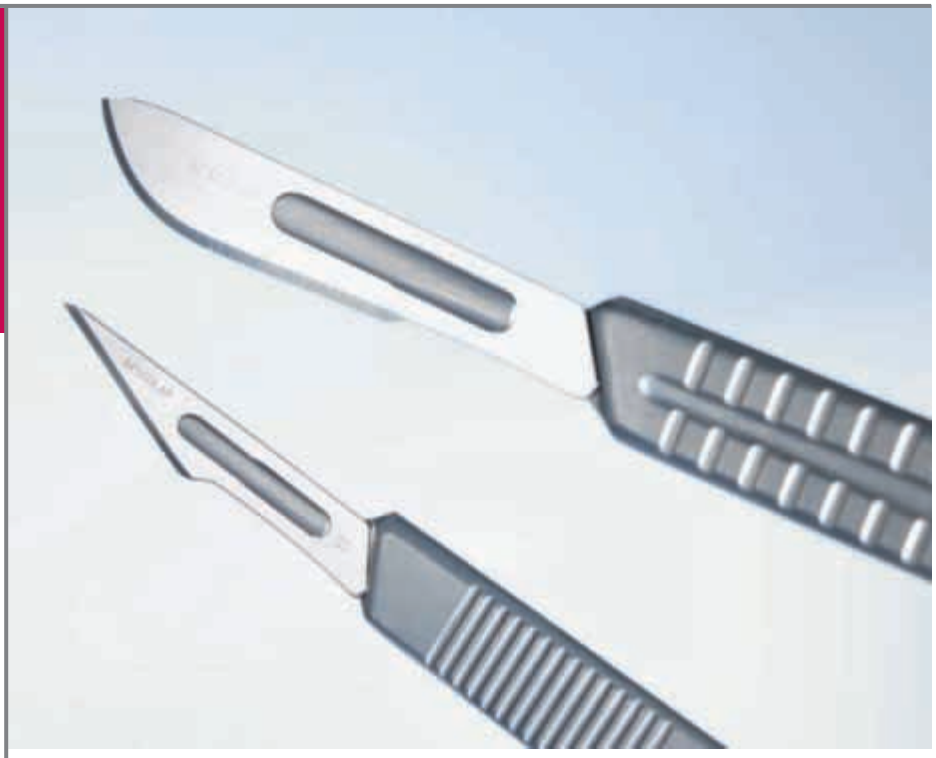
365 mm, 13 3/4"

BA714R

Ersatzklinge, steril
Bestelleinheit:
PAK = Packung à
10 Stück

Spare blade, sterile
Sales unit:
PAK = Package of
10 pieces

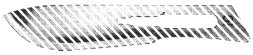
BB



Skalpellklingen und Griffe
Scalpel Blades and Handles

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

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

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

BB175R
No. 3 XL
250 mm, 10"

1/1

BB176R **BB178R**

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

BB177R

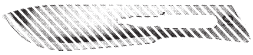
1/1

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

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

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

BB078R
225 mm, 9"

1/1

BB079R
225 mm, 9"

1/1

1/1

BB071R
210 mm, 8 1/4"

1/1

BB070R
155 mm, 6"

1/1

BB073R
No. 3
125 mm, 5"

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

1/1

BB084R
No. 4
135 mm, 5 1/4"

1/1

BB085R
No. 4 L
215 mm, 8 1/2"

2/3

BB087R
No. 4 XL
250 mm, 10"

BB080R
No. 4
225 mm, 9"

1/1

BB088R
No.8
130 mm, 5 1/8"

1/1

BB089R
145 mm, 5 3/4"

Skalpellklingen und Griffe – Scalpel Blades and Handles

Sterilklingen

Sterile Scalpel Blades

vakuum vergütet
heat-treated in vacuum

steril
sterile

No. 3

1/1

Carbon Steel **BB510**
Stainless Steel **16600495**

1/1

BB511
16600509

1/1

BB512
16600517

1/1

BB513
16615492

1/1

BB515
16600525

1/1

Carbon Steel **BB515-1**

1/1

BB515-C

1/1

BB540
doppelschneidig
double cutting

1/1

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

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

1/1

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

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

1/1

Carbon Steel	BB500
Stainless Steel	16600487

Fadenmesser
Stitch-cutter
Bestelleinheit:
PAK = Packung à 100 Stück
Sales unit:
PAK = Package of 100 pieces

MILLIMETERS

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe, rund, für mikrochirurgische Klingen

Scalpel Handles, Round, for Microsurgery Blades

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"

Skalpellklingen und Griffe – Scalpel Blades and Handles

Skalpellgriffe für mikrochirurgische Klingen - Mikrochirurgische Klingen

Scalpel Handles for Microsurgery Blades - Microsurgery Blades

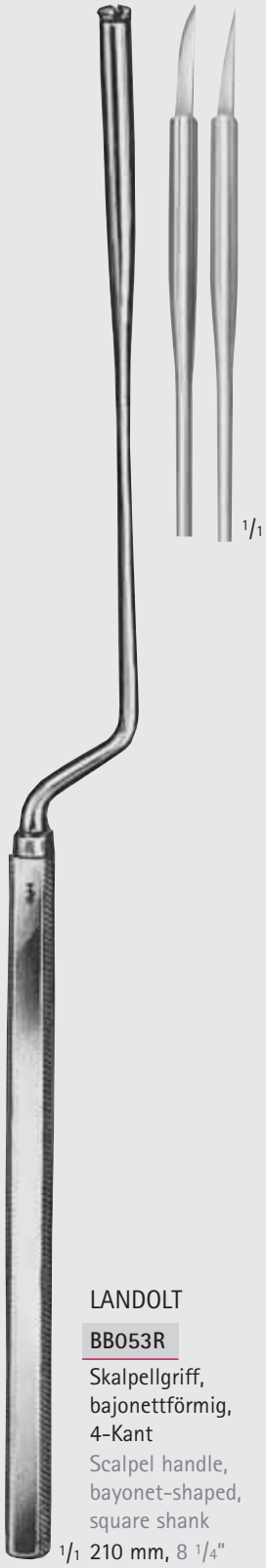
LANDOLT

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"

BB361R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB362R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB363R

ST = Packung à 1 Stück

ST = Package of 1 piece

BB364R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB365R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB366R

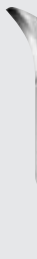
ST = Packung à 1 Stück

ST = Package of 1 piece

BB367R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces



BB368R

PAK = Packung à 10 Stück

PAK = Package of 10 pieces

BB369R

ST = Packung à 1 Stück

ST = Package of 1 piece

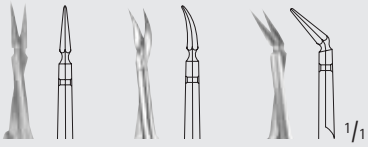
BC

Scheren
Scissors

Scheren – Scissors

Mikro-Federscheren mit Flachgriff

Micro Scissors (Spring Type) with Flat Handles

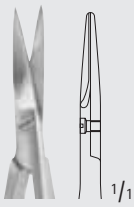


OC498R OC499R OC500R

VANNAS

OC498R–OC500R

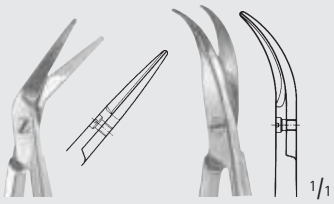
85 mm, 3 3/8"



MC CLURE

OC480R

95 mm, 3 3/4"



OC485R

seitwärts abgewinkelt

angled to side

OC486R

CASTROVIEJO

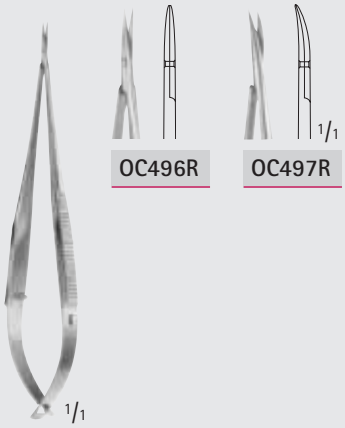
OC485R–OC486R

95 mm, 3 3/4"

NOYES

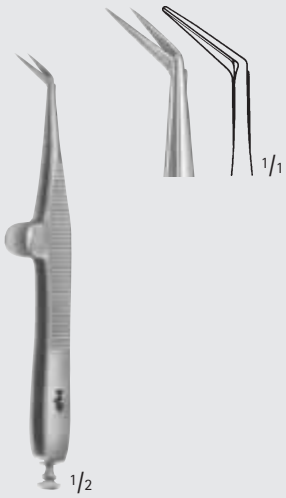
OC482R

125 mm, 5"



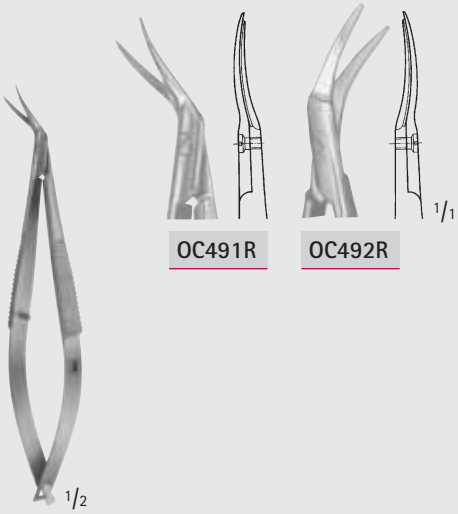
OC496R OC497R

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"

Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil

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

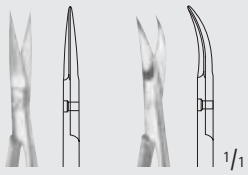
... mit Flachgriffen und Karoprofil

- breite Flachgriffe mit griffigem Karoprofil
- sichere Handhabung

... with flat handle and cross-serration

- flat handles, sure grip due to cross-serration

1/2



1/1

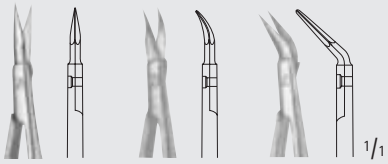
FD012R FD013R

FD012R-FD013R

120 mm, 4 3/4"

1/2

VANNAS



1/1

FD014R FD015R FD011R

abgewinkelt

angled on flat

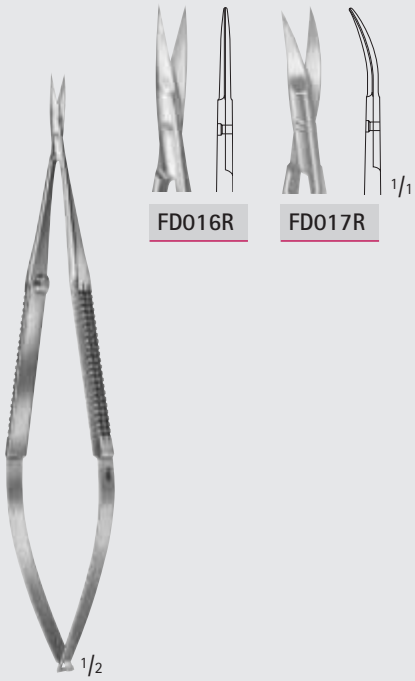
FD011R-FD015R

120 mm, 4 3/4"

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

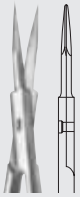
FD016R–FD017R
160 mm, 6 1/4"

Scheren – Scissors

Mikro-Federscheren mit Flachgriffen und Karoprofil

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

1/2



FD018R

1/1

FD019R

VANNAS

FD018R–FD019R

160 mm, 6 1/4"

1/2

FD020R

1/1

FD021R

MILLESI

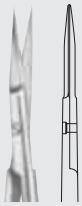
FD020R–FD021R

Schneiden gezahnt

Blades serrrated

160 mm, 6 1/4"

1/2



YASARGIL

FD022R

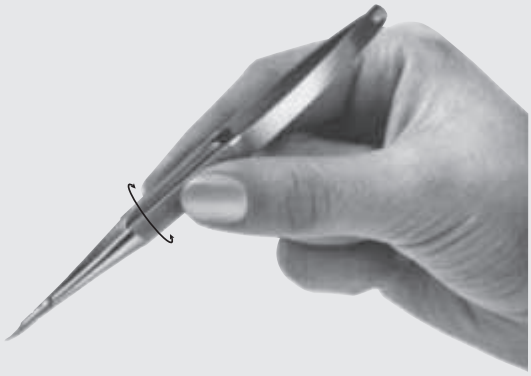
1/1

JACOBSON

FD023R

FD022R–FD023R

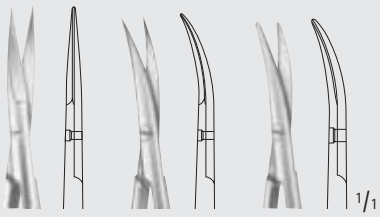
185 mm, 7 1/4"



... 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.

1/2



1/1

FD100R | FD101R | FD103R

Mikro-Präparierschere
Micro dissecting scissors

FD100R–FD103R
145 mm, 5 3/4"

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 fatiguefreeworking and optimum handling.

FM010R
spitz/spitz
sharp/sharp

FM011R
spitz/spitz
sharp/sharp

FM012R
spitz/stumpf
sharp/blunt

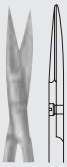
FM013R
stumpf/stumpf
blunt/blunt

FM014R
Kugel/spitz
probe pointed/sharp

MÜLLER

FM010R–FM014R

120 mm, 4 3/4"



FM040R
spitz/spitz
sharp/sharp

FM041R
spitz/spitz
sharp/sharp

MÜLLER

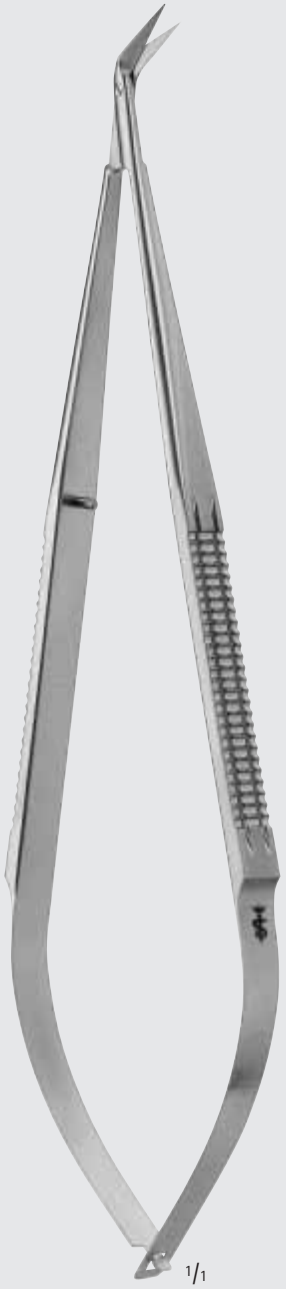
FM040R–FM041R

170 mm, 6 3/4"

Scheren – Scissors

Mikro-Federscheren mit Flachgriff

Micro Scissors with Flat Handle



1/1

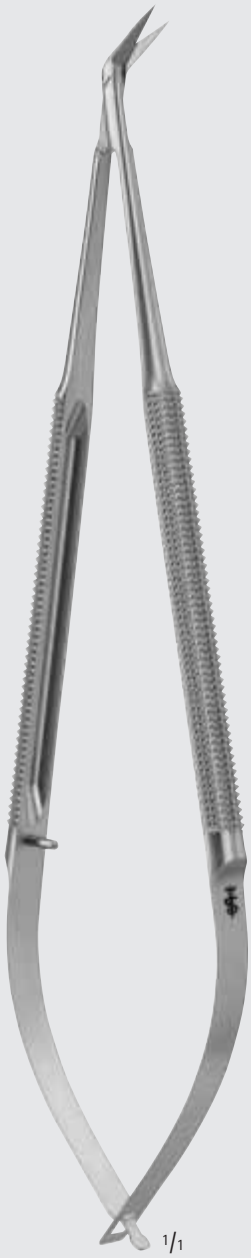
165 mm, 6 1/2"

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

Scheren – Scissors

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handle



1/1

165 mm, 6 1/2"

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

Scheren – Scissors

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handles

1/1
spitz
sharp

1/2

FM042R

Mikro-Schere
Micro scissors
180 mm, 7"

1/1
spitz
sharp

1/2

FD251R

Mikro-Schere
Micro scissors
180 mm, 7"

1/1
1 Blatt mit Knopf
1 blade probe pointed

1/2

FM043R

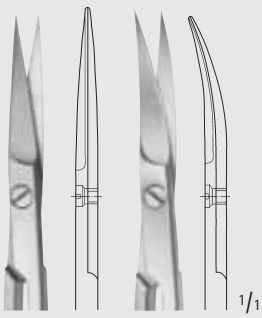
Mikro-Schere
Micro scissors
180 mm, 7"

1/1
spitz/spitz,
1 Blatt gezahnt
sharp/sharp,
1 blade serrated

1/2

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"

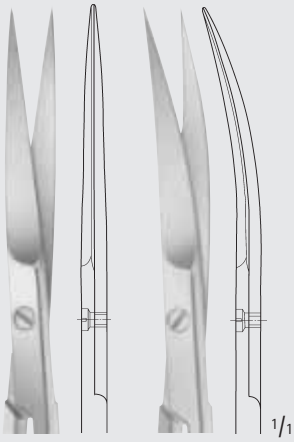


BC004R BC005R

BC004R-BC005R

115 mm, 4 1/2"

JOSEPH



BC006R BC007R

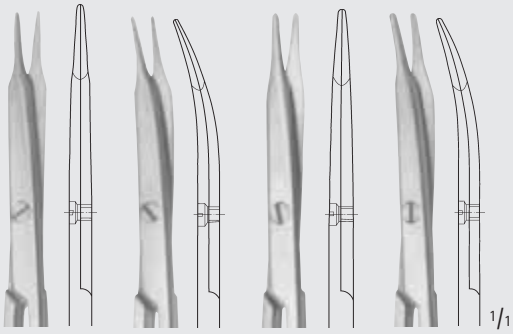
BC006R-BC007R

150 mm, 6"

Scheren – Scissors

Feine Scheren - große Ringform

Delicate Scissors - Large Ring Design



BC008R	BC009R	BC010R	BC011R
spitz	spitz	stumpf	stumpf
sharp	sharp	blunt	blunt

STEVENS

BC008R-BC011R

Präparierscheren

Dissecting scissors

115 mm, 4 1/2"

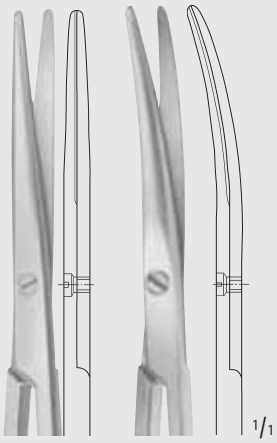
BC020R	BC021R

BC020R-BC021R

Präparier- und Strabismusscheren

Dissecting- and strabismus scissors

115 mm, 4 1/2"



BC022R	BC023R

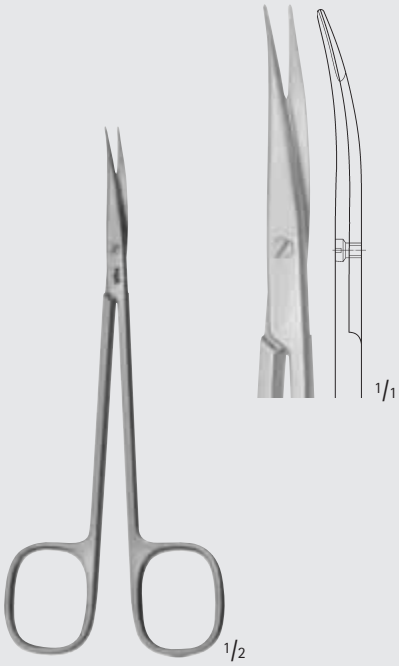
METZENBAUM

BC022R-BC023R

Präparierscheren

Dissecting scissors

145 mm, 5 3/4"



REYNOLDS-JAMESON

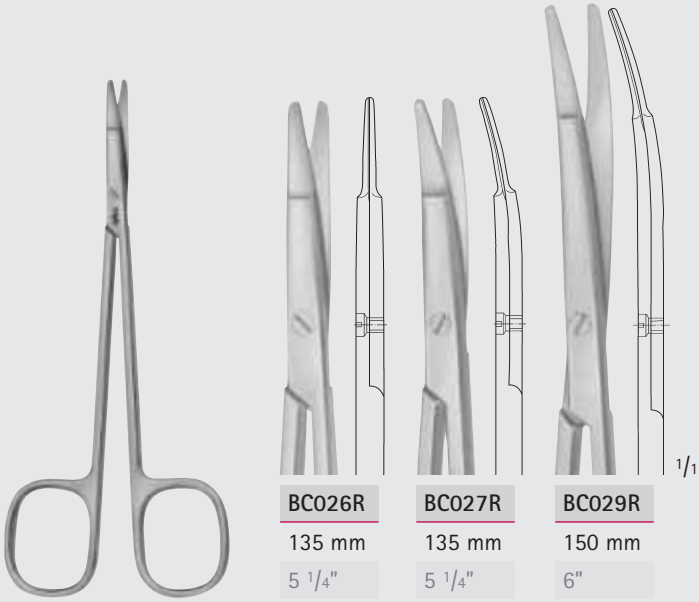
BC015R

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	BC027R	BC029R
135 mm	135 mm	150 mm
5 1/4"	5 1/4"	6"

RAGNELL

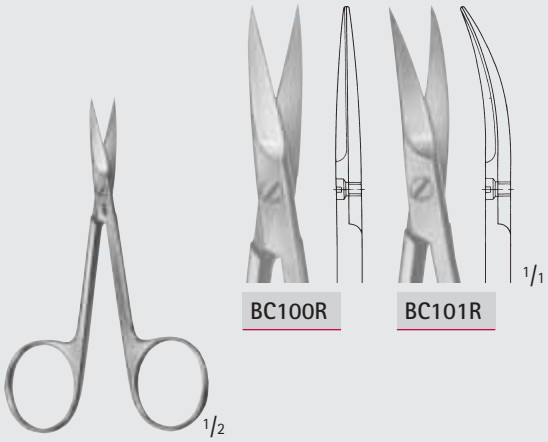
BC026R-BC029R

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

Scheren – Scissors

Feine Scheren

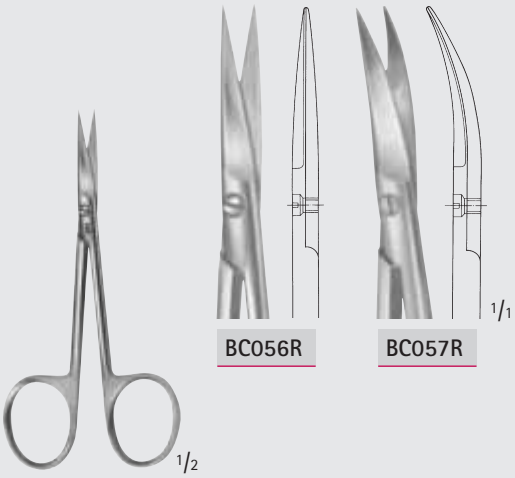
Delicate Scissors



BC100R BC101R

BC100R-BC101R

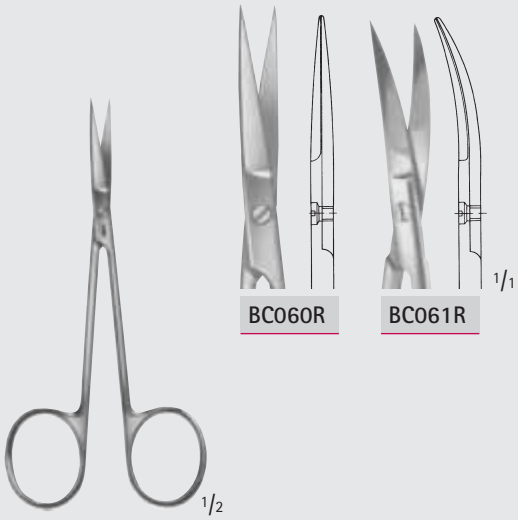
90 mm, 3 1/2"



BC056R BC057R

BC056R-BC057R

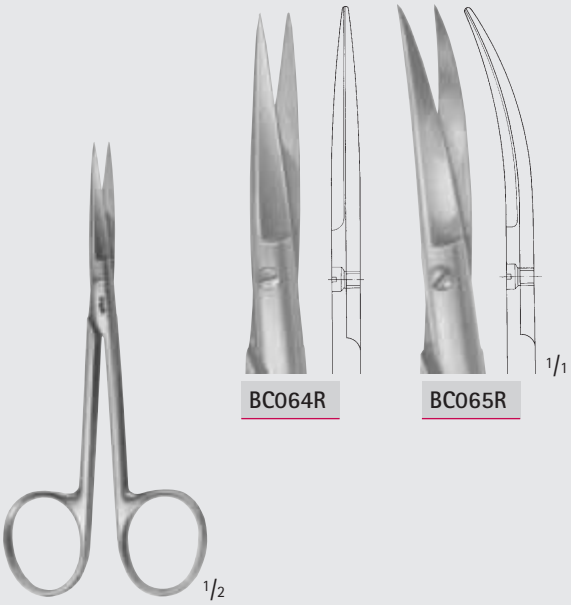
90 mm, 3 3/4"



BC060R BC061R

BC060R-BC061R

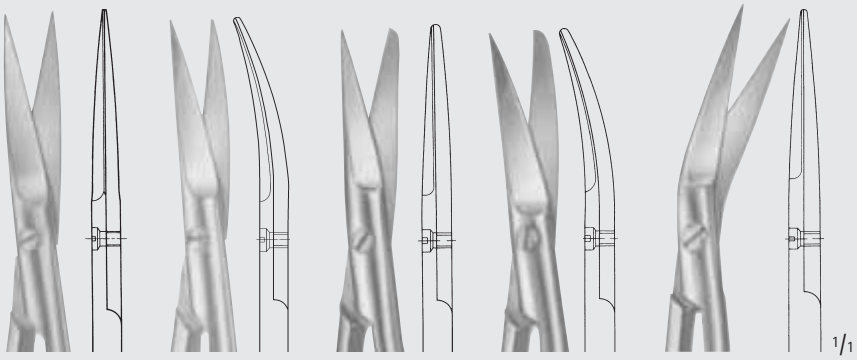
105 mm, 4 1/8"



BC064R BC065R

BC064R-BC065R

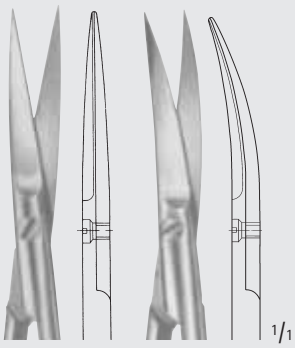
120 mm, 4 3/4"



BC110R | BC111R | BC112R | BC113R | BC117R

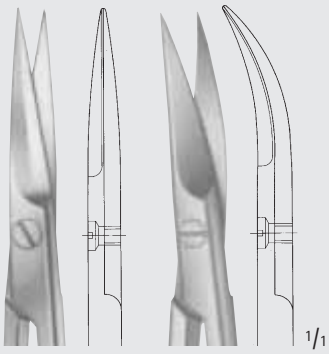
seitwärts gebogen
curved to side

BC110R–BC117R
110 mm, 4 3/8"



BC106R | BC107R

BC106R–BC107R
115 mm, 4 1/2"



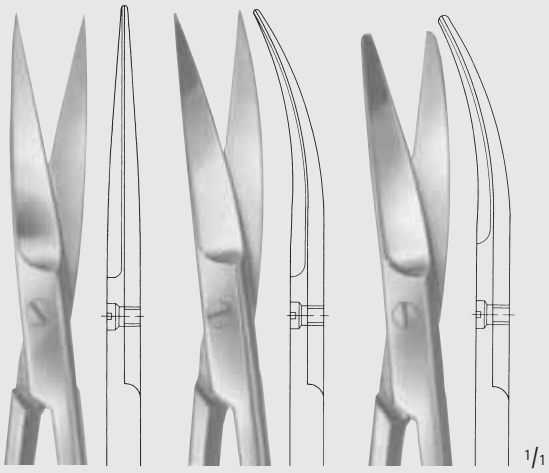
DO210R | DO211R

DO210R–DO211R
120 mm, 4 3/4"

Scheren – Scissors

Feine Scheren

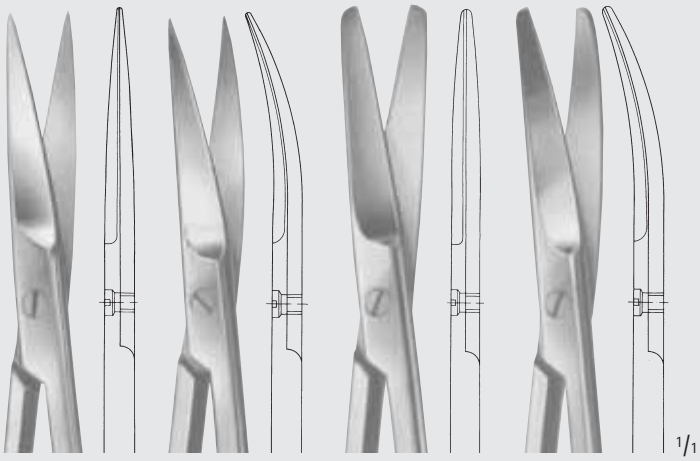
Delicate Scissors



BC130R BC131R BC135R

BC130R–BC135R

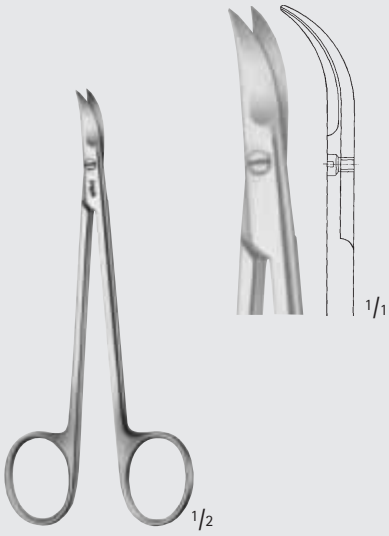
120 mm, 4 3/4"



BC140R BC141R BC144R BC145R

BC140R–BC145R

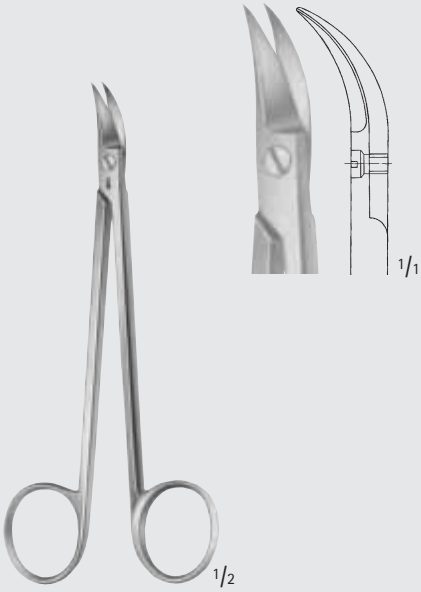
130 mm, 5 1/8"



CHADWICK

BC153R

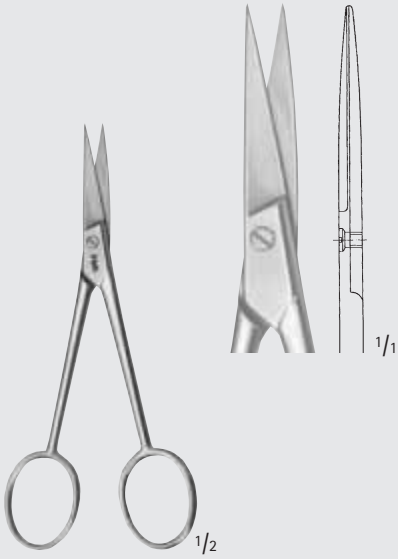
115 mm, 4 1/2"



QUINBY

DO218R

130 mm, 5 1/8"



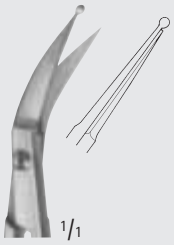
BC050R

110 mm, 4 3/8"

Scheren – Scissors

Feine Scheren

Delicate Scissors

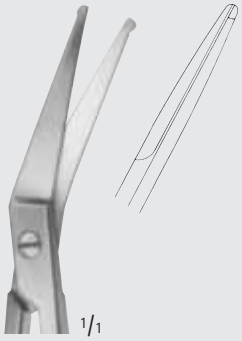


seitwärts gebogen
curved to side

PERWITZSCHKY

OM489R

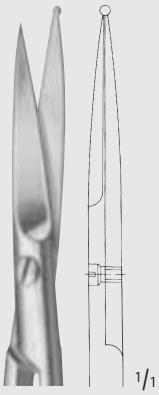
Speichelgangschere
Salival scissors
100 mm, 4 1/2"



seitwärts abgewinkelt
angled to side

BC033R

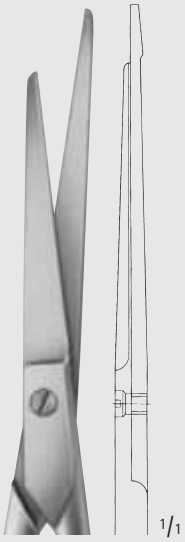
115 mm, 4 1/2"



1 Blatt mit Knopf
with 1 probe pointed blade

BC030R

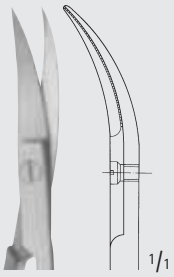
120 mm, 4 3/4"



1 Blatt mit Sondenspitze
with 1 probe pointed blade

BC034R

145 mm, 5 3/4"

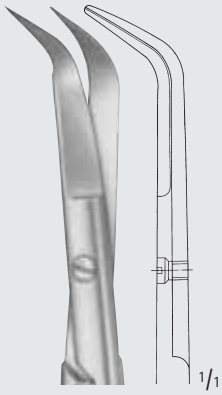


1 Schneide gezahnt
1 blade serrated

LA GRANGE

BC154R

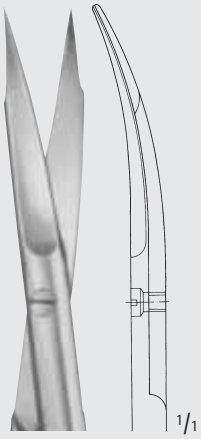
110 mm, 4 3/8"



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

DO252R

125 mm, 5"



1 Schneide fein gezahnt
1 blade fine serrated

DO251R

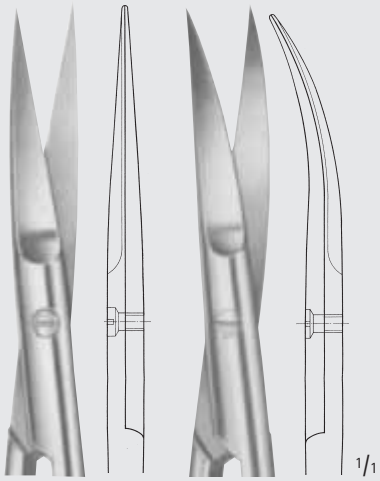
130 mm, 5 1/8"

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

LOCKLIN

DO219R

155 mm, 6"

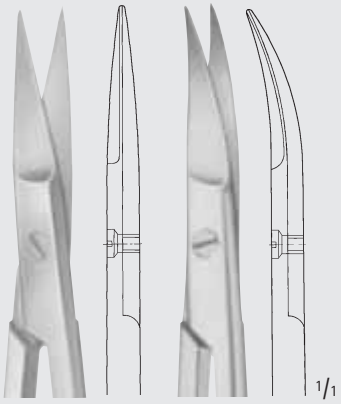


BC156R BC157R

JOSEPH

BC156R–BC157R

150 mm, 6"

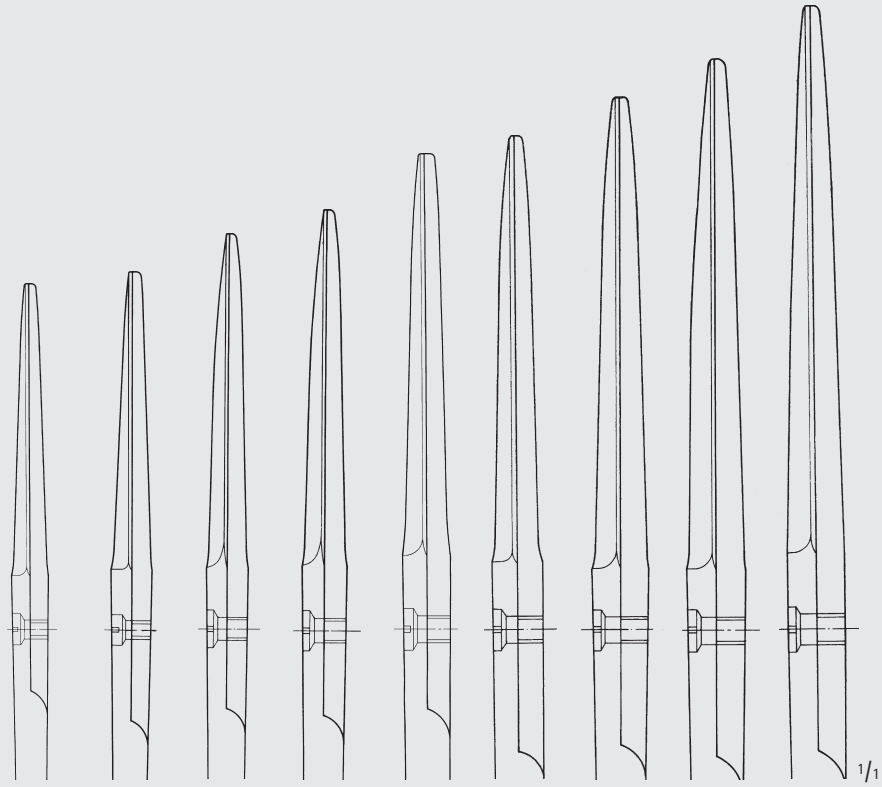


BC160R BC161R

KELLY

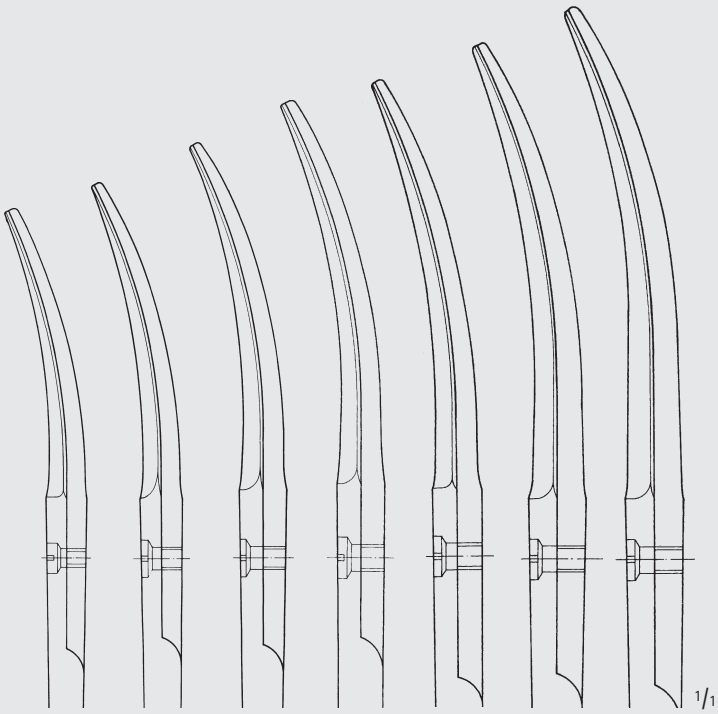
BC160R–BC161R

175 mm, 7"



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"



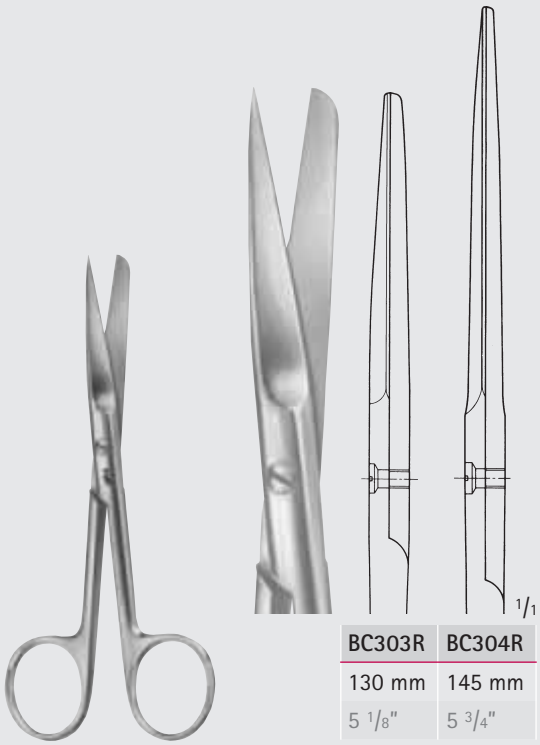
BC421R–BC428R
Standard-Modelle
Standard patterns

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"

Scheren – Scissors

Chirurgische Scheren

Surgical Scissors

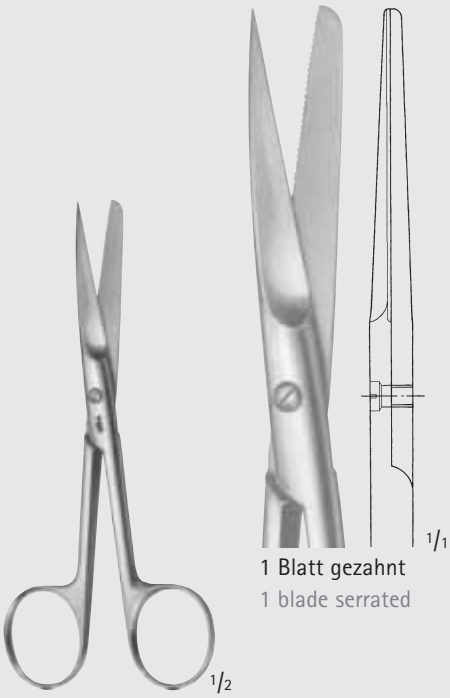


BC303R	BC304R
130 mm	145 mm
5 1/8"	5 3/4"

BC303R–BC304R

schlanke Modelle

slender patterns



1 Blatt gezahnt

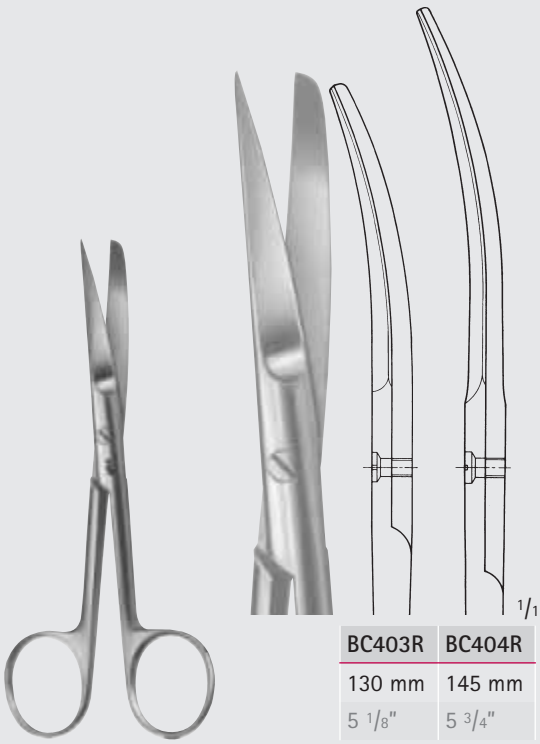
1 blade serrated

BC496R

Wundrandschere

Scissors for wound edges

130 mm, 5 1/8"

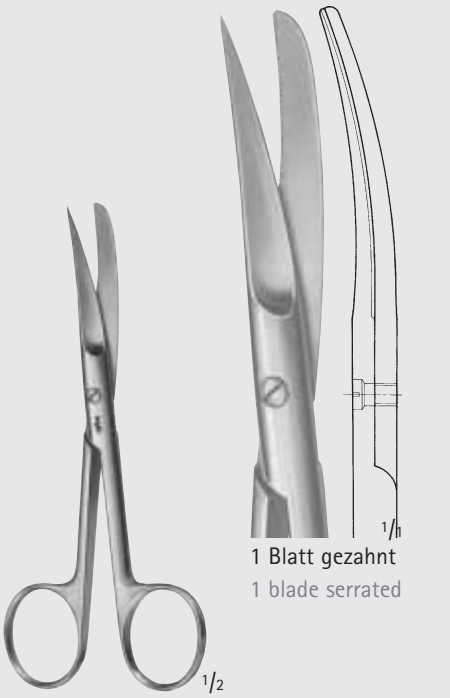


BC403R	BC404R
130 mm	145 mm
5 1/8"	5 3/4"

BC403R–BC404R

schlanke Modelle

slender patterns



1 Blatt gezahnt

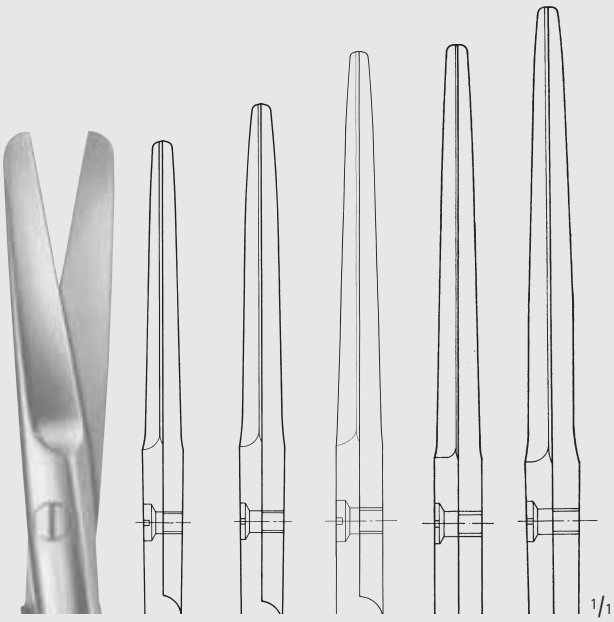
1 blade serrated

BC497R

Wundrandschere

Scissors for wound edges

130 mm, 5 1/8"

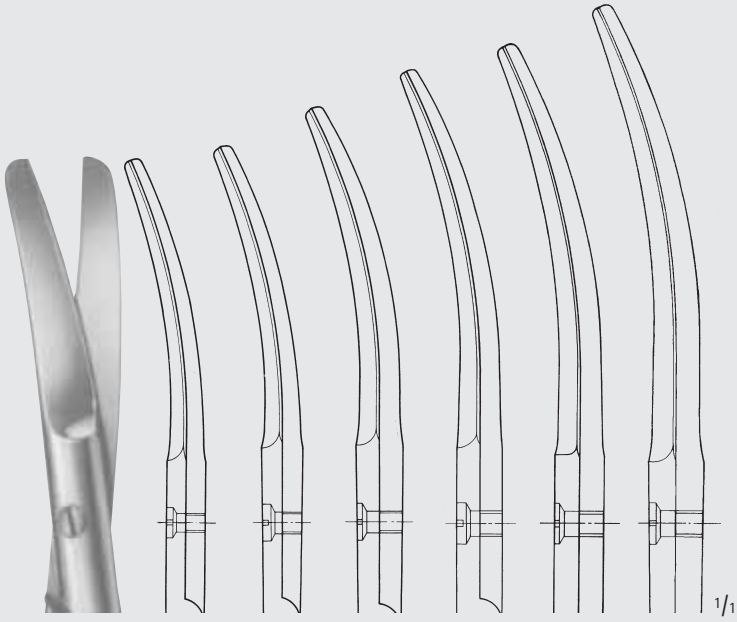


BC313R	BC314R	BC315R	BC316R	BC317R
130 mm	145 mm	150 mm	165 mm	175 mm
5 1/8"	5 3/4"	6"	6 1/2"	7"

BC313R–BC317R

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"

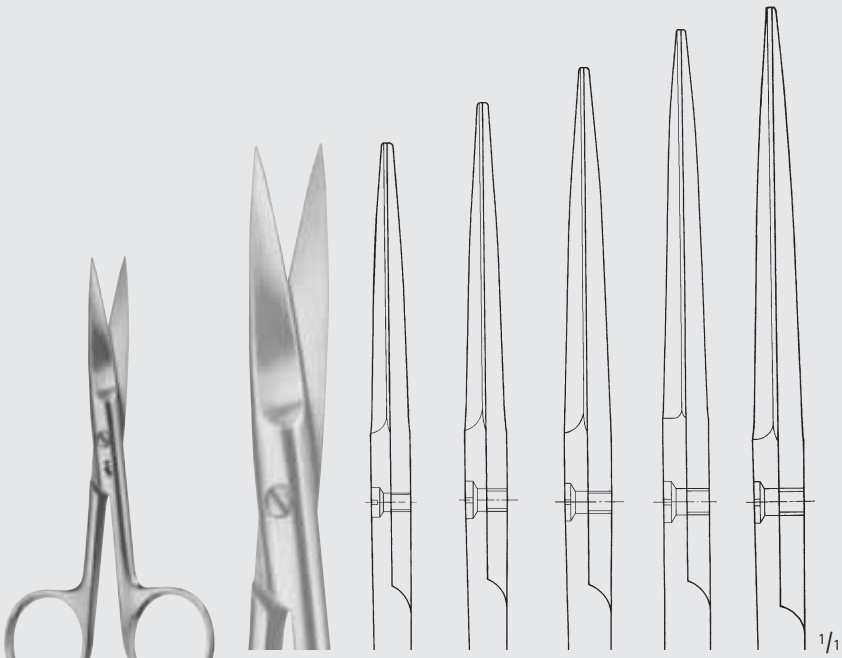
COOPER

BC411R–BC417R

Standard-Modelle

Standard patterns

BC

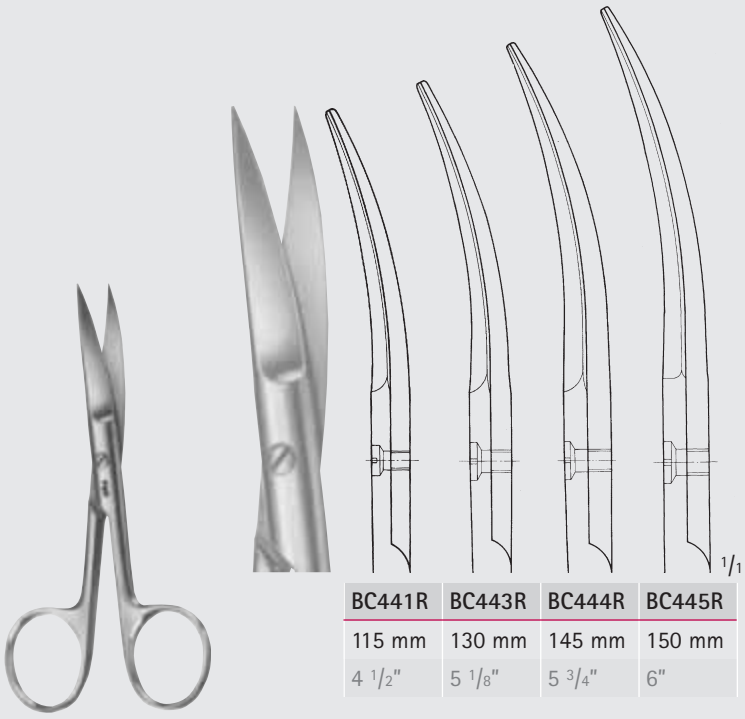


BC341R	BC343R	BC344R	BC345R	BC346R
115 mm	130 mm	145 mm	150 mm	165 mm
4 1/2"	5 1/8"	5 3/4"	6"	6 1/2"

BC341R–BC346R

Standard-Modelle

Standard patterns

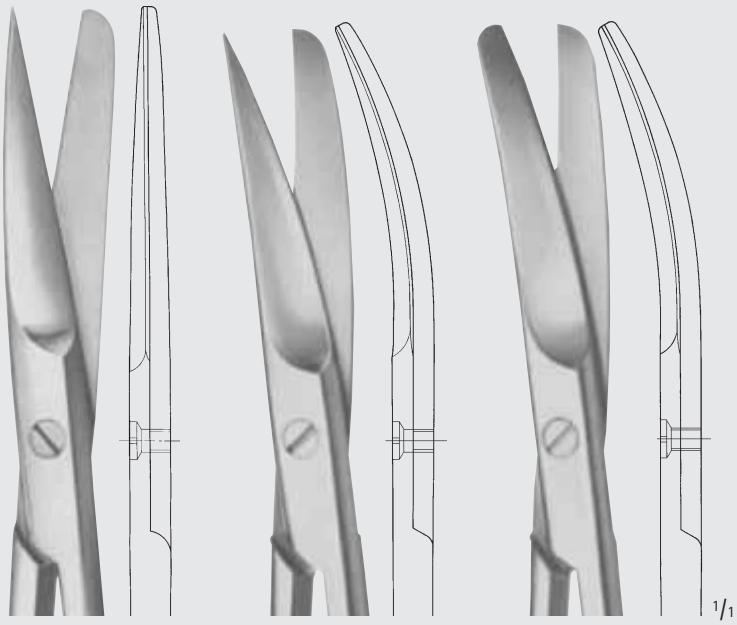


BC441R	BC443R	BC444R	BC445R
115 mm	130 mm	145 mm	150 mm
4 1/2"	5 1/8"	5 3/4"	6"

BC441R–BC445R

Standard-Modelle

Standard patterns



BC374R BC474R BC464R

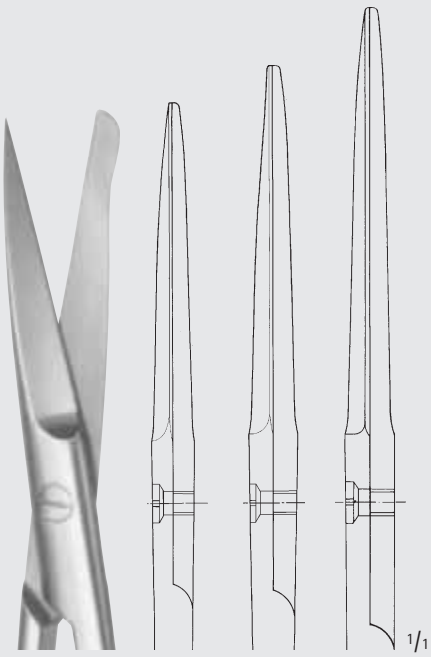
DEAVER

BC374R–BC474R

Chirurgische Scheren mit Flachschluss

Surgical scissors with flat lock

145 mm, 5 3/4"

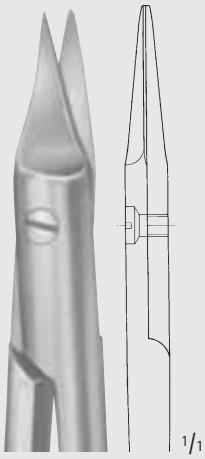


BC503R	BC504R	BC506R
130 mm	145 mm	165 mm
5 1/8"	5 3/4"	6 1/2"

BC503R–BC506R

Inzisions-Scheren

Incision scissors



SYSTRUNK

BC521R

Nagelspaltschere

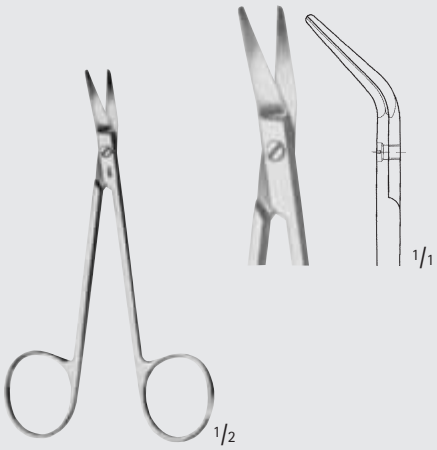
Nail splitting scissors

130 mm, 5 1/8"

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns



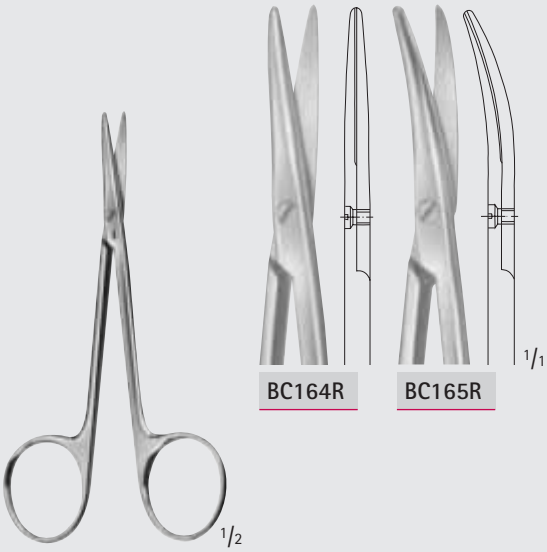
GRAEFE

OC415R

Präparierschere

Dissecting scissors

100 mm, 4"



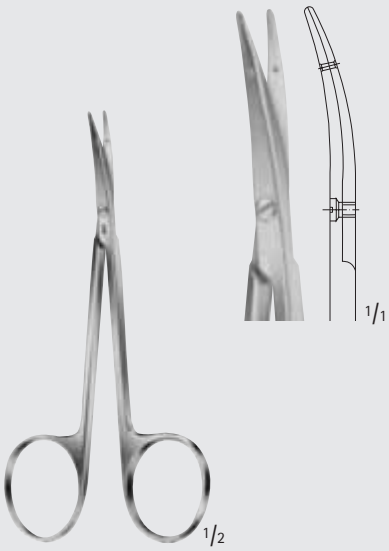
BC164R BC165R

BC164R–BC165R

Präparierscheren

Dissecting Scissors

115 mm, 4 1/2"



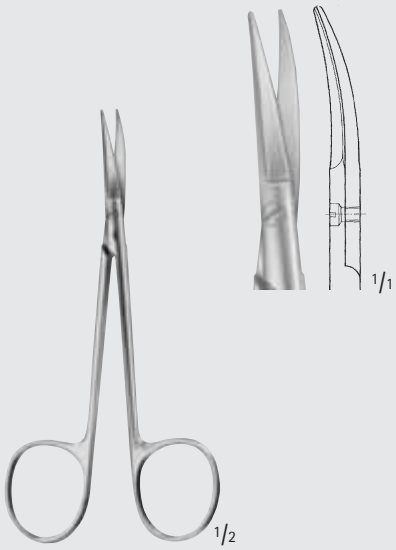
LITTLER

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"

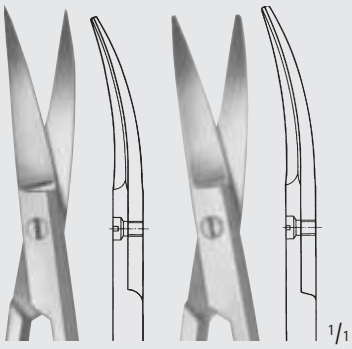
KILNER

BC162R

feine Präparierschere

delicate dissecting scissors

115 mm, 4 1/2"



1/1

OK365R
spitz
sharp

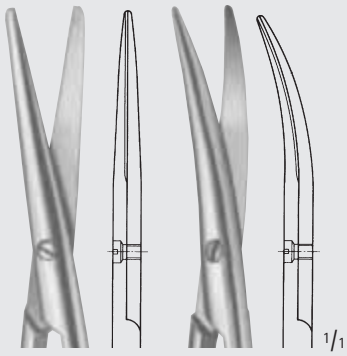
OK367R
stumpf
blunt

1/2

COTTLE-MASING

OK365R–OK367R

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



1/1

OK368R

OK369R

1/2

COTTLE-KNAPP

OK368R–OK369R

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

1/1

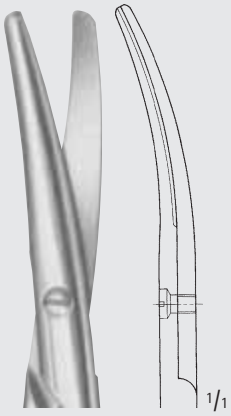
OK372R
135 mm
5 1/4"

OK373R
115 mm
4 1/2"

FOMON

OK372R–OK373R

Nasenflügelscheren
Lower lateral scissors



1/1

1/2

LANDOLT

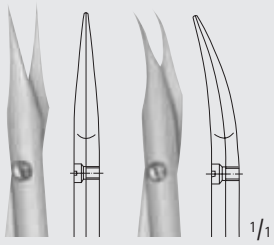
OC430R

Enukleationsschere
Enucleation scissors
120 mm, 4 3/4"

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«

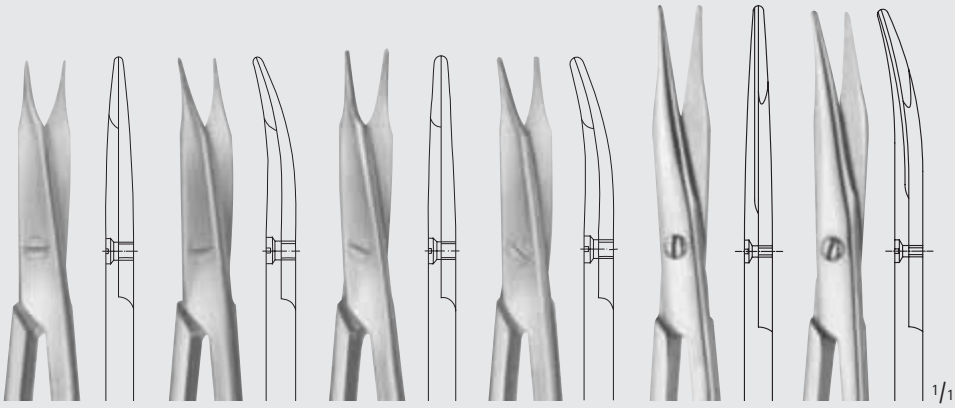
STEVENS

OK366R

feine Präparierschere

delicate dissecting scissors

110 mm, 4 3/8"



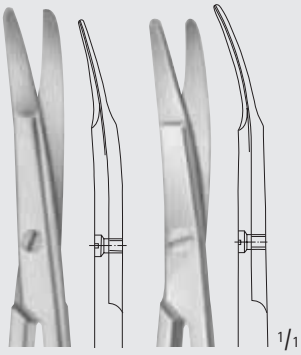
BC170R	BC171R	BC172R	BC173R	BC194R	BC195R
110 mm	110 mm	110 mm	110 mm	125 mm	125 mm
4 3/8"	4 3/8"	4 3/8"	4 3/8"	5"	5"
spitz	spitz	stumpf	stumpf	stumpf	stumpf
sharp	sharp	blunt	blunt	blunt	blunt

STEVENS

BC170R–BC195R

Gefäß- und Sehnenscheren

Vascular- and tendon scissors



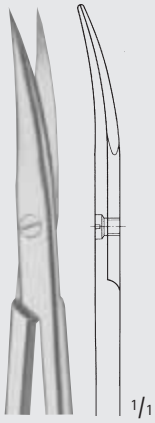
BC166R	BC168R
125 mm	150 mm
5"	6"

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

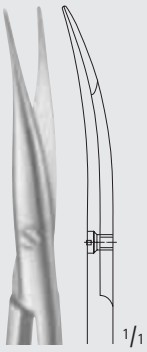
blades outside semi-sharp

BC628R

Nerv-Präparierschere

Nerve dissecting scissors

150 mm, 6"



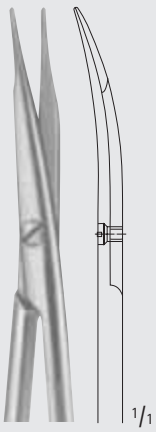
JAMESON-WERBER

BC175R

Präparierschere

Dissecting scissors

130 mm, 5 1/8"



JAMESON

BC177R

Präparierschere

Dissecting scissors

150 mm, 6"

Scheren – Scissors

Präparierscheren, feine Modelle

Dissecting Scissors, Delicate Patterns

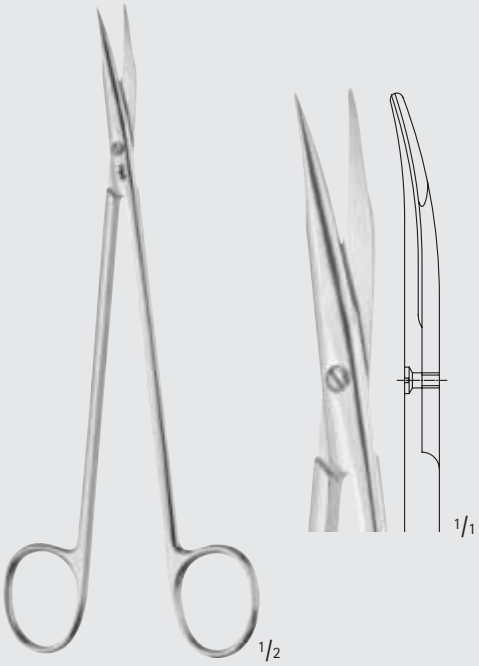
BC180R	BC181R
145 mm	175 mm
5 3/4"	7"

REYNOLDS

BC180R–BC181R

Präparierscheren

Dissecting scissors



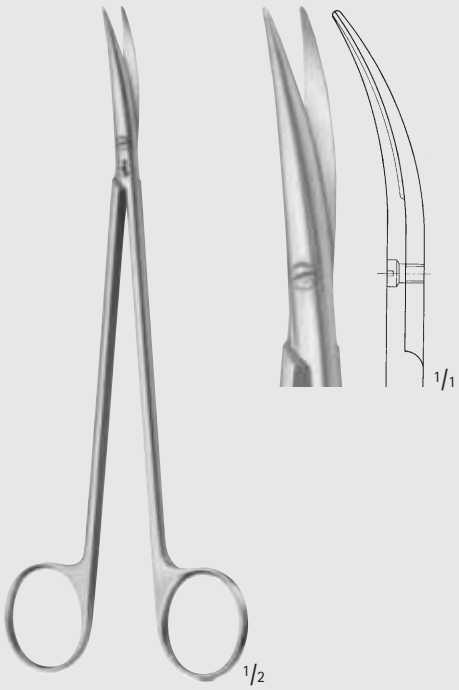
POTTS

BC178R

Präparierschere

Dissecting scissors

180 mm, 7"



DE BAKEY

BC629R

Arteriotomie-Schere

Arteriotomy scissors

175 mm, 7"

BC630R	BC631R
sehr fein	fein
very delicate	delicate

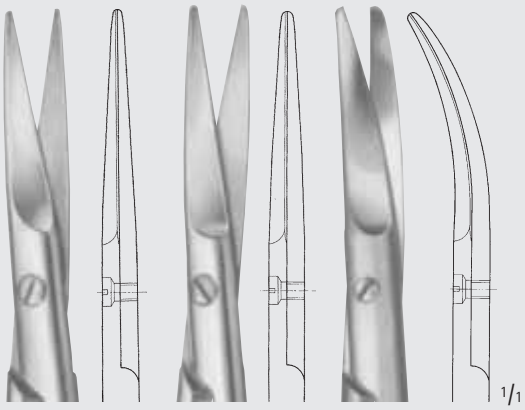
TÖNNIS-ADSON

BC630R–BC631R

Präparierscheren

Dissecting scissors

175 mm, 7"



BC633R
sehr fein
very delicate

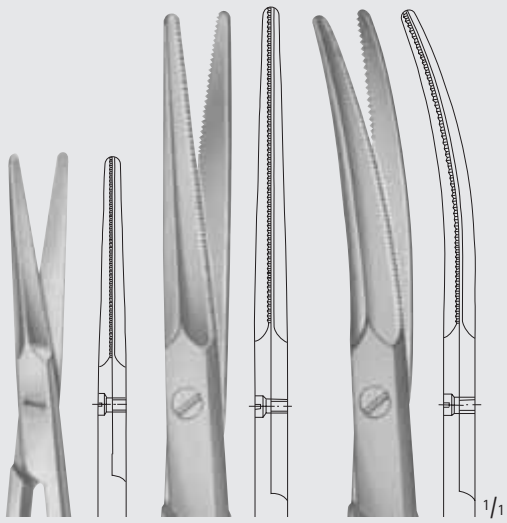
BC634R
fein
delicate

BC635R
fein
delicate

TÖNNIS

BC633R–BC635R

Präparierscheren
Dissecting scissors
180 mm, 7"



BC184R
125 mm
5"

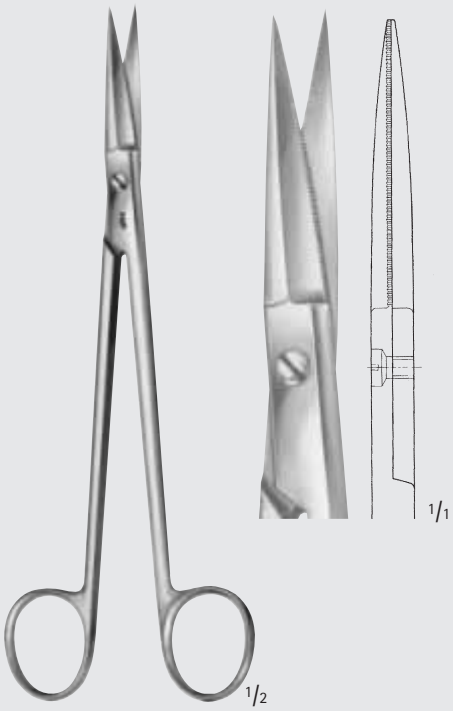
BC188R
195 mm
7 3/4"

BC189R
195 mm
7 3/4"

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



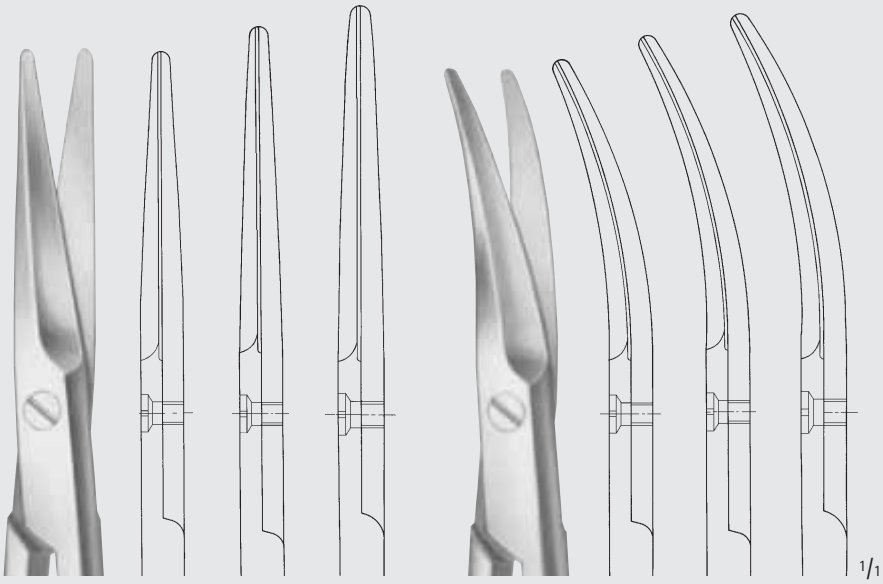
BC672R

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

Scheren – Scissors

Chirurgische und Präparierscheren

Surgical and Dissecting Scissors

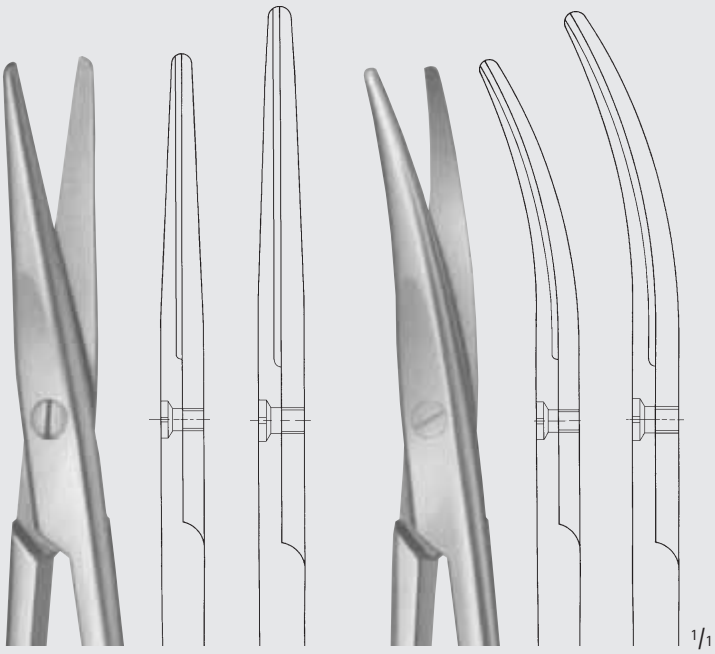


BC544R	BC545R	BC547R
140 mm	155 mm	170 mm
5 1/2"	6"	6 3/4"

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

MAYO

BC544R-BC557R

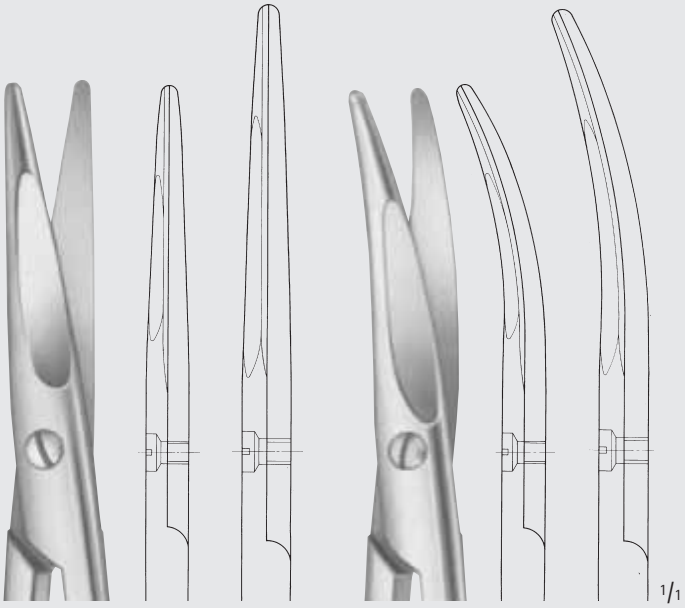


BC570R	BC572R
140 mm	170 mm
5 1/2"	6 3/4"

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

MAYO-STILLE

BC570R-BC575R



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

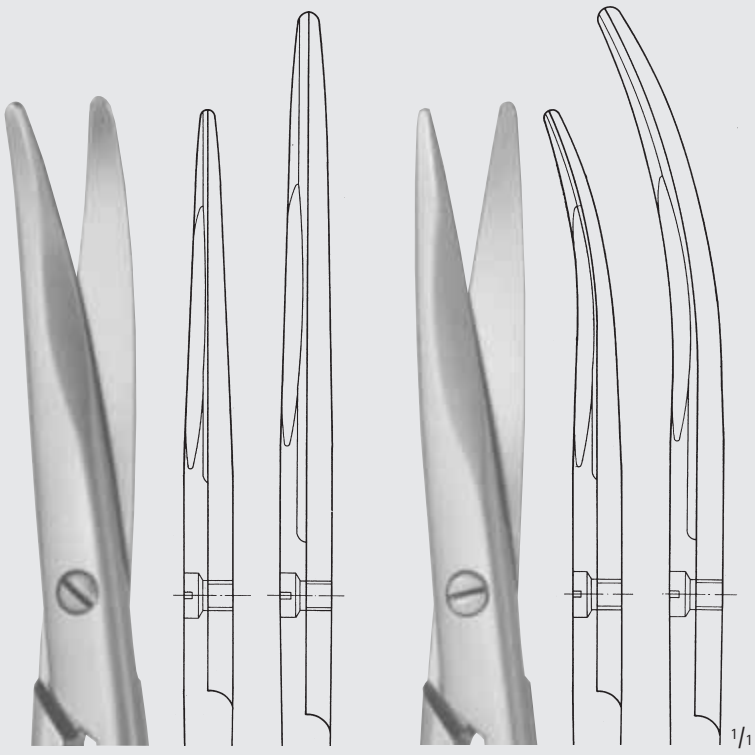
BC577R	BC579R
140 mm	170 mm
5 1/2"	6 3/4"

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"

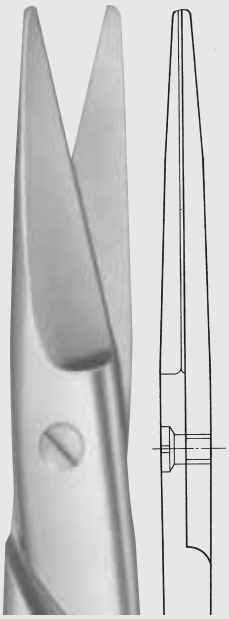
MAYO

BC562R–BC565R

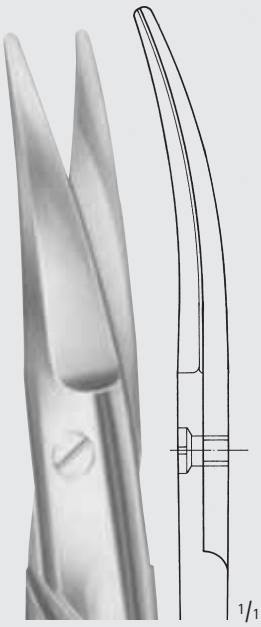
mit abgeschrägten Schneiden

with chamfered blades

BC



BC566R



BC569R

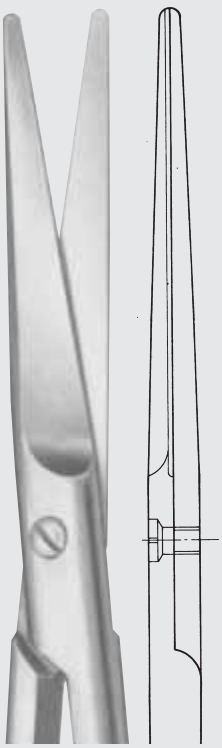
MAYO-NOBLE

BC566R–BC569R

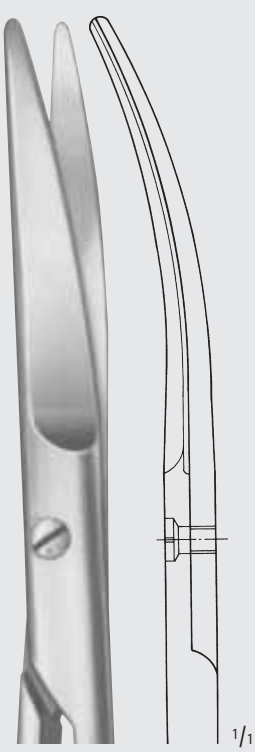
breite Modelle

broad patterns

170 mm, 6 3/4"



BC560R



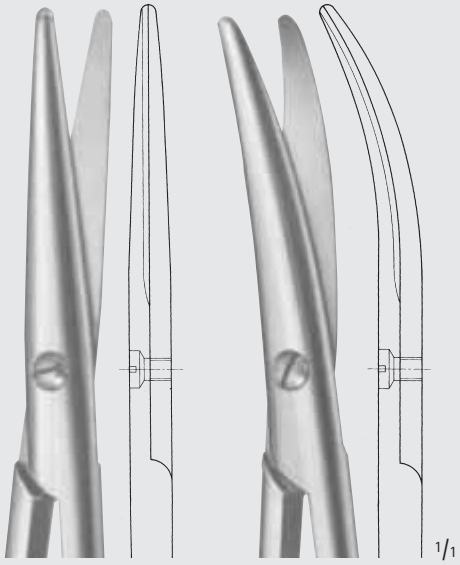
BC561R

MAYO-HARRINGTON

BC560R–BC561R

230 mm, 9"

INCHES



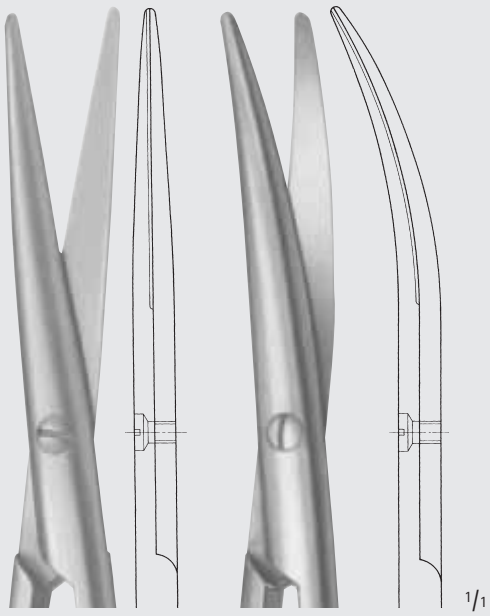
BC580R

BC581R

STILLE

BC580R-BC581R

150 mm, 6"



BC590R

BC591R

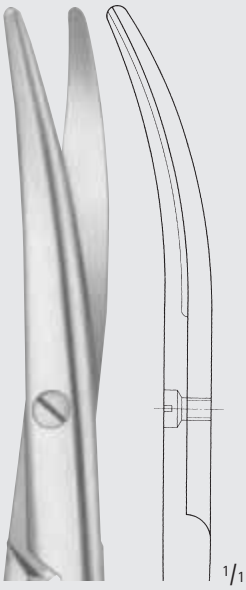
LEXER

BC590R-BC591R

schmal

narrow

165 mm, 6 1/2"



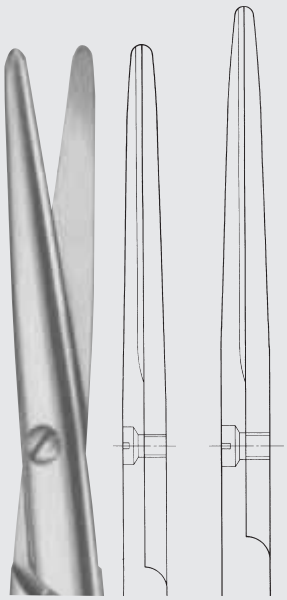
MAYO-LEXER

BC592R

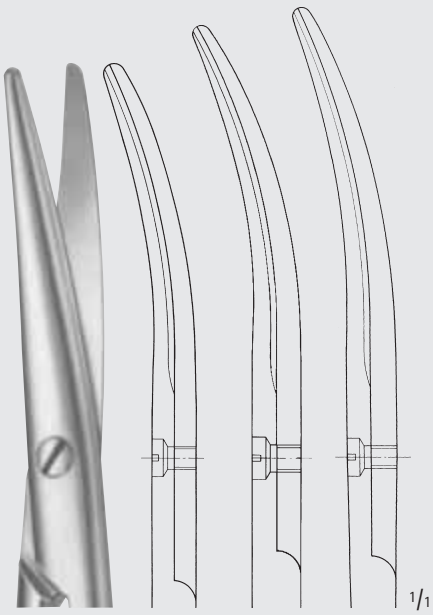
Standard-Modell

Standard pattern

165 mm, 6 1/2"



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

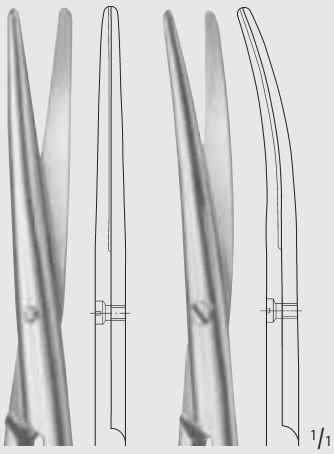


1/1

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

MAYO

BC584R–BC589R

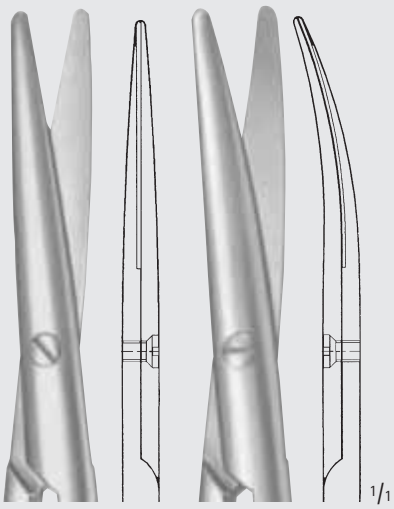


BABY-METZENBAUM

BC600R–BC603R

145 mm, 5 3/4"

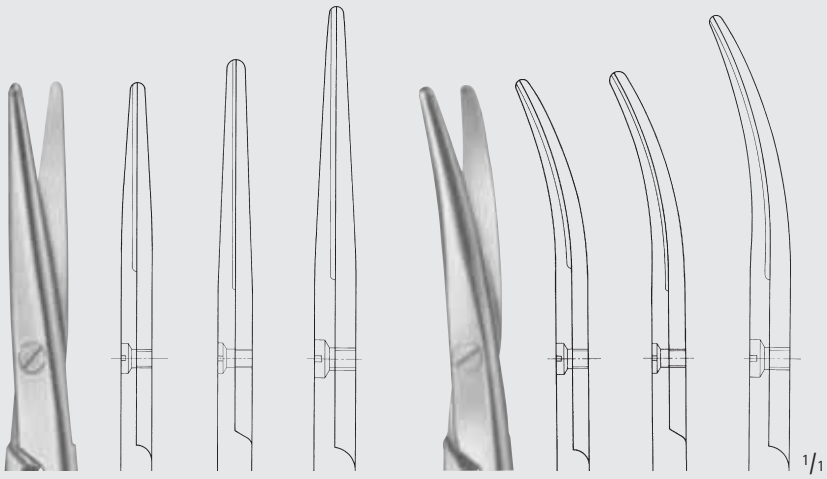
BC600R	BC603R



METZENBAUM

BC680R–BC683R

BC680R	BC683R
200 mm	160 mm
8"	6 1/4"

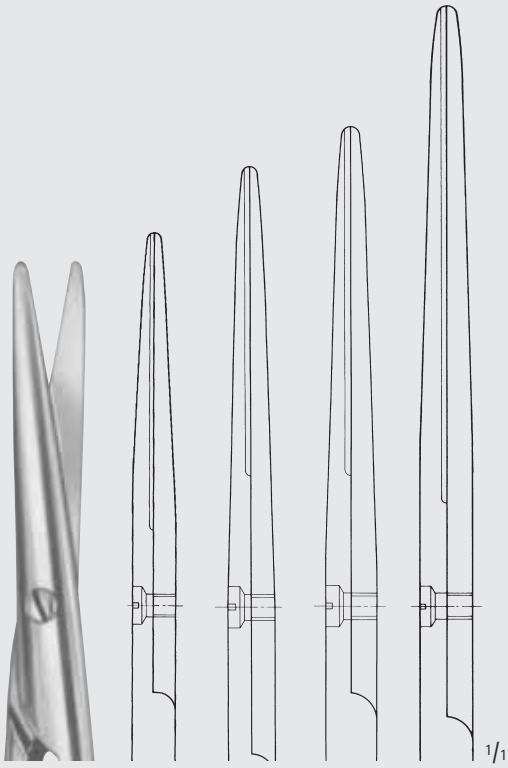


BC601R	BC602R	BC604R	BC605R	BC606R	BC607R
145 mm	180 mm	200 mm	145 mm	180 mm	200 mm
5 3/4"	7"	8"	5 3/4"	7"	8"

METZENBAUM

BC601R–BC607R

BC



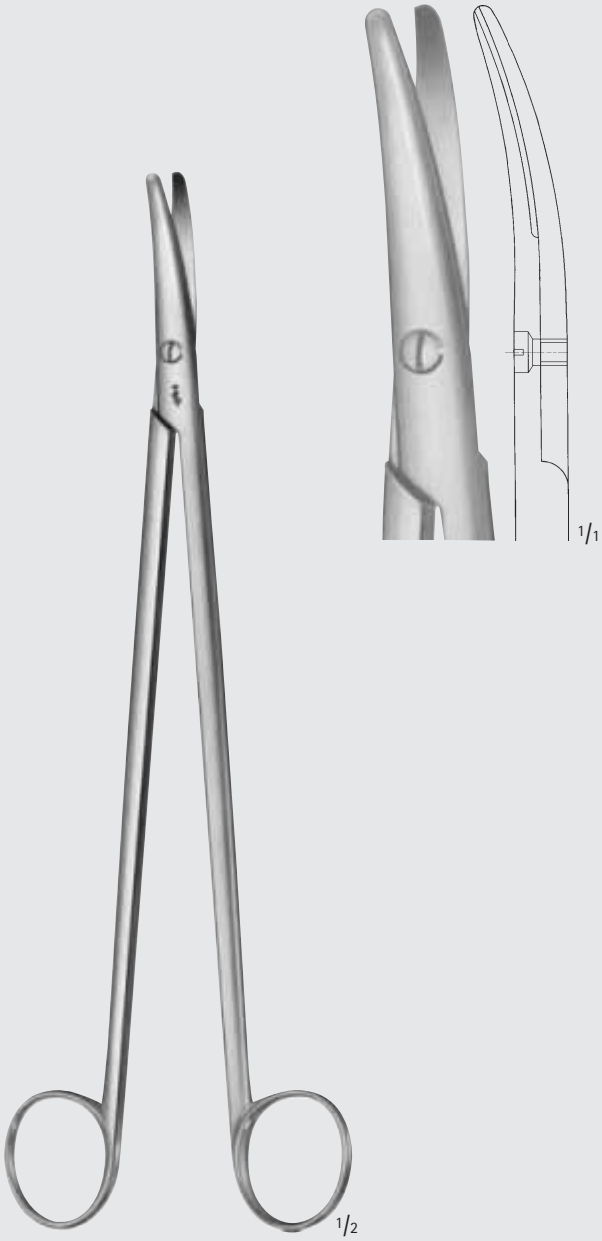
BC611R	BC612R	BC613R	BC614R
230 mm	250 mm	280 mm	305 mm
9"	10"	11"	12"

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

NELSON-METZENBAUM

BC611R–BC625R

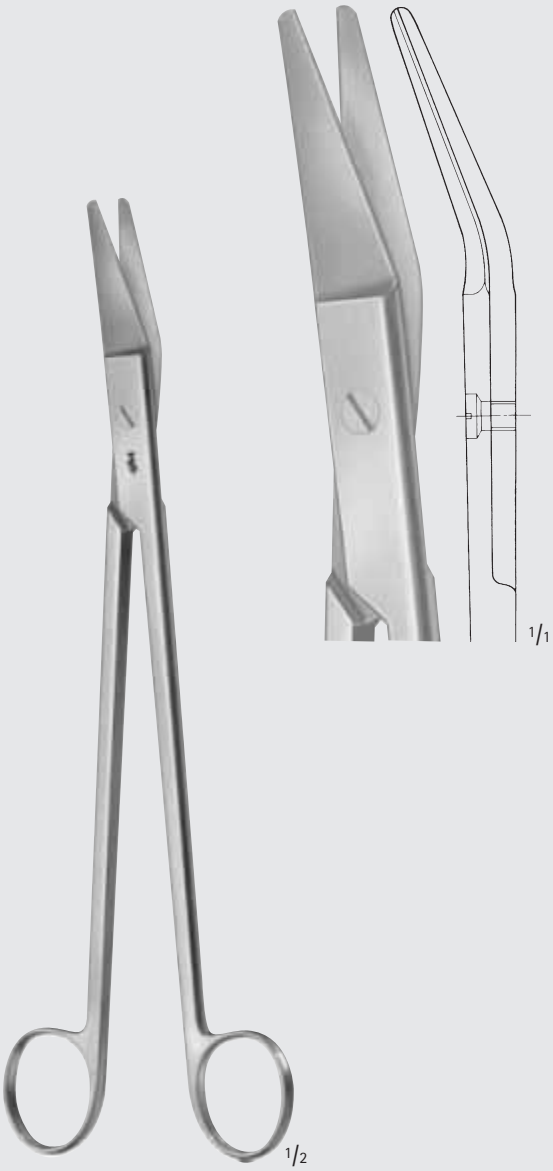
INCHES



WELLER

BC620R

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



RESANO

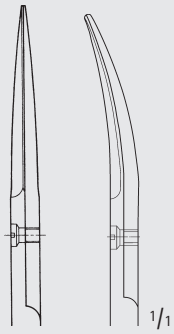
BC595R

Kapselschere
Cartilage scissors
250 mm, 10"

Scheren – Scissors

SuperCut Scheren

SuperCut Scissors

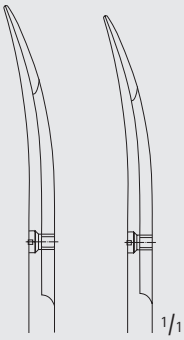


BC900R	BC901R
spitz	spitz
sharp	sharp

BC900R–BC901R

110 mm, 4 3/8"

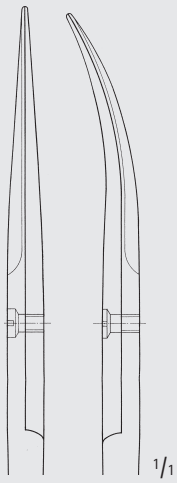
JAMESON



BC911R	BC915R
130 mm	150 mm
5 1/8"	6"
stumpf	stumpf
blunt	blunt

BC911R–BC915R

JOSEPH

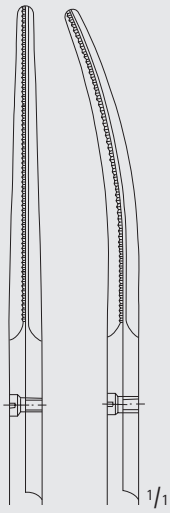


BC916R	BC917R
spitz	spitz
sharp	sharp

BC916R–BC917R

150 mm, 6"

GORNEY



BC920R	BC921R
stumpf	stumpf
blunt	blunt

BC920R–BC921R

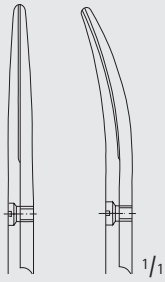
195 mm, 7 3/4"

BC924R	BC925R

MAYO

BC924R–BC925R

165 mm, 6 1/2"

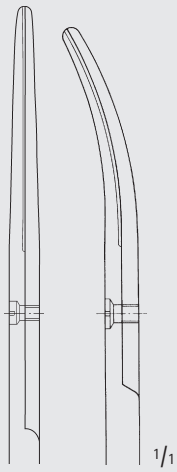


BC930R	BC931R

BABY-METZENBAUM

BC930R–BC931R

115 mm, 4 1/2"



BC934R	BC937R
145 mm	180 mm
5 3/4"	7"

METZENBAUM

BC934R–BC937R

Scheren – Scissors

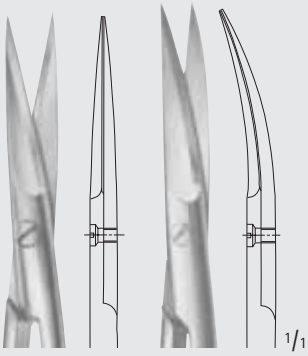
DUROTIP® Feine Scheren

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



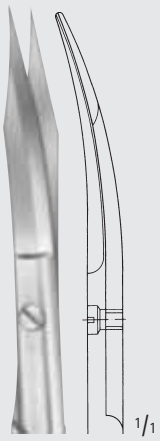
BC210R BC211R

BC210R–BC211R

Fadenscheren

Ligature scissors

110 mm, 4 3/8"



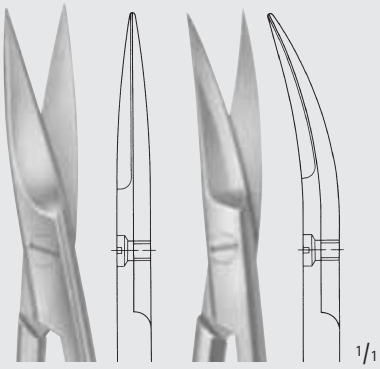
1 Schneide gezahnt

1 blade serrated

GOLDMAN-FOX

DO250R

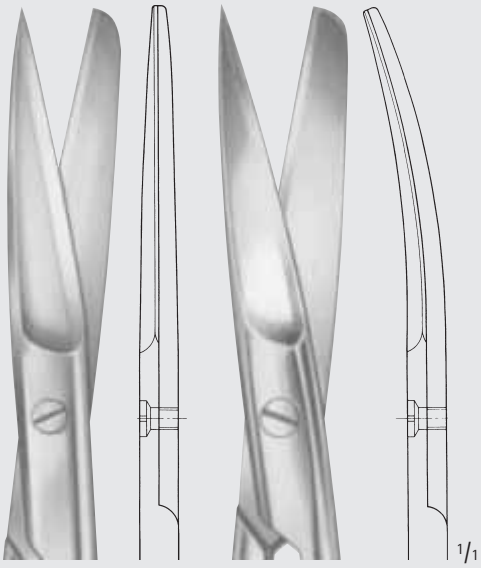
130 mm, 5 1/8"



DO208R DO209R

DO208R–DO209R

120 mm, 4 3/4"

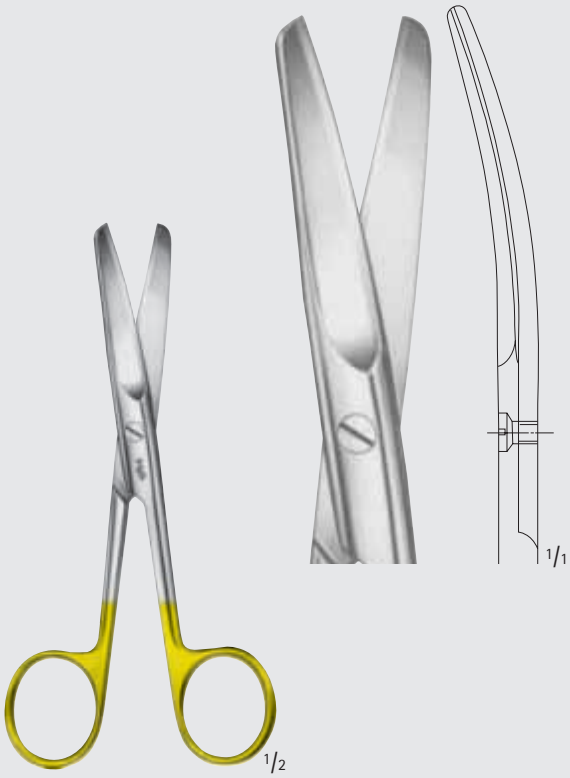


BC224R

BC234R

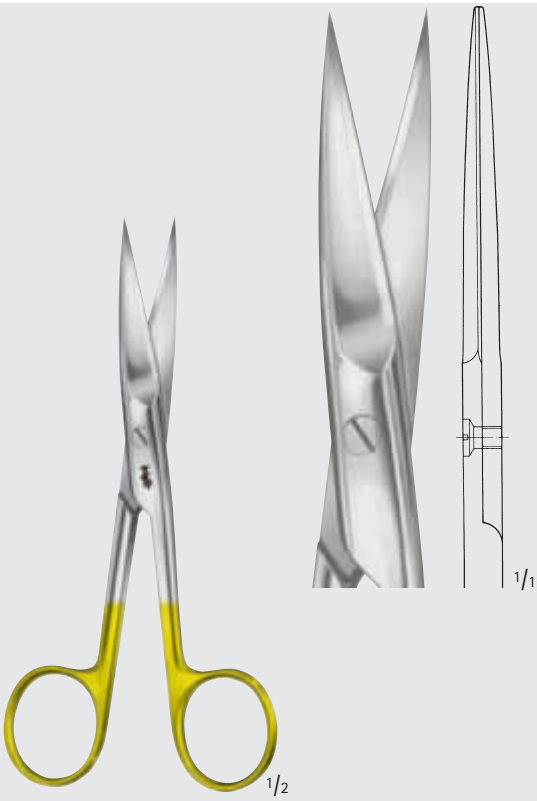
BC224R–BC234R

145 mm, 5 3/4"



BC231R

145 mm, 5 3/4"



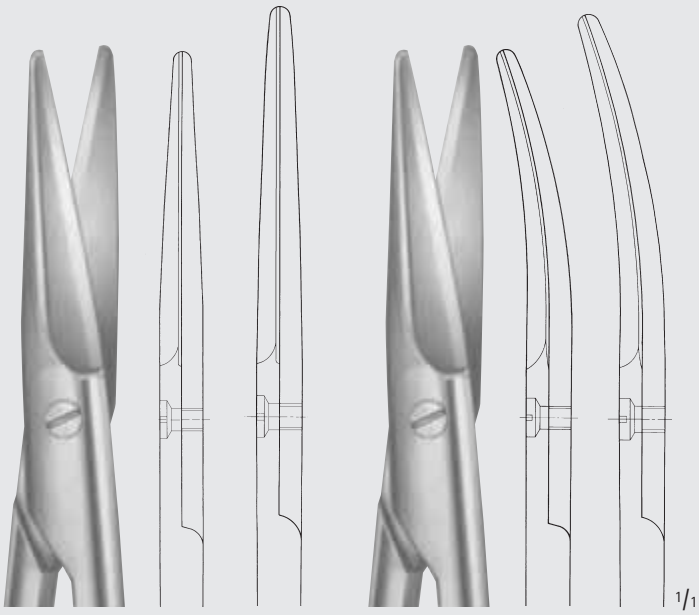
BC228R

145 mm, 5 3/4"

Scheren – Scissors

DUROTIP® Präparierscheren

DUROTIP® Dissecting Scissors

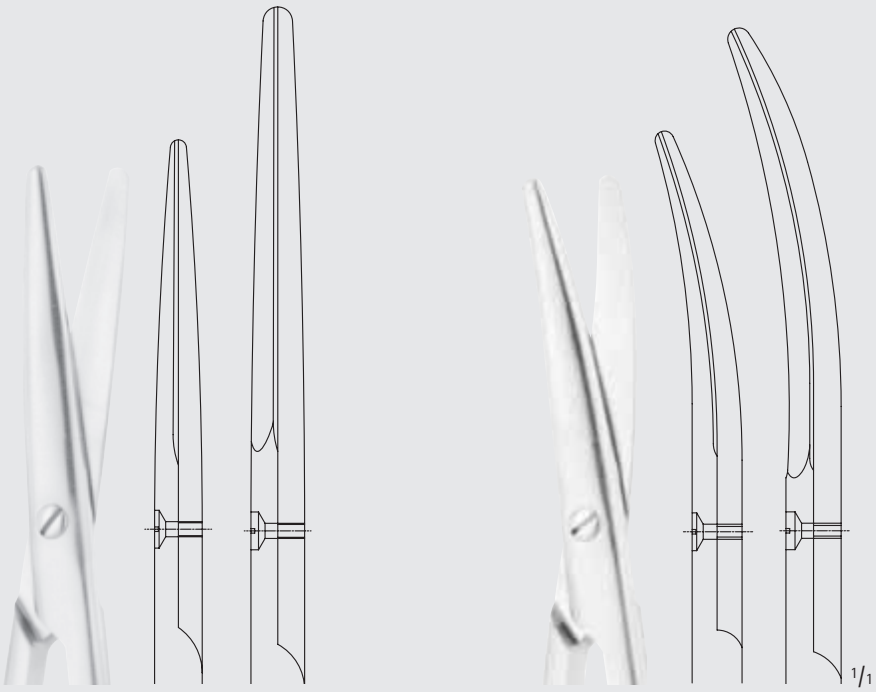


BC250R	BC252R
140 mm	170 mm
5 1/2"	6 3/4"

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

MAYO

BC250R–BC253R

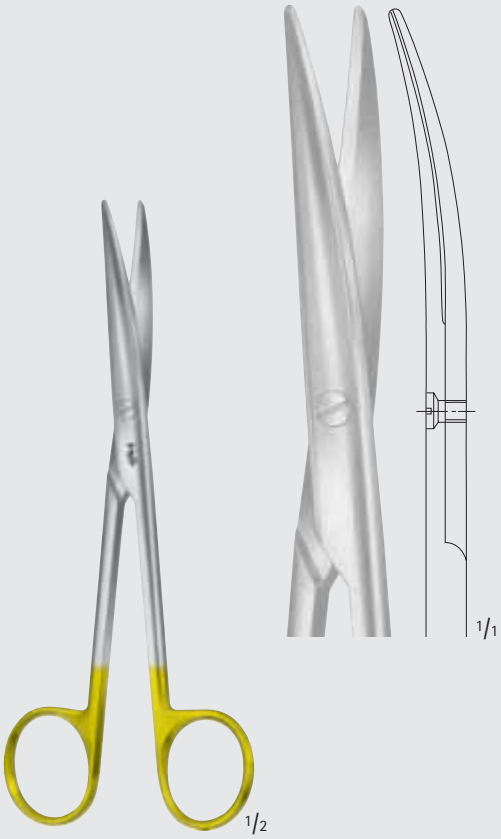


BC242R	BC558R
170 mm	230 mm
6 3/4"	9"

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

MAYO

BC242R–BC559R



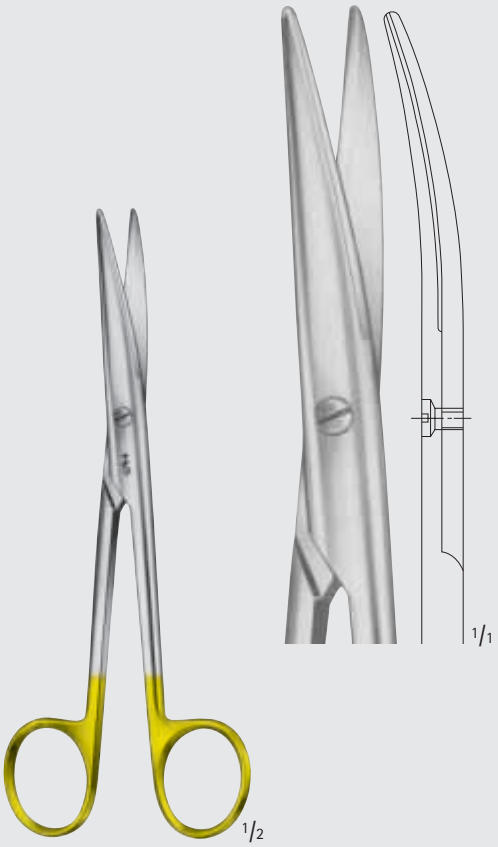
LEXER

BC283R

schmal

narrow

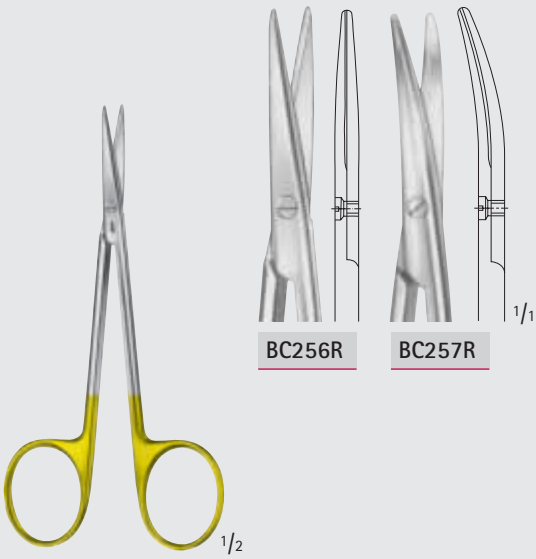
165 mm, 6 1/2"



MAYO-LEXER

BC284R

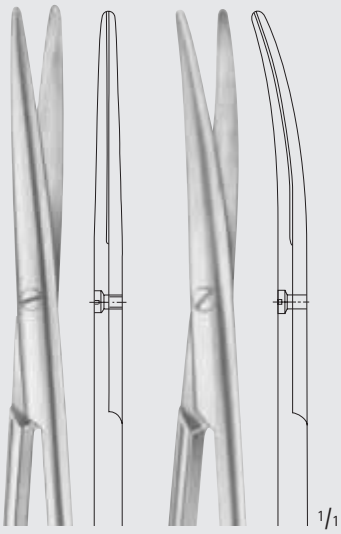
165 mm, 6 1/2"



BC256R **BC257R**

BC256R–BC257R

115 mm, 4 1/2"

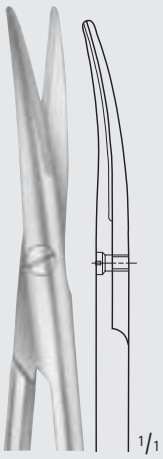


BC258R BC259R

BABY-METZENBAUM

BC258R–BC259R

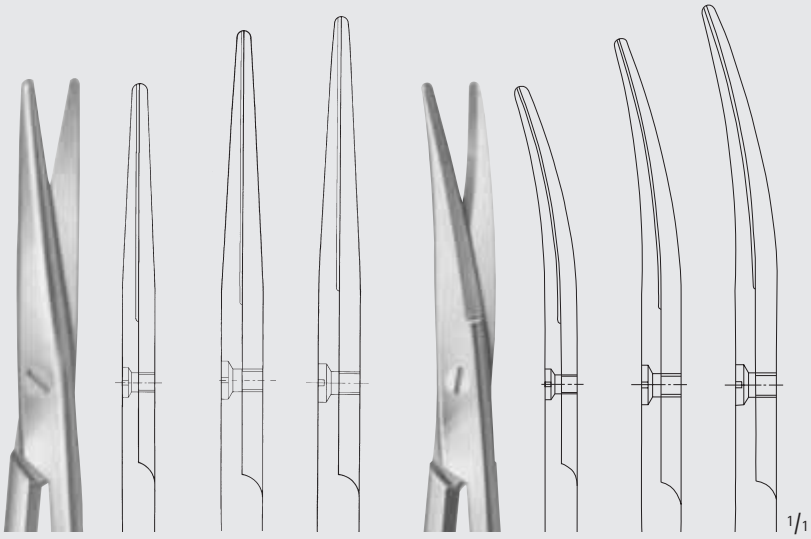
145 mm, 5 3/4"



TÖNNIS-ADSON

BC273R

175 mm, 7"

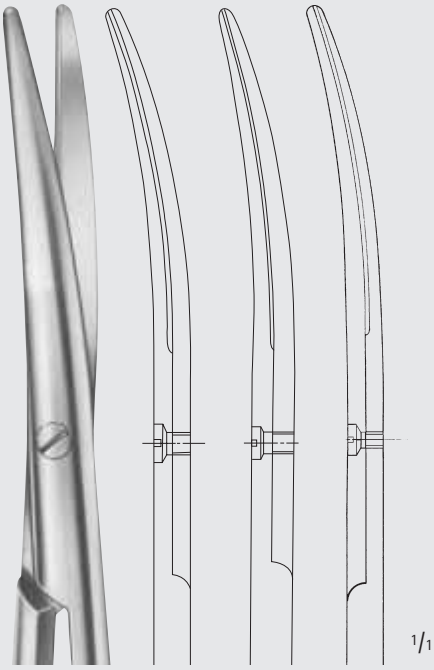


BC270R	BC274R	BC276R
180 mm	200 mm	230 mm
7"	8"	9"

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

METZENBAUM

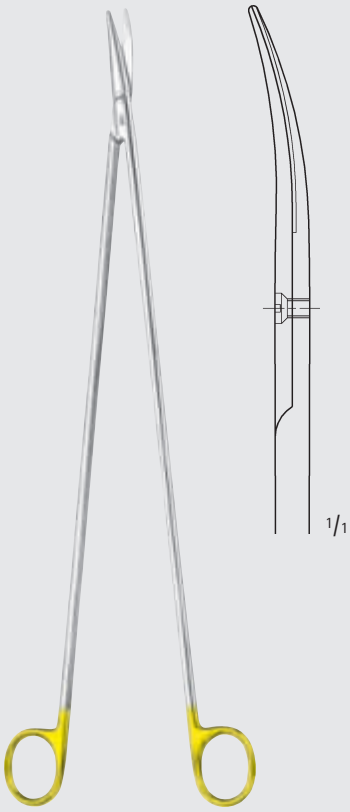
BC270R–BC277R



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

NELSON-METZENBAUM

BC279R–BC285R

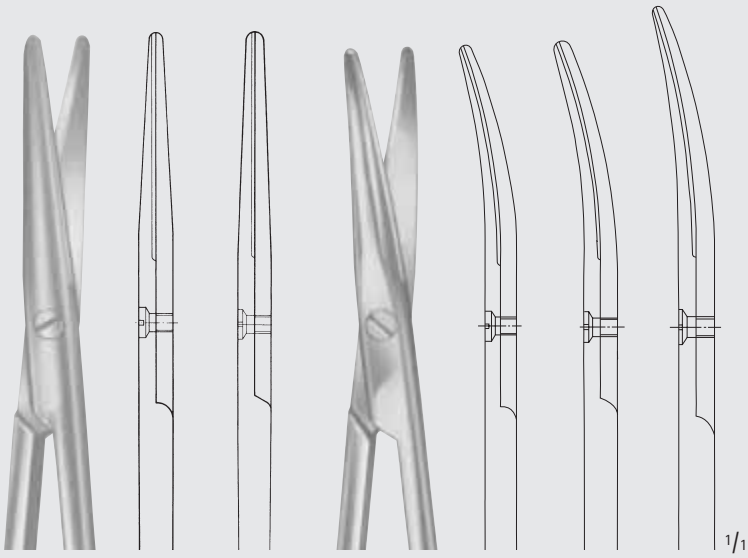


NELSON-METZENBAUM

BC285R

350 mm, 14"

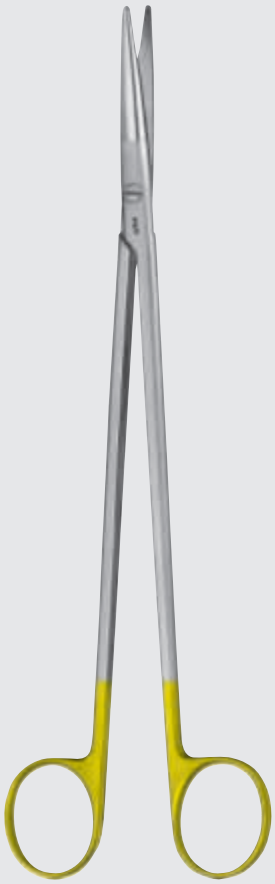
BC

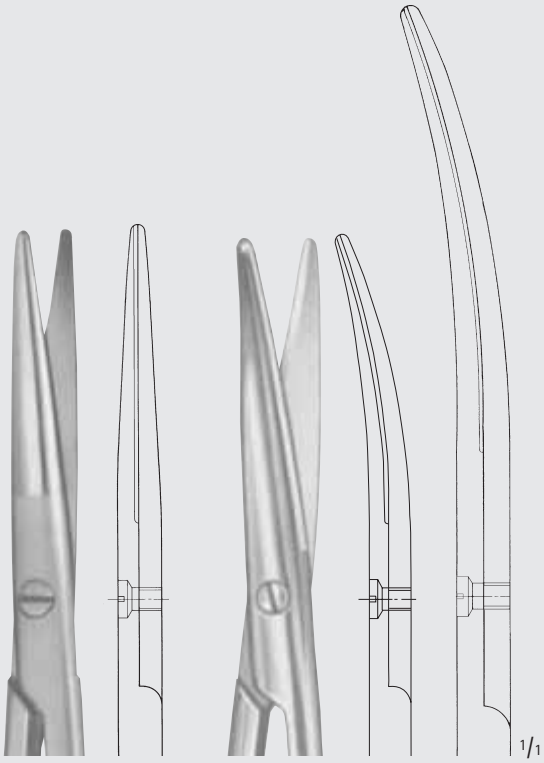


BC260R	BC262R	BC261R	BC263R	BC265R
145 mm	180 mm	145 mm	180 mm	200 mm
5 3/4"	7"	5 3/4"	7"	8"

METZENBAUM

BC260R–BC265R

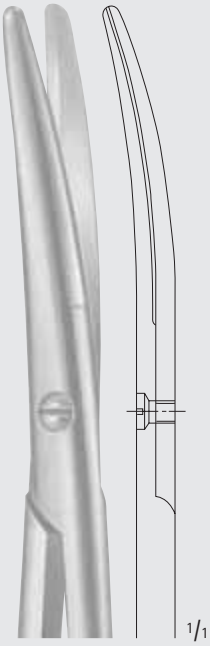




BC266R	BC267R	BC289R
200 mm	230 mm	300 mm
9"	9"	12"

NELSON-METZENBAUM (MC INDOE)

BC266R–BC289R

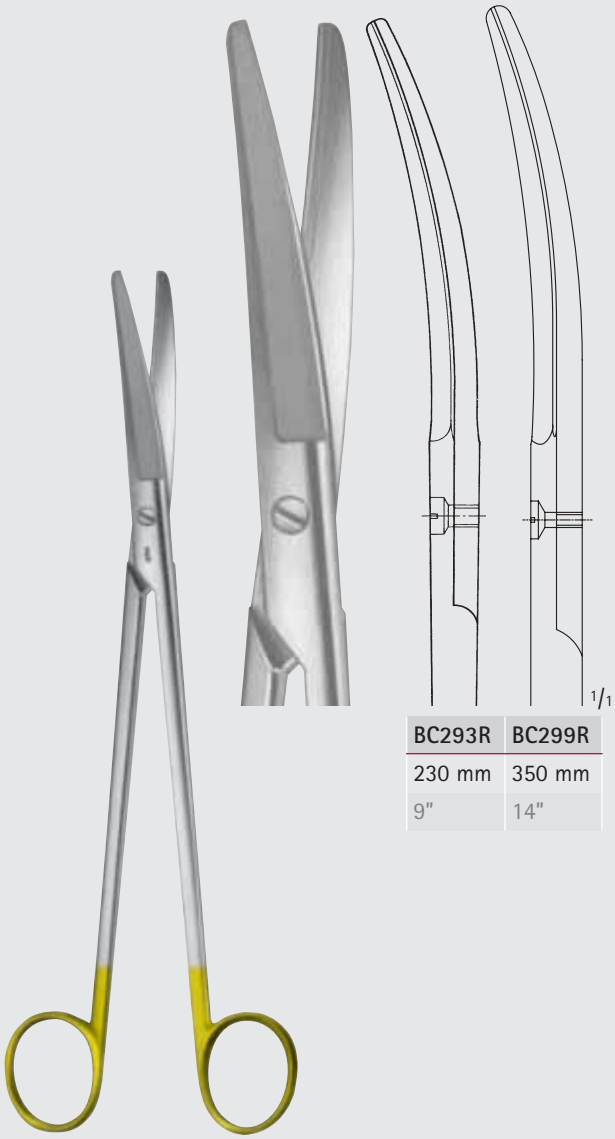


breite Blattenden
broad blade ends

METZENBAUM

BC287R

230 mm, 9"



1/1

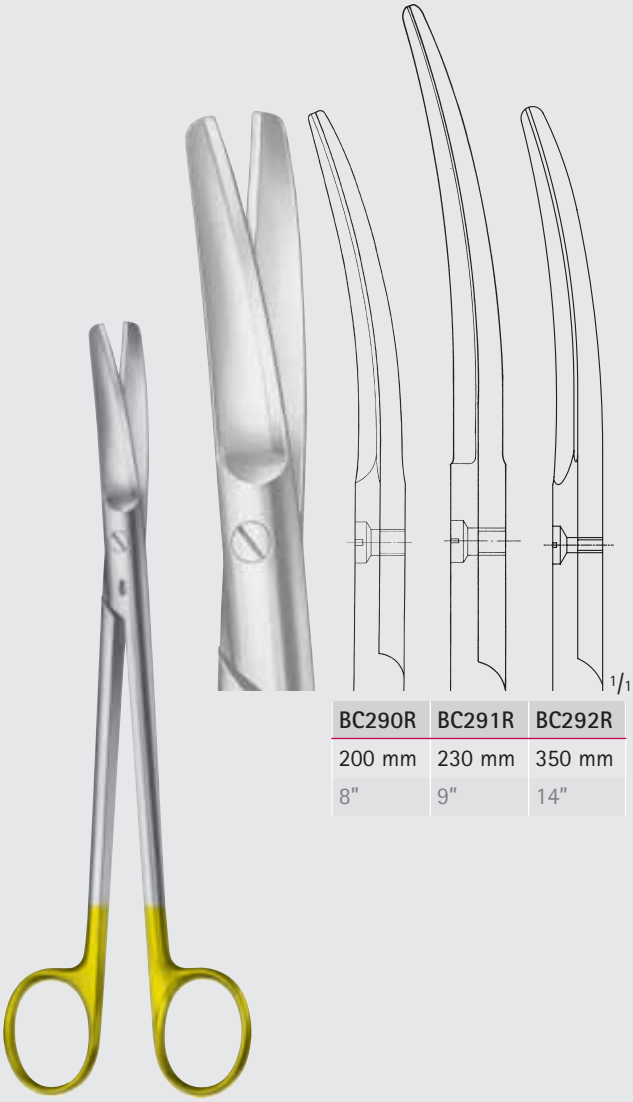
BC293R	BC299R
230 mm	350 mm
9"	14"

WERTHEIM

BC293R–BC299R

Präparierscheren

Dissecting scissors



1/1

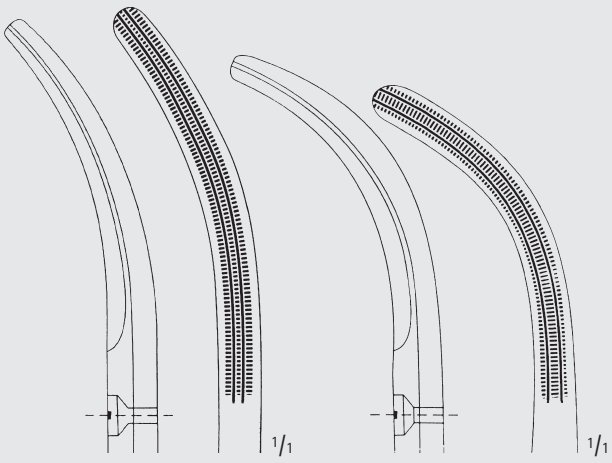
BC290R	BC291R	BC292R
200 mm	230 mm	350 mm
8"	9"	14"

SIMS

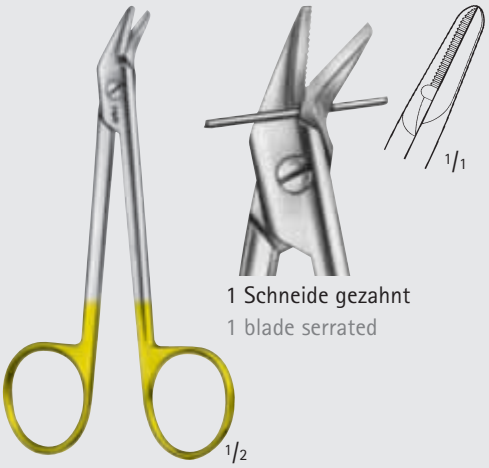
BC290R–BC292R

Uterusscheren

Uterine scissors



BC551R BJ551R BC552R BJ552R



1 Schneide gezahnt
1 blade serrated

DP552R

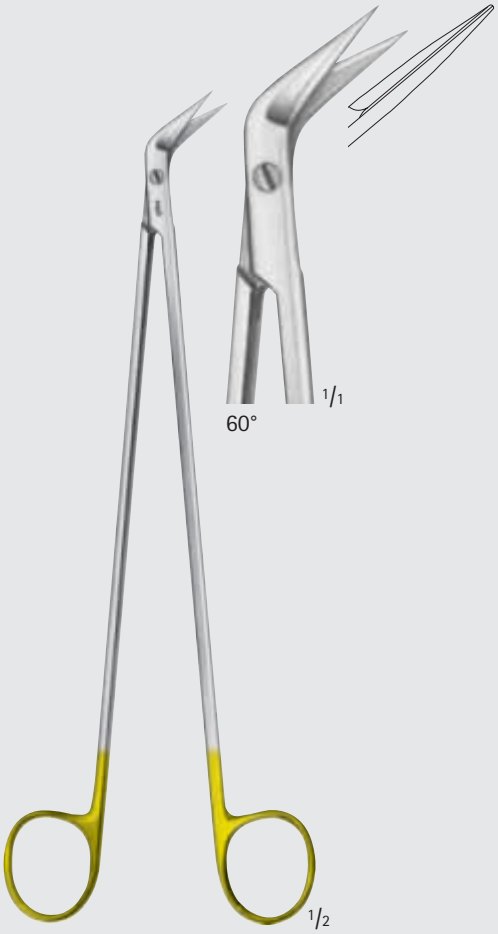
Draht- und Blechschere
Wire cutting scissors
120 mm, 4 3/4"

BC551R
255 mm
10"

BC552R
250 mm
10"

BC551R–BJ552R

Hysterektomiescheren, stark gebogen, passend zu den Parametriumklemmen BJ551R und BJ552R.
Hysterectomy scissors, strongly curved, fitting parametrium clamps BJ551R and BJ552R.



DE BAKEY

BC245R

Gefäßschere
Vascular scissors
220 mm, 8 3/4"

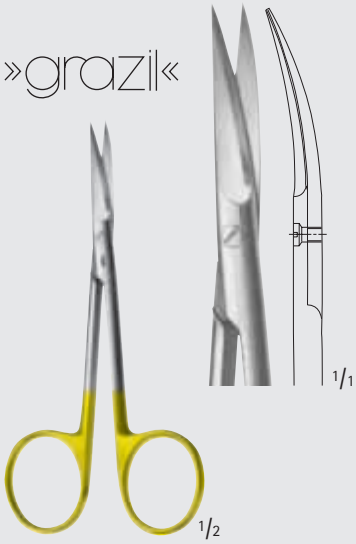
~Wellenschliff
verhindert das Herausgleiten des Gewebes

~Wavecut
prevents tissue from slipping out

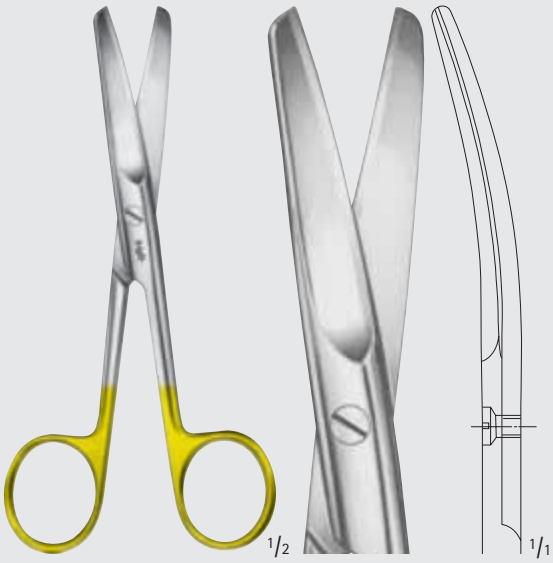
Artikel mit dem Zusatz **~W** sind auf einer Schnittfläche mit Wellenschliff versehen (bei Bestellungen bitte angeben - z.B. BC211W)

~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)

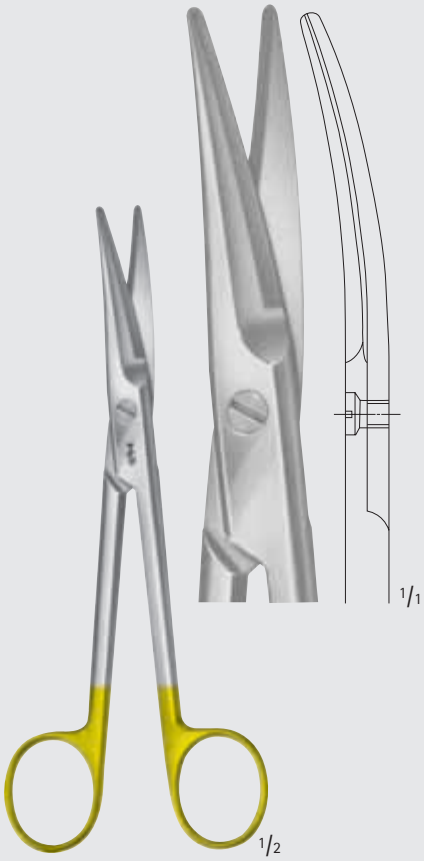
»grazil«



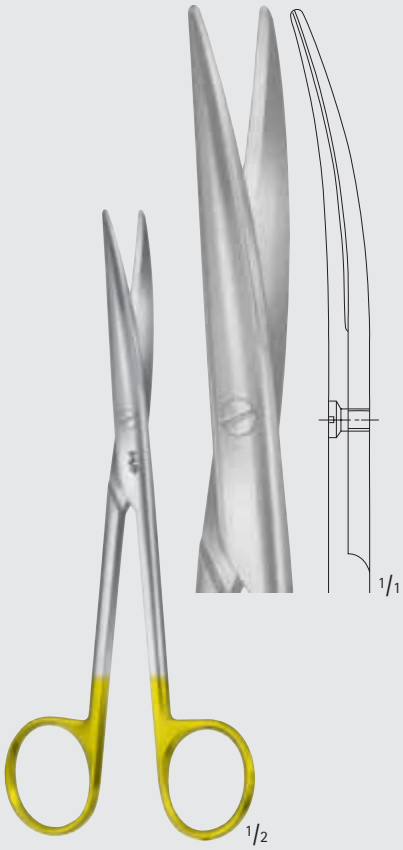
BC211W
Fadenschere
Ligature scissors
110 mm, 4 3/8"



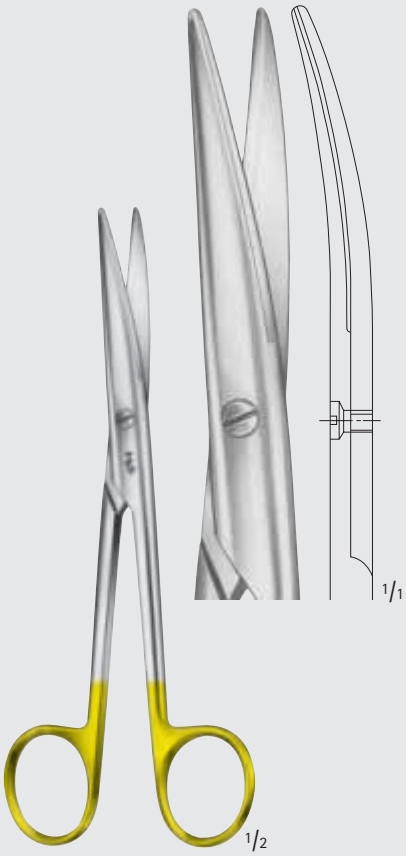
BC231W
Chirurgische Schere
Surgical Scissors
145 mm, 5 3/4"



MAYO
BC253W
Präparierschere
Dissecting scissors
170 mm, 6 3/4"



LEXER
BC283W
Präparierschere, schmal
Dissecting scissors, slender
165 mm, 6 1/2"



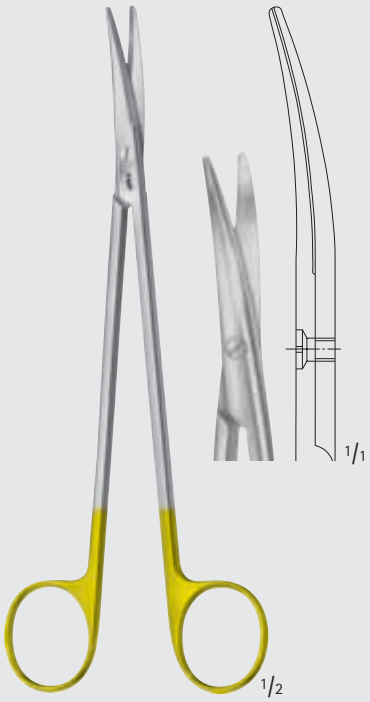
MAYO-LEXER
BC284W
Präparierschere
Dissecting scissors
165 mm, 6 1/2"

Scheren – Scissors

DUROTIP® Präparierscheren mit Wellenschliff

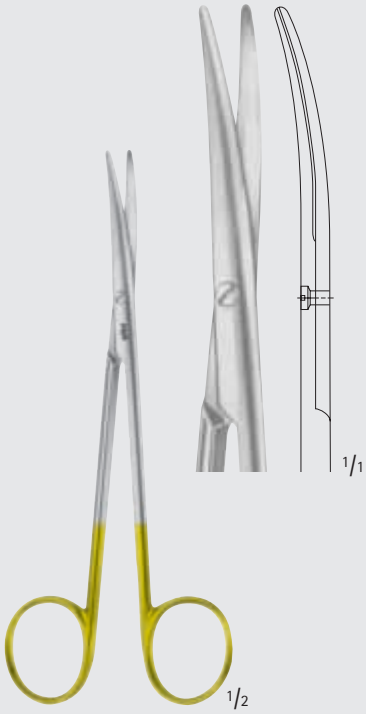
DUROTIP® Wavecut Dissecting Scissors

»grazil«



BC257W

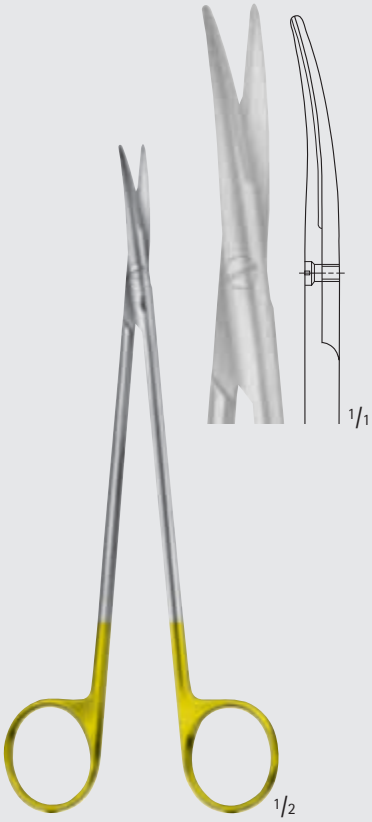
115 mm, 4 1/2"



BABY-METZENBAUM

BC259W

145 mm, 5 3/4"



TÖNNIS-ADSON

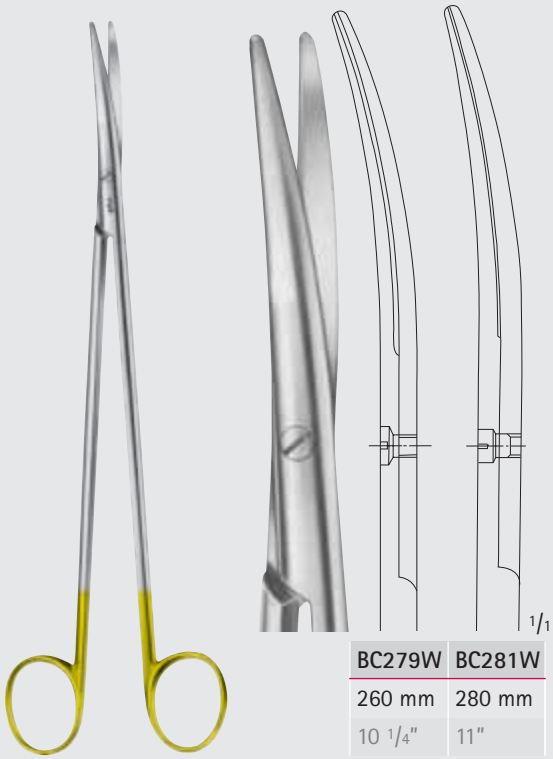
BC273W

175 mm, 7"

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

METZENBAUM

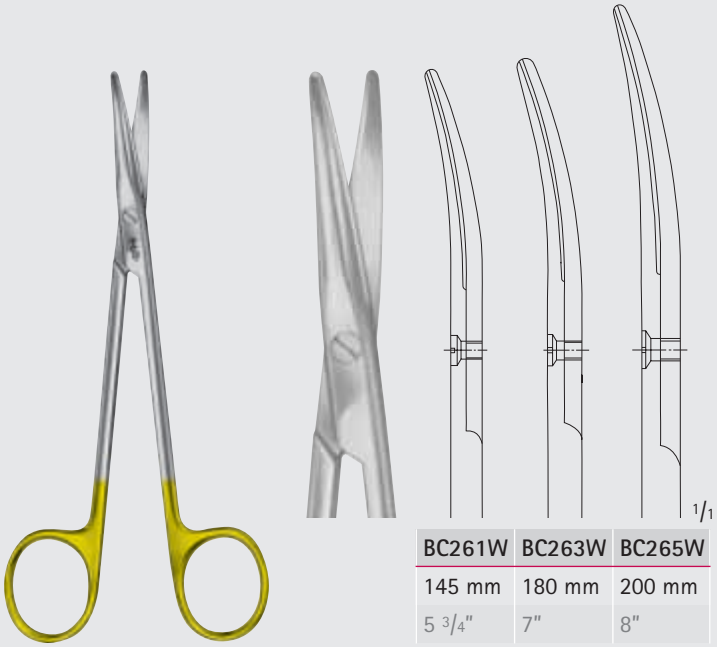
BC271W–BC277W



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

NELSON-METZENBAUM

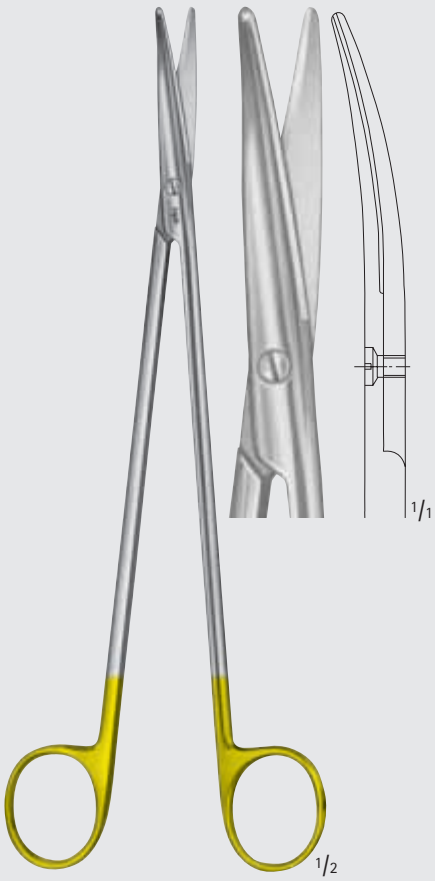
BC279W–BC281W



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

METZENBAUM

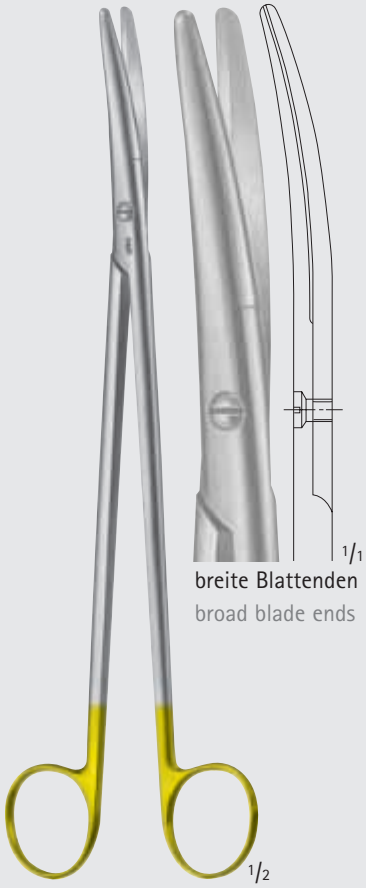
BC261W–BC265W



NELSON-METZENBAUM

BC267W

230 mm, 9"



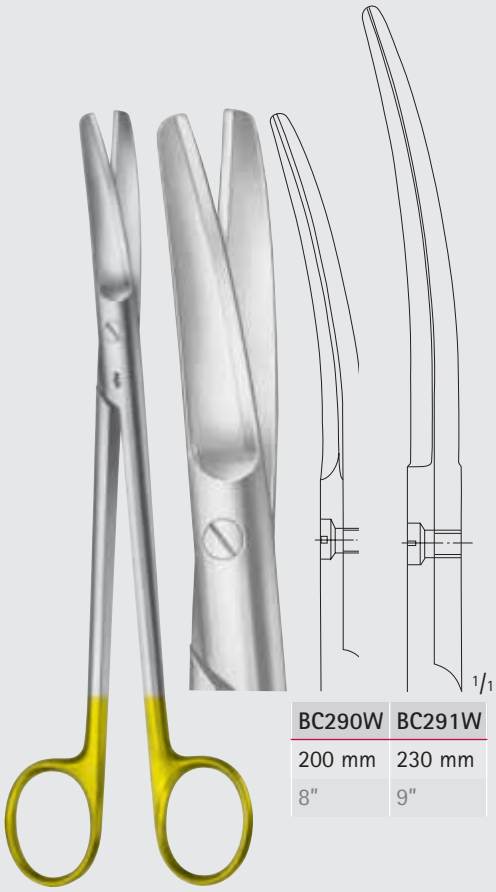
breite Blattenden

broad blade ends

METZENBAUM

BC287W

230 mm, 9"



BC290W	BC291W
200 mm	230 mm
8"	9"

SIMS

BC290W–BC291W

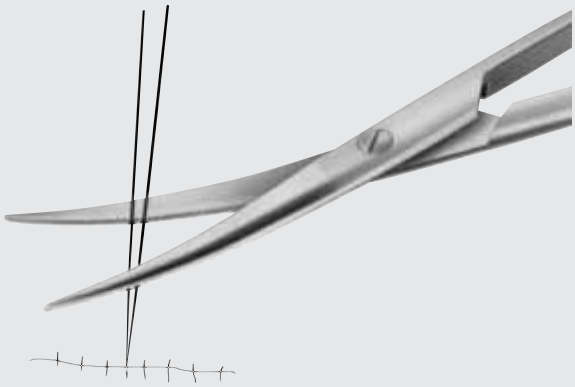
Uterusscheren

Uterine scissors

Scheren – Scissors

DUROTIP® Ligaturscheren mit Wellenschliff

DUROTIP® Wavecut Ligature Scissors



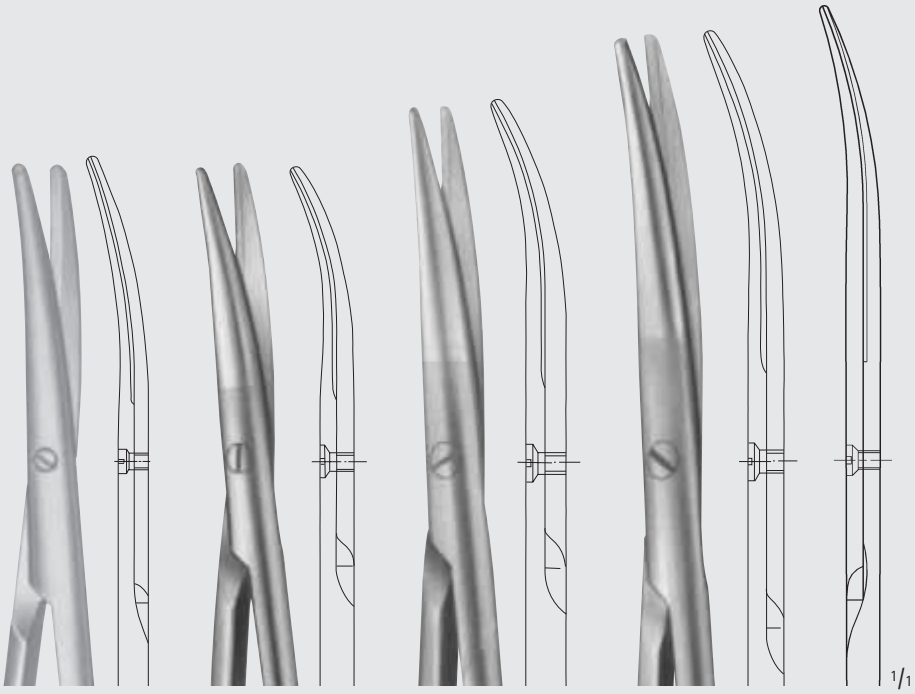
speziell zum Schneiden von Nahtmaterial

- Hartmetalleinlagen gewähren dauerhafte Schnittschärfe (auch im distalen Bereich der Scherenblätter)
- der Spezial-Wellenschliff erhindert 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	BC295W	BC296W	BC297W	BC298W
145 mm	180 mm	230 mm	260 mm	350 mm
5 3/4"	7"	9"	10 1/4"	14"

»grazil«

BC257B

115 mm, 4 1/2"

»grazil«

BABY-METZENBAUM

BC259B

145 mm, 5 3/4"

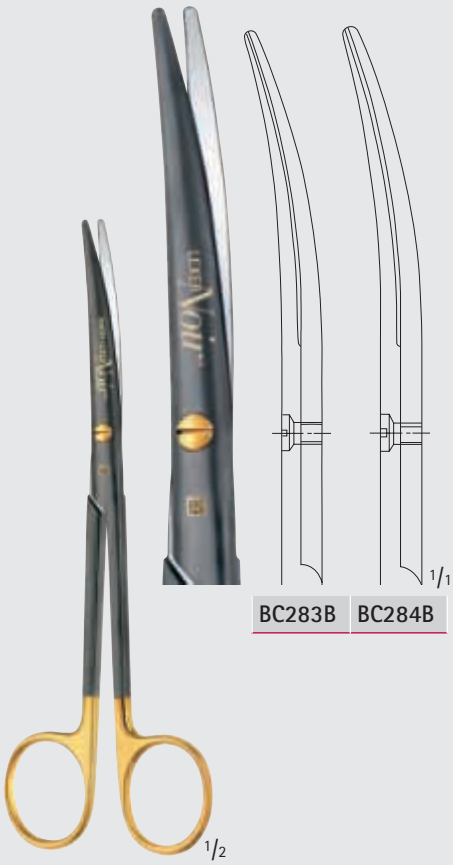
»grazil«

»grazil«

BC261B	BC263B	BC265B	BC271B	BC275B
145 mm	180 mm	200 mm	180 mm	200 mm
5 3/4"	7"	8"	7"	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 form slipping out during the cutting process

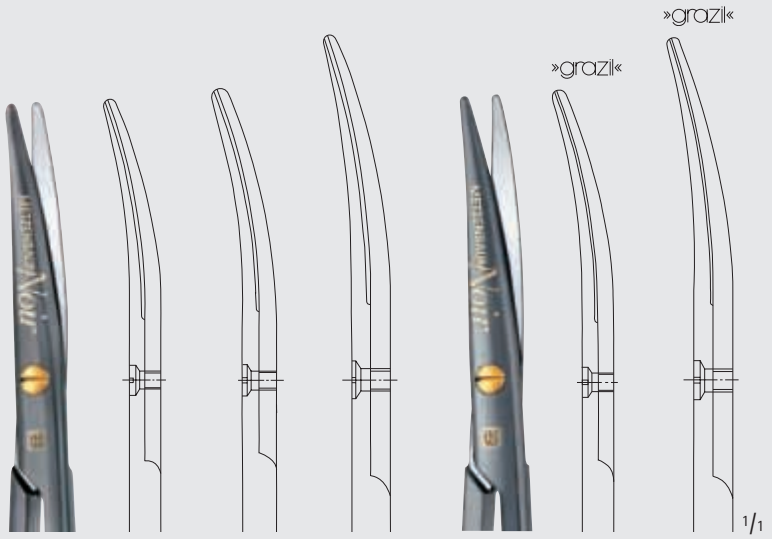
BC257WB

115 mm, 4 1/2"

BABY-METZENBAUM

BC259WB

145 mm, 5 3/4"



BC261WB	BC263WB	BC265WB	BC271WB	BC275WB
145 mm	180 mm	200 mm	180 mm	200 mm
5 3/4"	7"	8"	7"	8"

METZENBAUM

BC261WB–BC275WB

BC283WB BC284WB

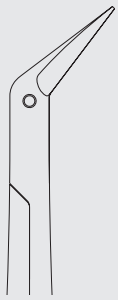
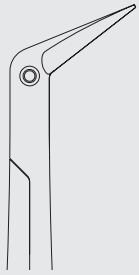
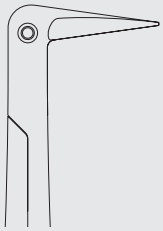
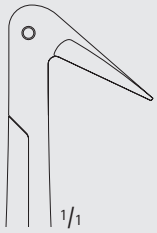
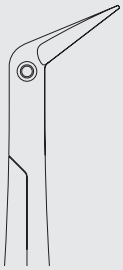
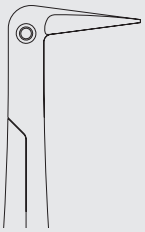
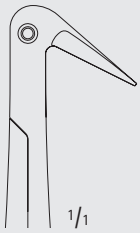
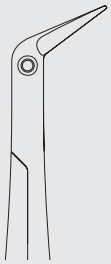
MAYO-LEXER

BC283WB–BC284WB

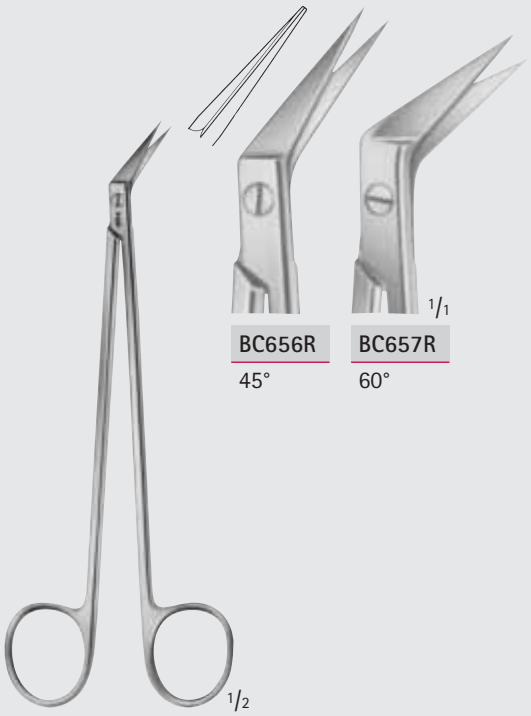
165 mm, 6 1/2"

1/1

180 mm, 7"

	25°	45°	60°	90°	125°
Standard Blatt Standard blade size	BC522R	 BC523R	 BC524R	 BC525R	 1/1 BC526R
Sehr feines Blatt Delicate blade size	BC531R	BC532R	 BC533R	 BC534R	 1/1 BC535R
Extrem feines Blatt Ultra delicate blade size	BC515R	BC516R	 BC517R	BC518R	1/1 BC519R

BC



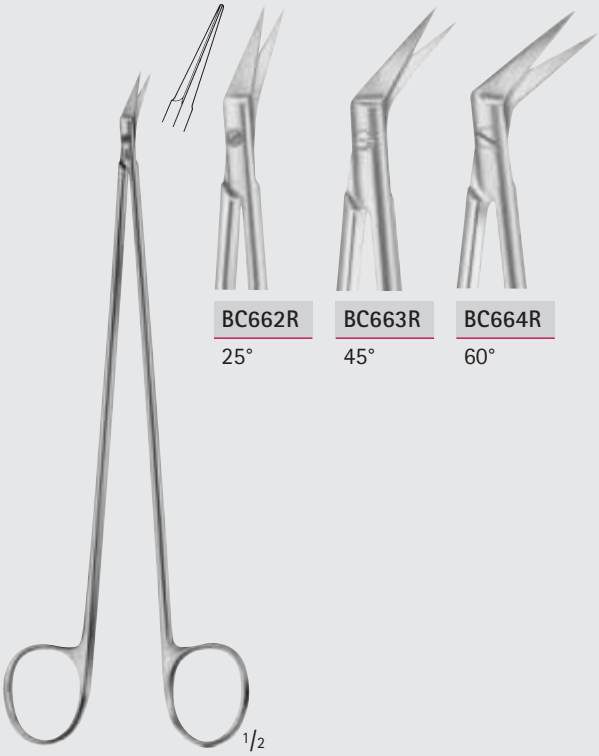
BC656R 45°

BC657R 60°

DE BAKEY

BC656R–BC657R

155 mm, 6"



BC662R 25°

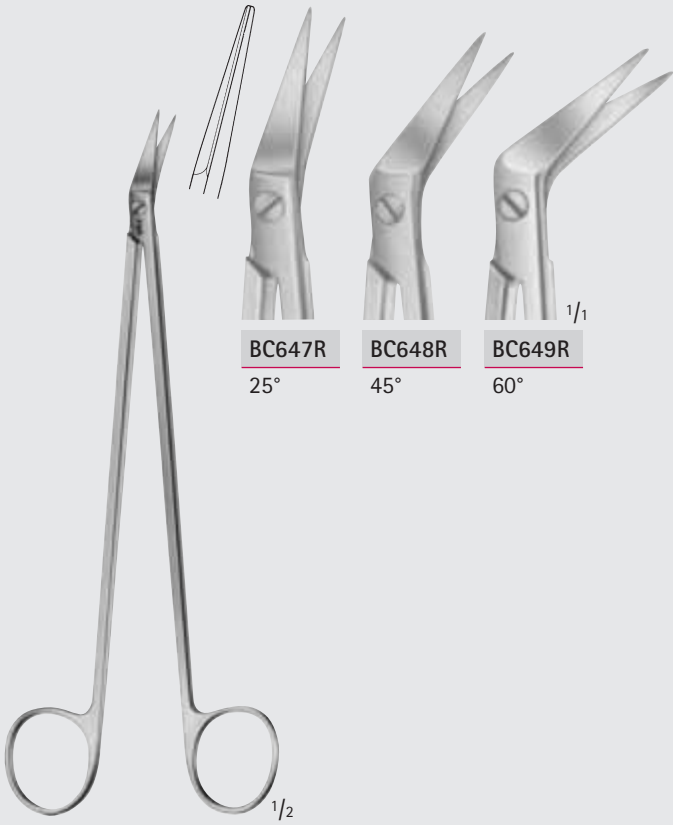
BC663R 45°

BC664R 60°

DIETHRICH-HEGEMANN

BC662R–BC664R

180 mm, 7"



BC647R 25°

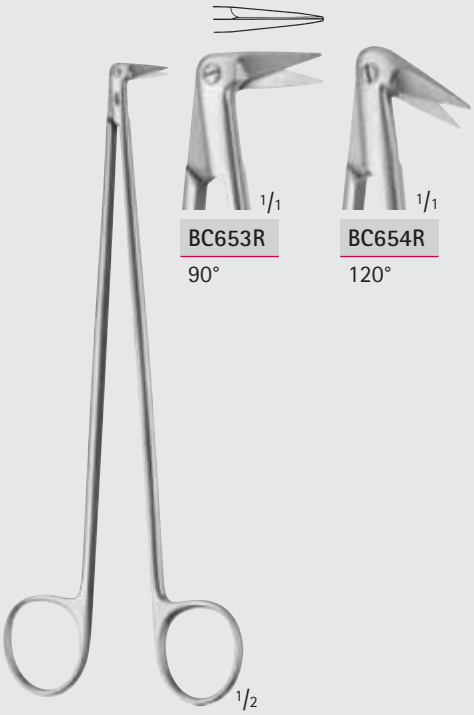
BC648R 45°

BC649R 60°

POTTS-DE MARTEL

BC647R–BC649R

185 mm, 7 1/4"



BC653R 90°

BC654R 120°

DIETHRICH

BC653R–BC654R

170 mm, 6 3/4"

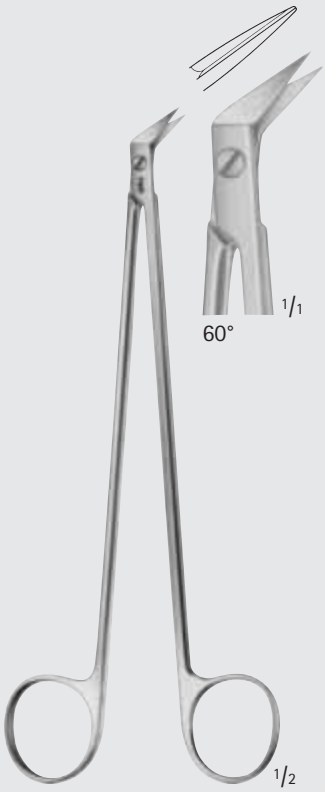
INCHES

55°
aufgebogen
55°
angled on flat

POTTS-SMITH

BC646R

Gefäßschere
Cardiovascular scissors
180 mm, 7"



60°

POTTS-SMITH

BC652R

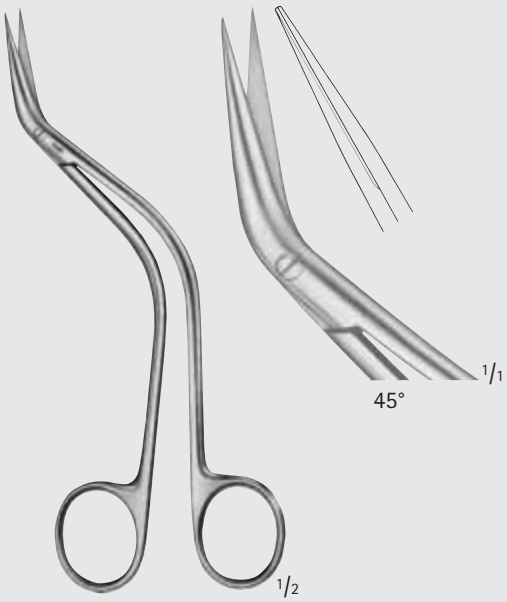
Gefäßschere
Cardiovascular scissors
180 mm, 7"

POTTS-DE MARTEL
BC650R
60°

MILLS
BC651R
60°

BC650R–BC651R

Gefäßscheren
Cardiovascular scissors
220 mm, 8 3/4"

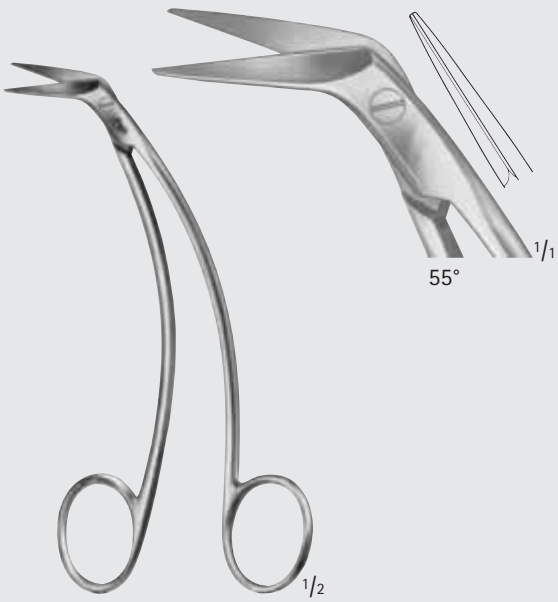


45°

DE BAKEY

BC669R

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



55°

FAVOLORO

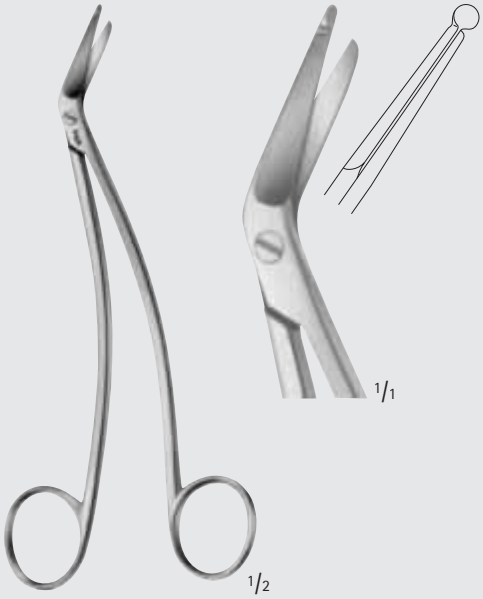
BC670R

Gefäßschere
Cardiovascular scissors
140 mm, 5 1/2"

Scheren – Scissors

Scheren für Gefäß- und Neurochirurgie

Scissors for Vascular and Neuro Surgery



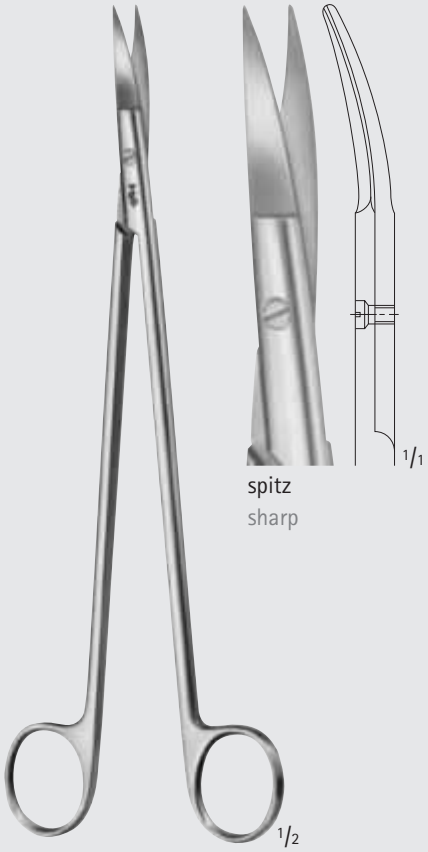
SCHMIEDEN-TAYLOR

BC660R

Duraschere

Dura scissors

155 mm, 6"



spitz

sharp

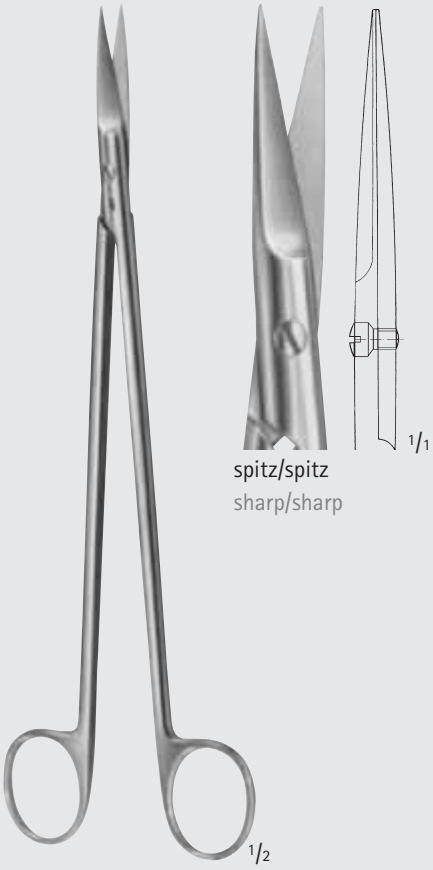
STRULLY

BC644R

Gefäßschere

Vascular scissors

220 mm, 8 3/4"



spitz/spitz

sharp/sharp

BC642R

Gefäßschere

Vascular scissors

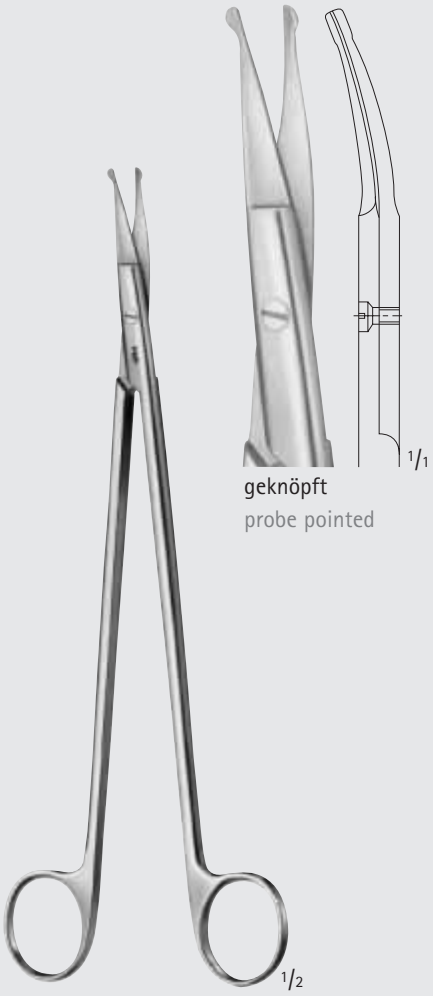
225 mm, 9"

spitz/spitz
sharp/sharp

BARRÉ

BC715R

280 mm, 11"



geknöpft
probe pointed

STRULLY

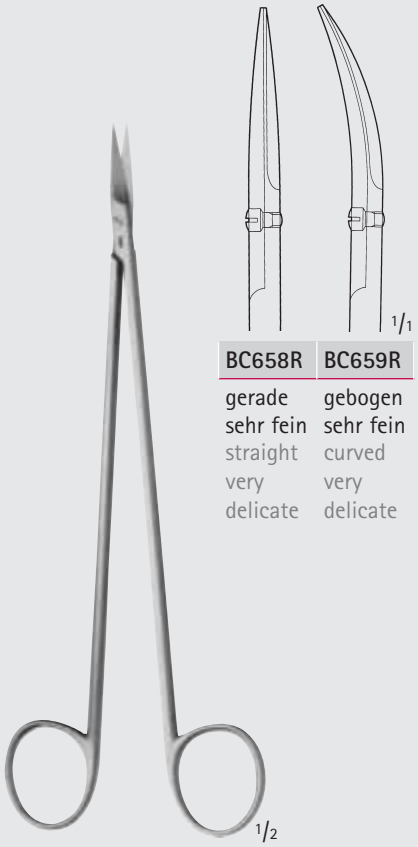
BC645R

220 mm, 8 3/4"

Scheren – Scissors

Scheren für die Gefäßchirurgie

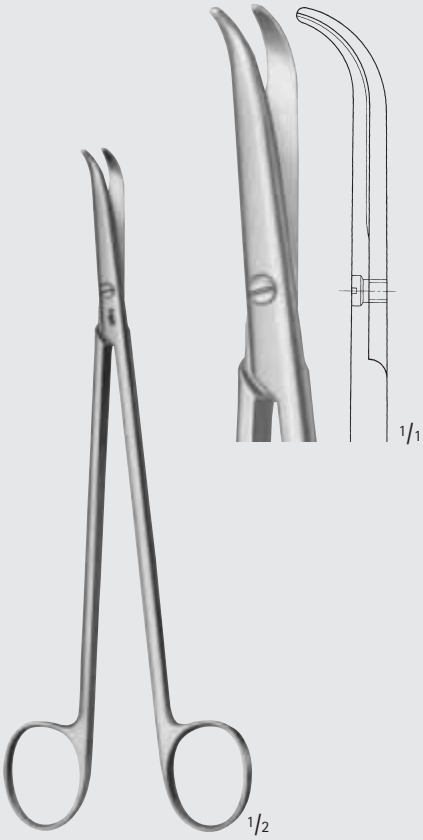
Scissors for Vascular Surgery



BC658R	BC659R
gerade	gebogen
sehr fein	sehr fein
straight	curved
very	very
delicate	delicate

BC658R–BC659R

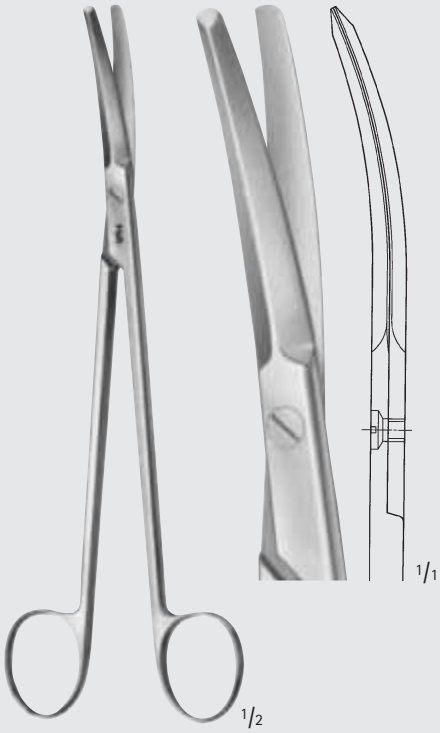
190 mm, 7 1/2"



THOREK

BC636R

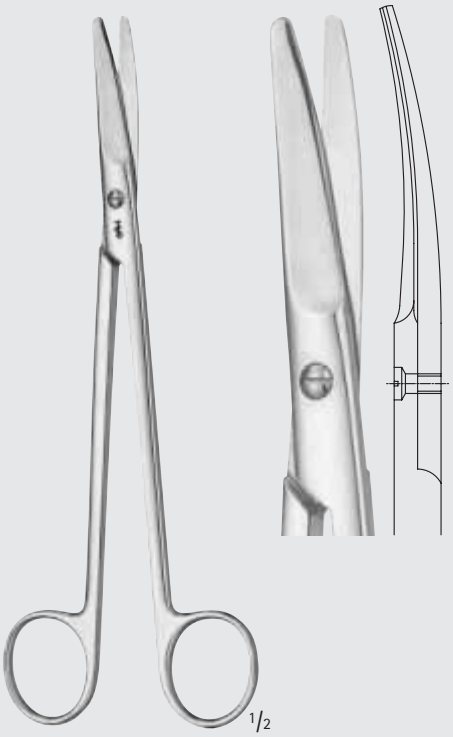
180 mm, 7"



POTTS-SMITH

BC643R

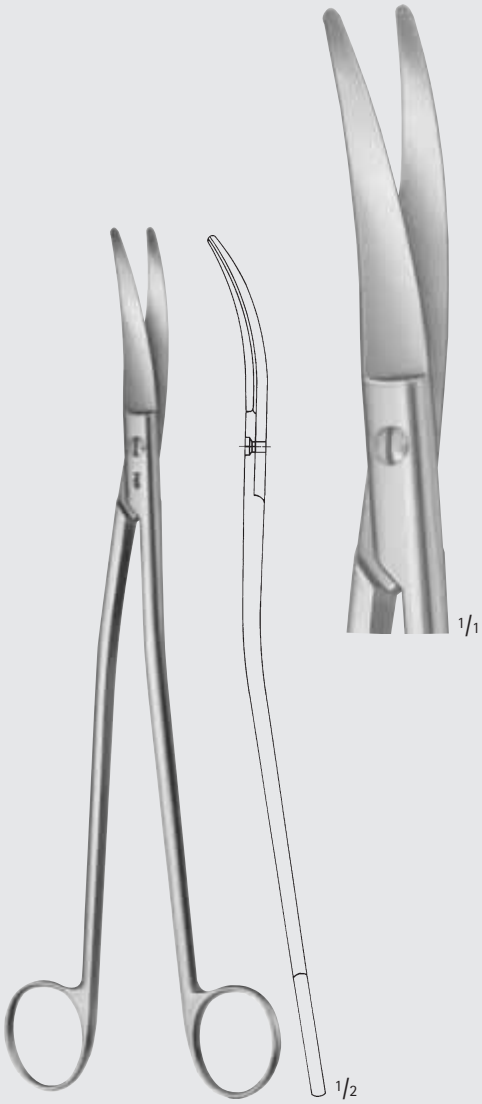
190 mm, 7 1/2"



COOLEY

BC597R

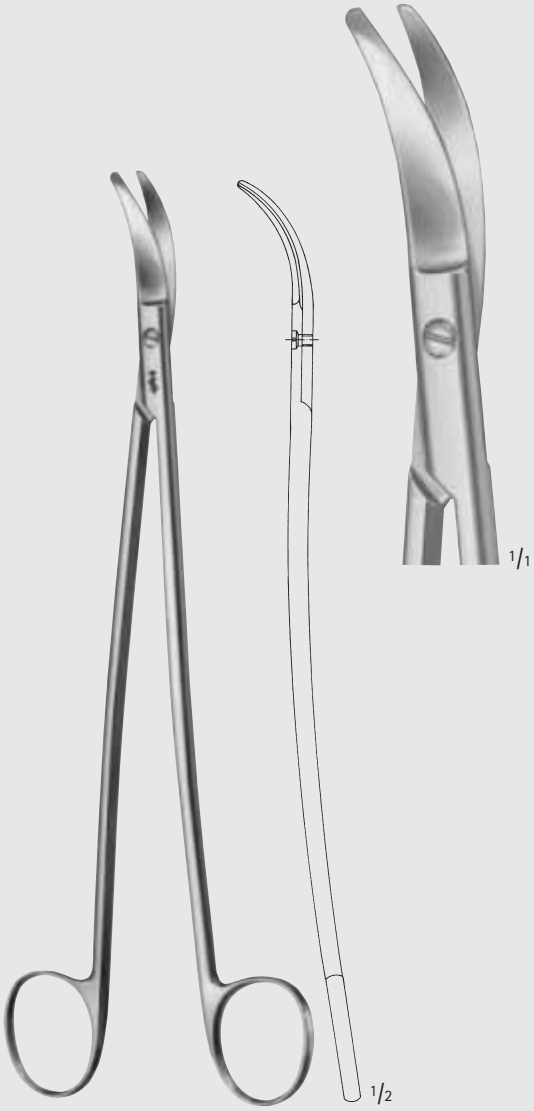
190 mm, 7 1/2"



KLINKENBERG-LOTH

BC640R

230 mm, 9"



SATINSKY

BC641R

245 mm, 9 3/4"

BC

KILLIAN

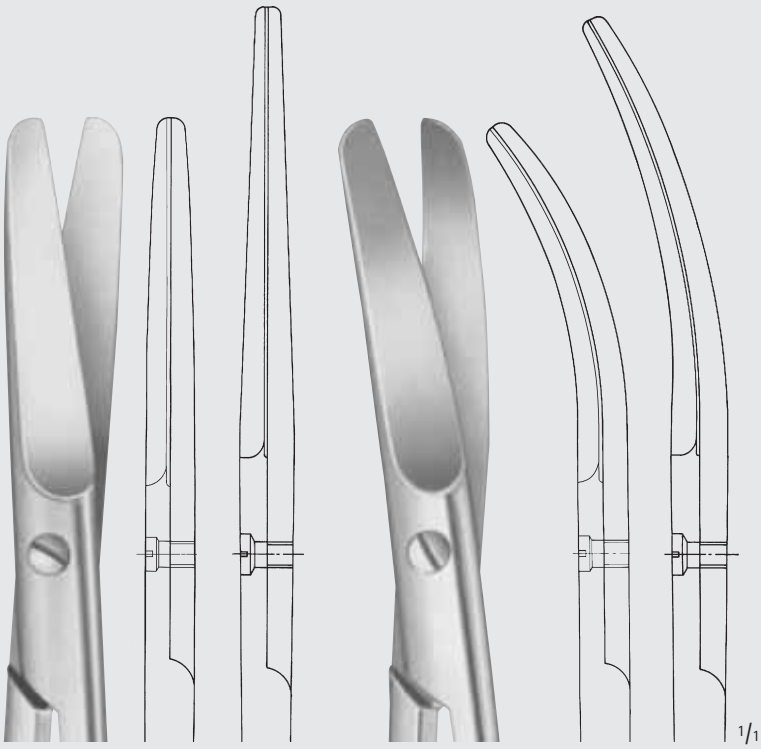
OP130R

200 mm, 8"

MÜHLING

FO216R

210 mm, 8 1/4"



SIMS

BC721R–BC743R

BC721R	BC723R
200 mm	230 mm
8"	9"

BC741R	BC743R
200 mm	230 mm
8"	9"

SIMS

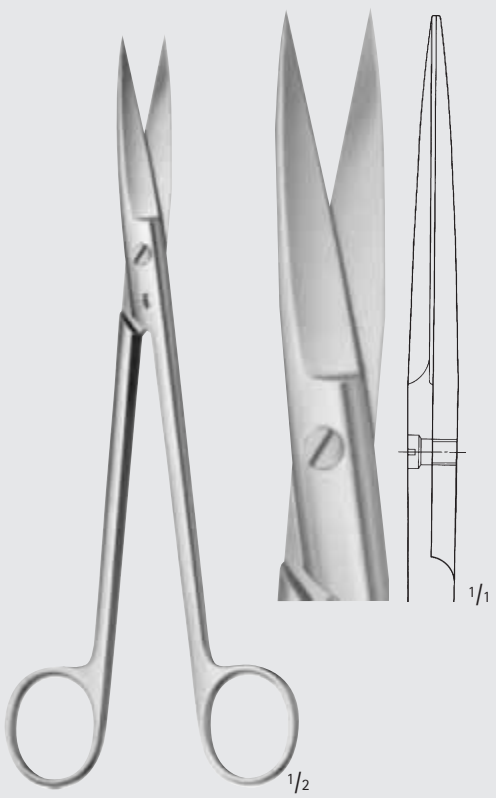
BC746R–BC748R

BC746R	BC748R
200 mm	230 mm
8"	9"

Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie

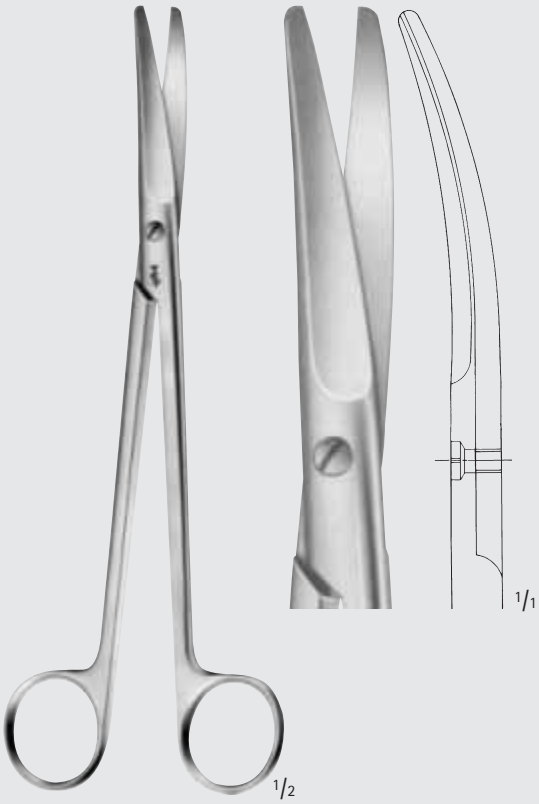
Scissors for Deep Operations and for Gynecology



SIMS

BC731R

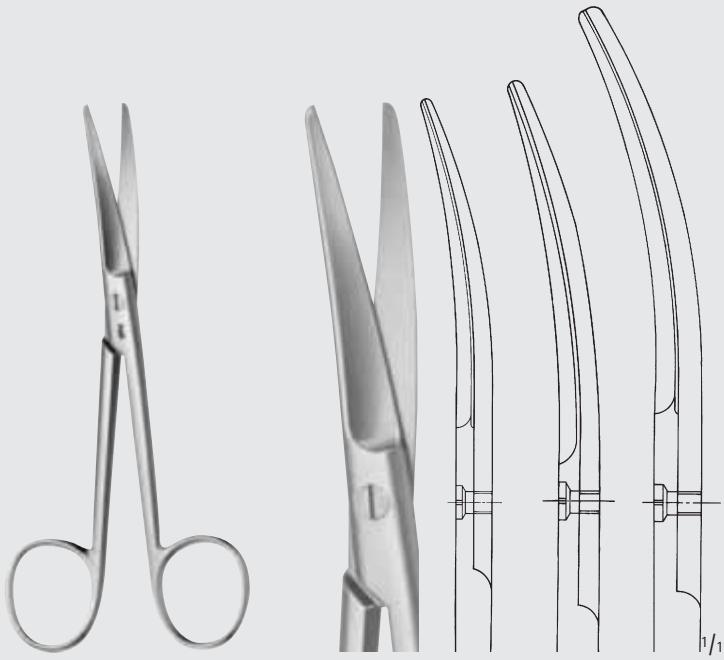
200 mm, 8"



SIMS

BC708R

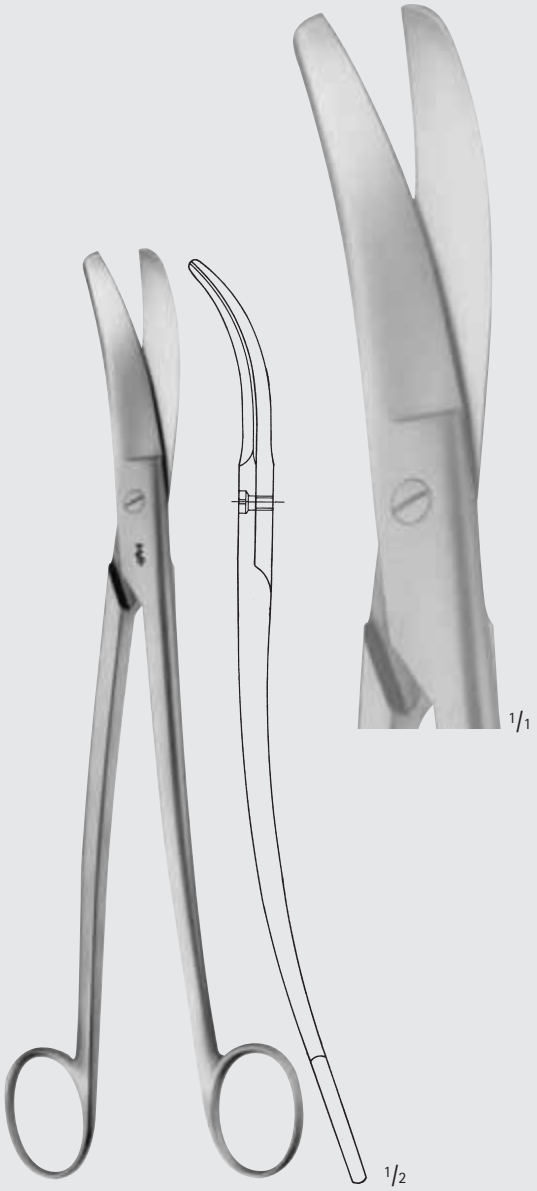
210 mm, 8 1/4"



WERTHEIM

BC702R–BC704R

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



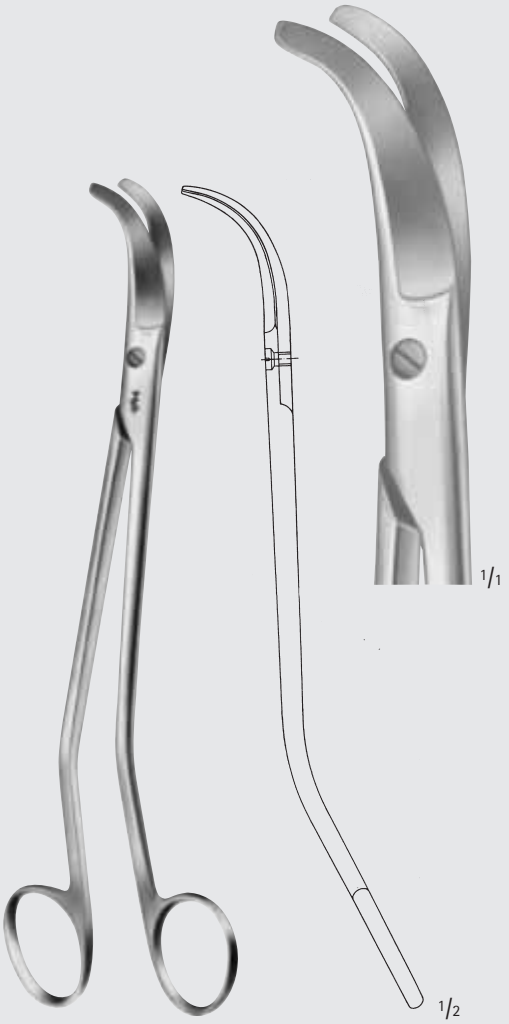
SIEBOLD

BC760R

Uterusschere

Uterine scissors

245 mm, 9 3/4"



BOZEMANN

BC761R

Uterusschere

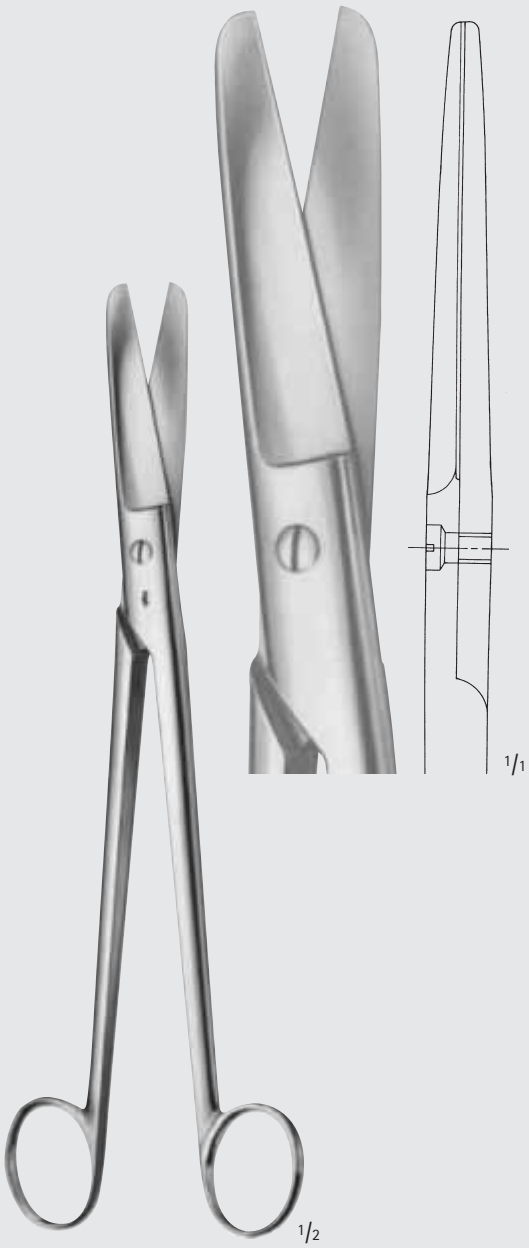
Uterine scissors

220 mm, 8 3/4"

Scheren – Scissors

Scheren für Operation in der Tiefe und für Gynäkologie

Scissors for Deep Operations and for Gynecology



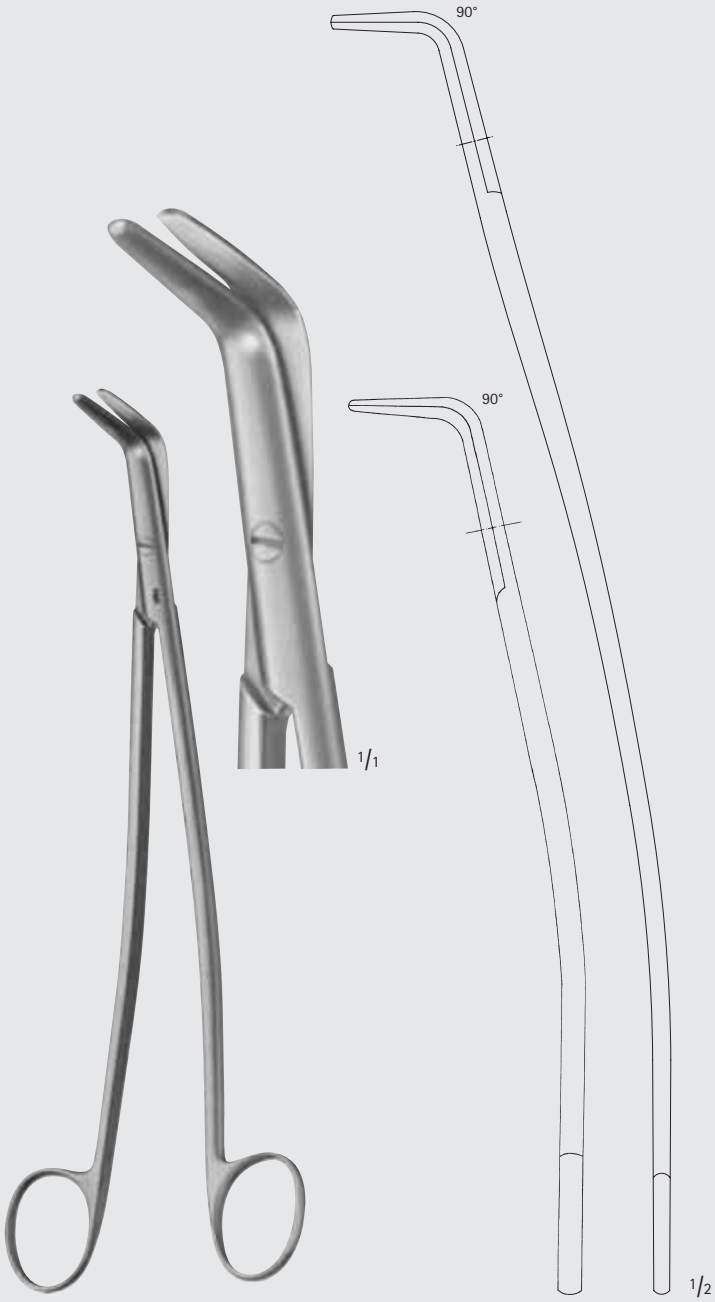
SIMS-SIEBOLD

BC762R

Uterusschere

Uterine scissors

250 mm, 10"



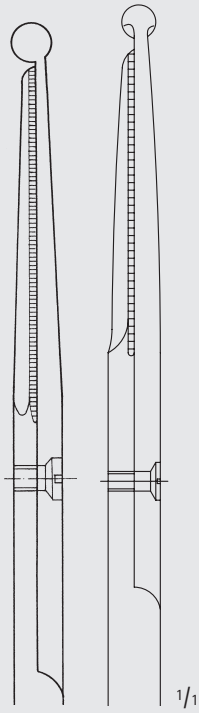
KIEBACK

BC763R–BC765R

Parametriumscheren

Parametrium scissors

BC763R	BC765R
240 mm	350 mm
9 1/2"	14"



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

KIEBACK

BC764R–BC766R

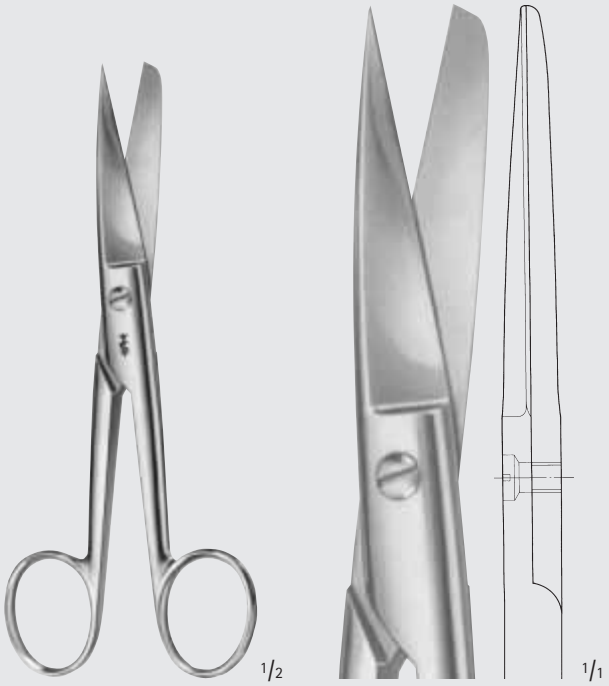
Parametriumscheren, seitwärts gebogen, 1 Blatt mit Knopfspitze

Parametrium scissors, curved to side, with 1 probe pointed blade

Scheren – Scissors

Chirurgische Scheren, kräftige Modelle

Surgical Scissors, Heavy Patterns



BC771R

Bauchdeckenschere

Abdominal scissors

160 mm, 6 1/4"

BC774R

Bauchdeckenschere

Abdominal scissors

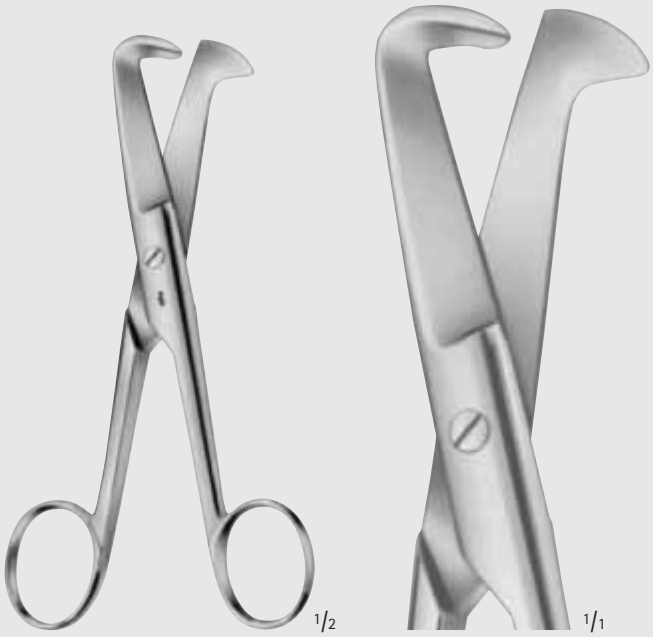
180 mm, 7"

BC772R–BC776R

Bauchdeckenscheren

Abdominal scissors

BC772R	BC776R
160 mm	180 mm
6 1/4"	7"



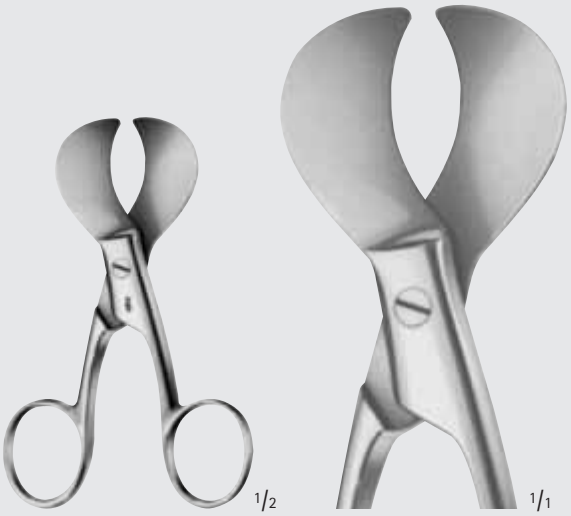
SCHUHMACHER

ET150R

Nabelschnurschere

Umbilical cord scissors

155 mm, 6"

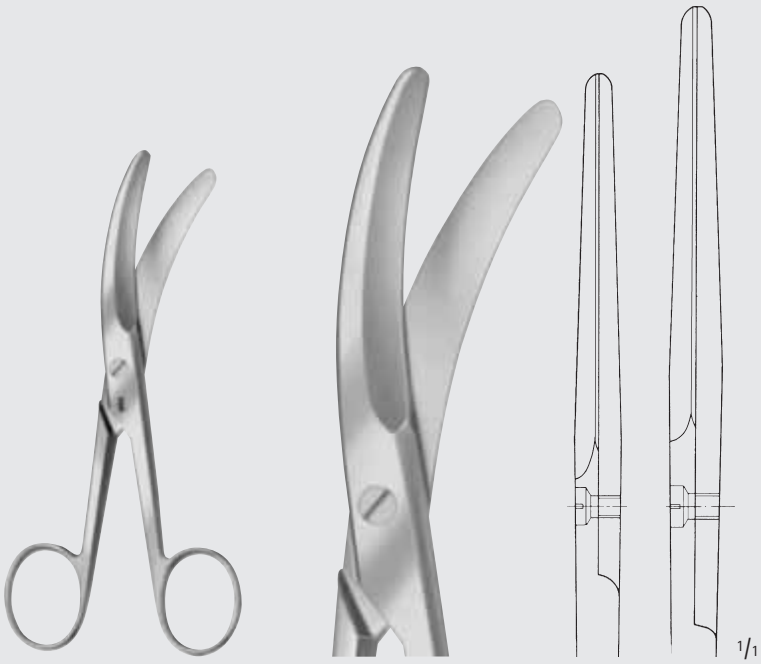


ET152R

Nabelschnurschere

Umbilical cord scissors

105 mm, 4 1/8"



BC796R–BC797R

Nabelschnurscheren

Umbilical cord scissors

BC796R	BC797R
135 mm	160 mm
5 1/4"	6 1/4"

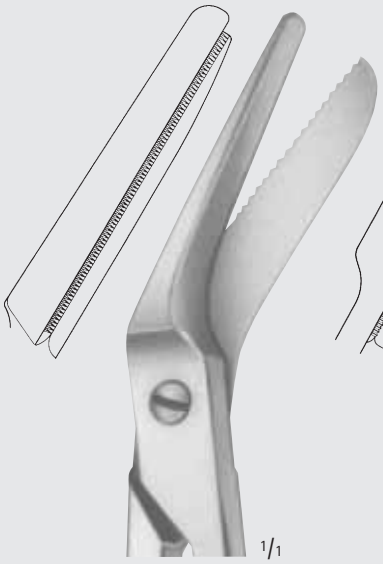
BC

BRAUN-STADLER

ET140R–ET141R

Dammscheren

Episiotomy scissors



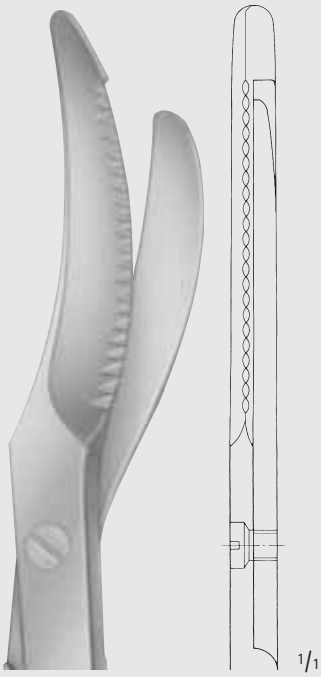
1/1

ET140R
145 mm
5 3/4"

1/1

ET141R
200 mm
8"

1/2



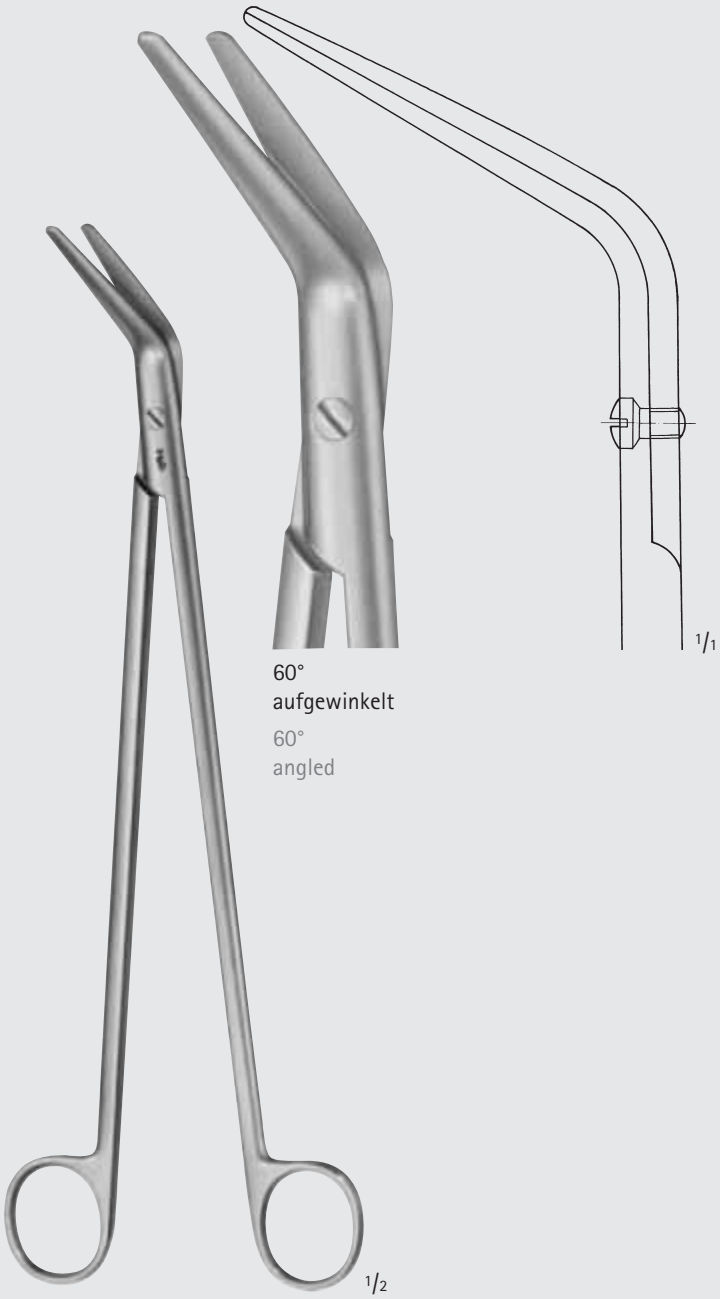
1/1

ET142R

Dammschere

Episiotomy scissors

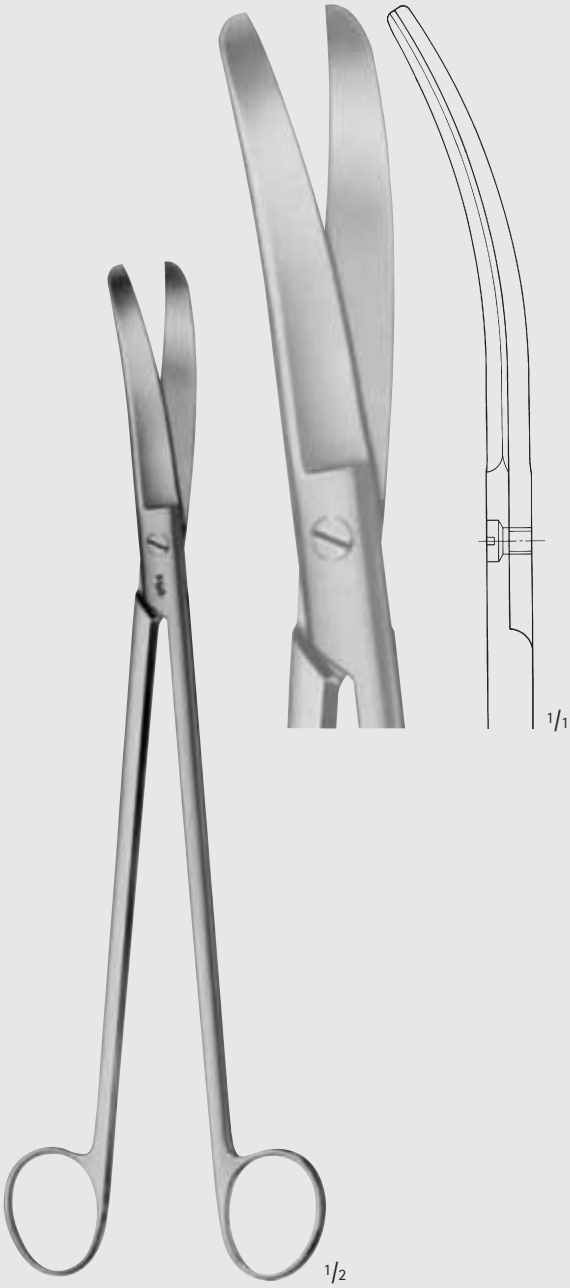
240 mm, 9 1/2"



60°
aufgewinkelt
60°
angled

BC624R

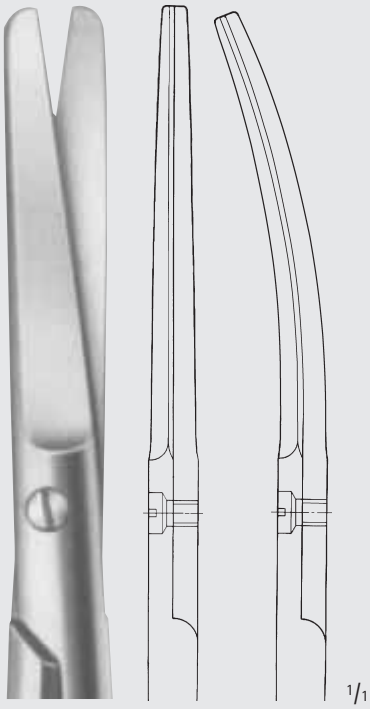
Präparierschere
zum Durchtrennen des Darms nach erfolgter Naht mit einem Naht-Gerät
Dissecting scissors
for cutting of the bowel after suturing with suture device
280 mm, 11"



LLOYD-DAVIES (GOLIGHER'S)

BC621R

Rektumschere
Rectal scissors
270 mm, 10 3/4"



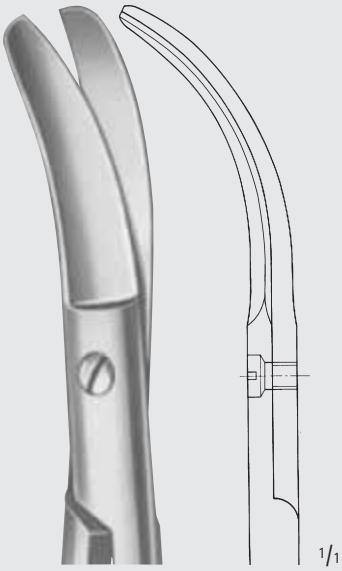
STELZNER

BC622R-BC623R

Rektumscheren

Rectal scissors

310 mm, 12 3/8"

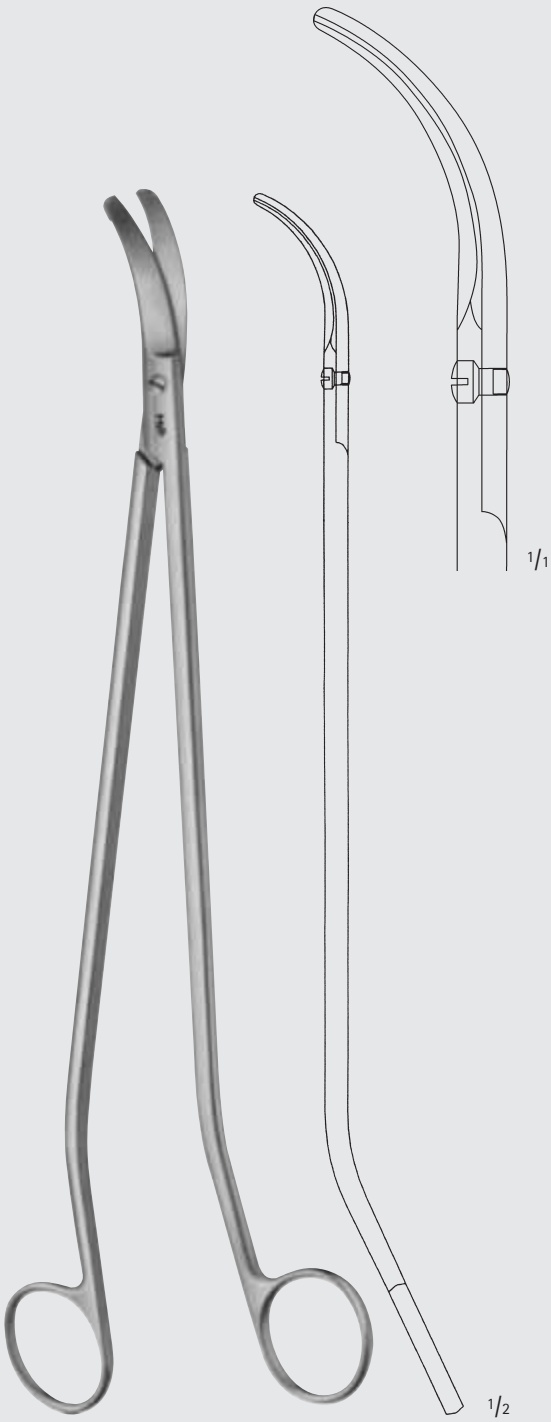


BC617R

Rektumschere

Rectal scissors

325 mm, 13"



MÜLLER

BC627R

S-förmig

S-shaped

325 mm, 13"

Scheren – Scissors

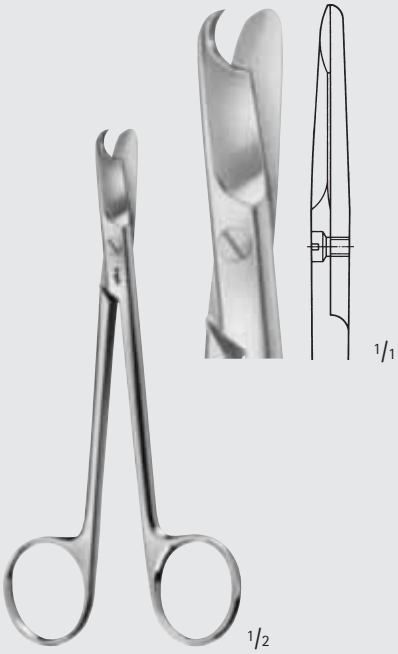
Ligaturscheren

Ligature Scissors

BC801R	BC802R
90 mm	115 mm
3 1/2"	4 1/2"

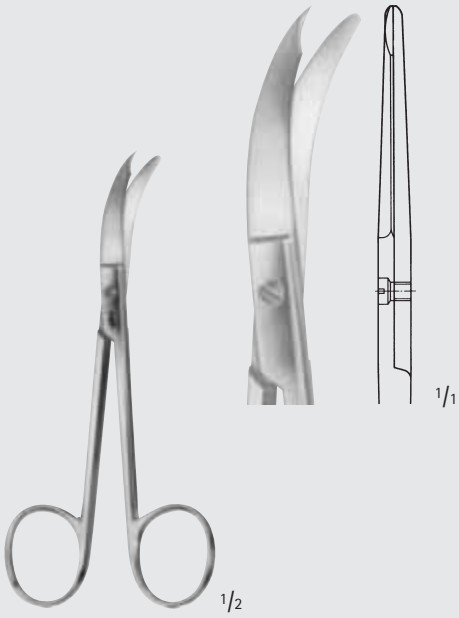
SPENCER

BC801R–BC802R



BC803R

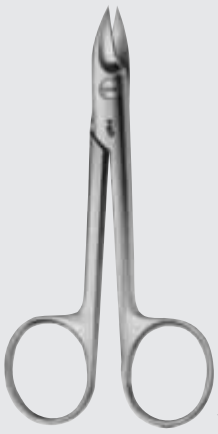
135 mm, 5 1/4"

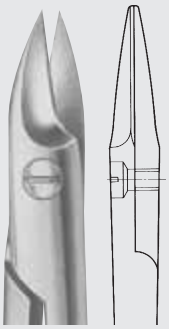


NORTHBENT

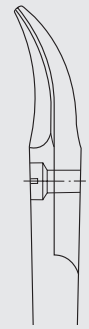
BC805R

120 mm, 4 3/4"

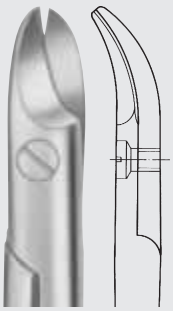




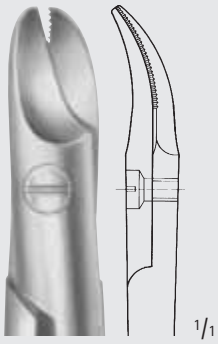
DP560R



DP561R



DP563R
breite Blätter
broad blades

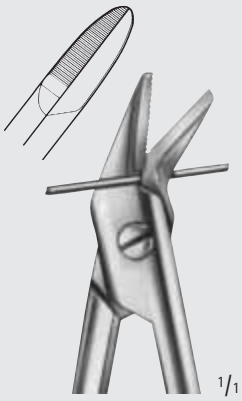


DP569R
1 Schneide gezahnt
1 blade serrated

BEEBE

DP560R–DP569R

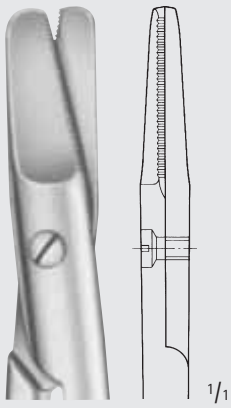
110 mm, 4 3/8"



1 Schneide gezahnt
1 blade serrated

DP551R

120 mm, 4 3/4"



Schneiden gezahnt
Blades serrated

HARVEY

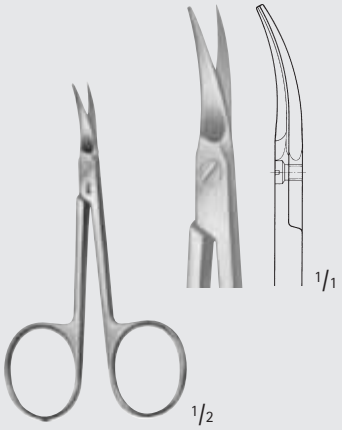
BC815R

125 mm, 5"

Scheren – Scissors

Nagelscheren

Nail Scissors

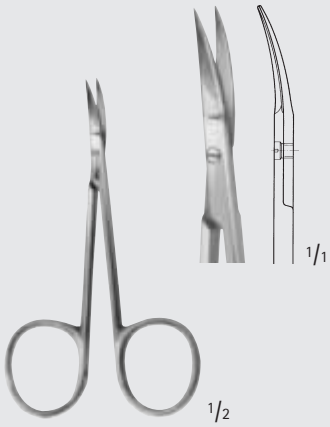


HF400R

Nagelschere

Nail scissors

90 mm, 3 1/2"

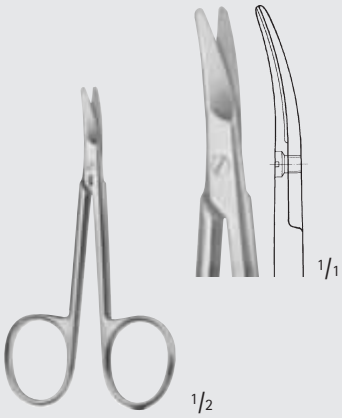


HF409R

Nagelschere,
extra feines Modell

Nail scissors,
especially delicate pattern

90 mm, 3 1/2"

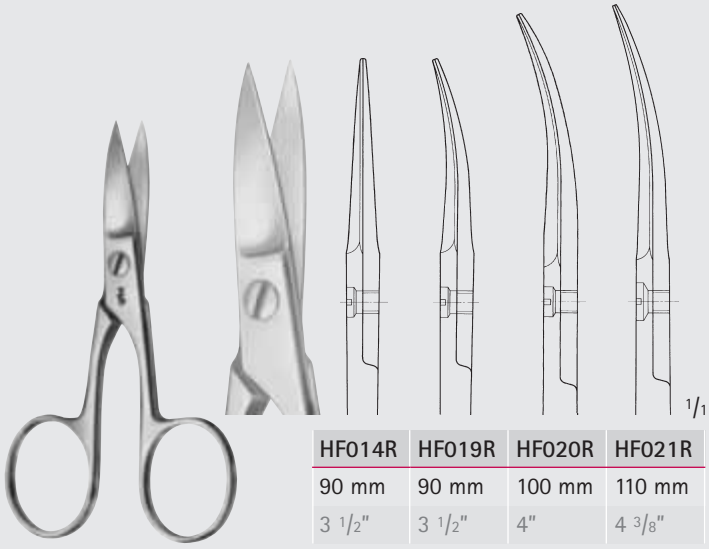


HF032R

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

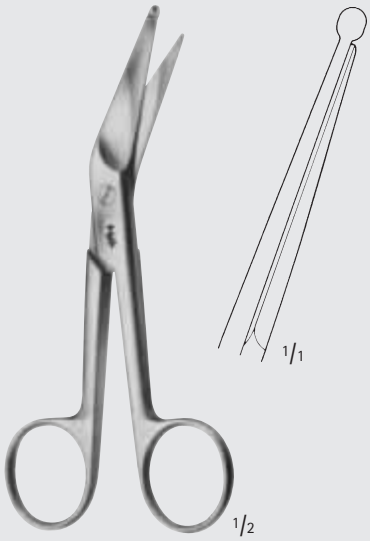
Nail scissors

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

HF028R-HF031R

Nagelscheren

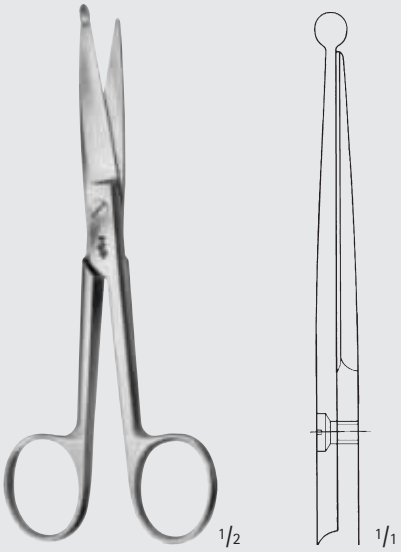
Nail scissors



KNOWLES

BC847R

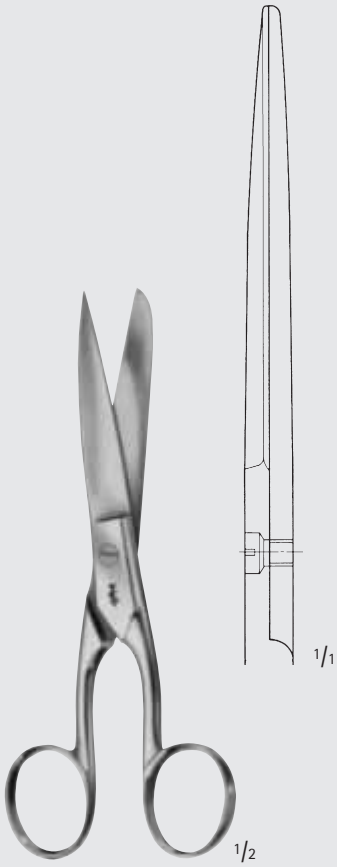
140 mm, 5 1/2"



KNOWLES

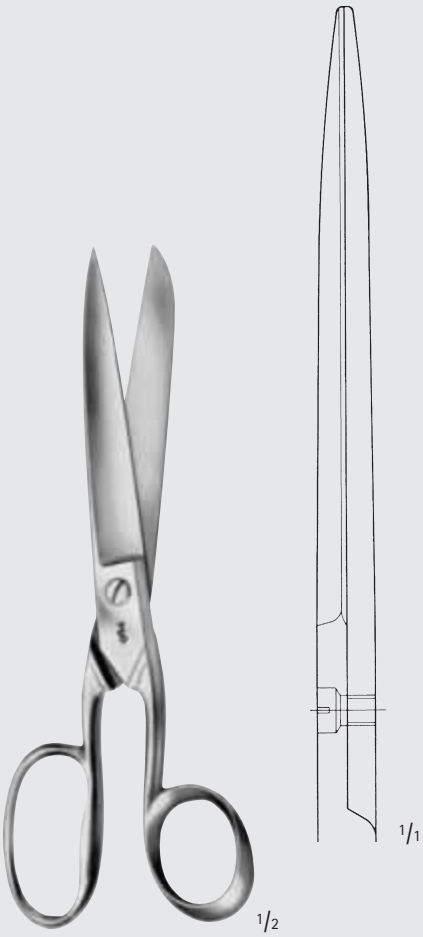
BC846R

145 mm, 5 3/4"



BC835R

150 mm, 6"



SMITH

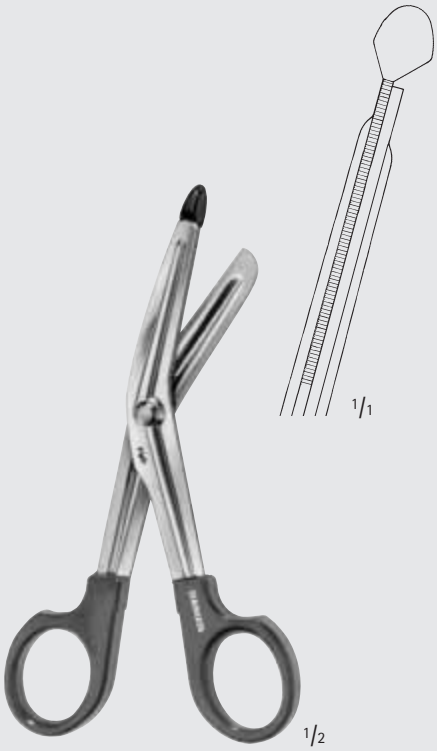
BC838R

180 mm, 7"

Scheren – Scissors

Verband- und Kleiderscheren

Bandage- and Cloth Scissors



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 Kleiderstoffschere, 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"

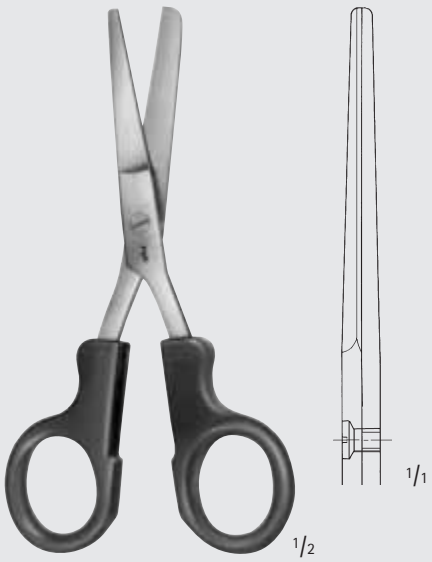
BC881R–BC989R

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 Kleiderstoffschere,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"

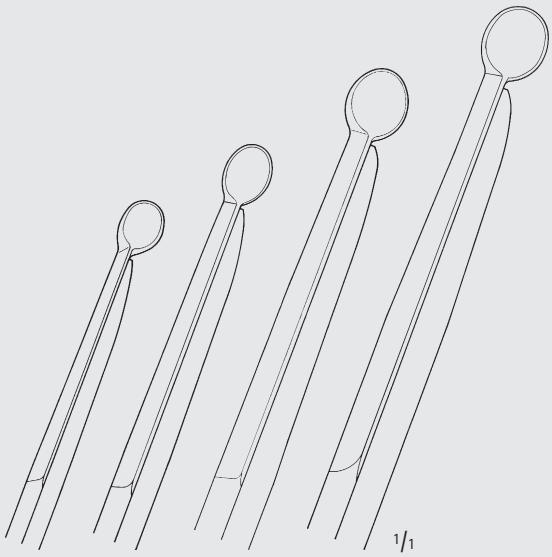


BC890R

Schwesternschere, autoklavierbar bis 143°C (3 bar)

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

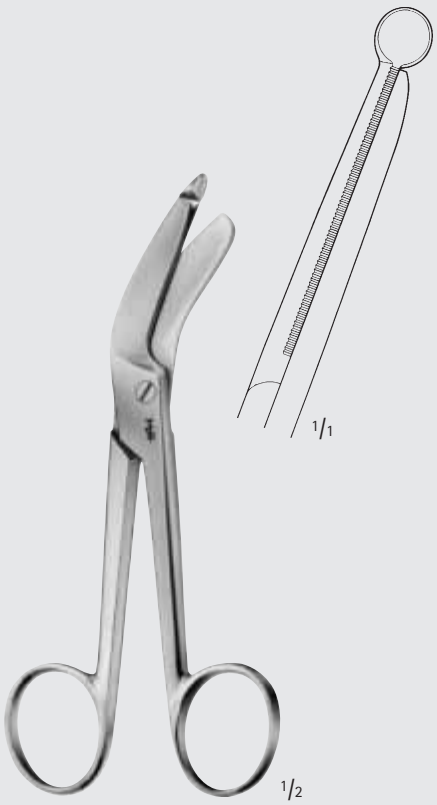
145 mm, 5 3/4"



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

LISTER

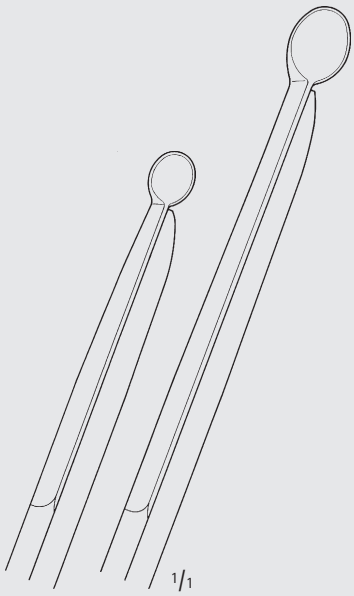
BC860R–BC860R



LISTER

BC876R

160 mm, 6 1/4"



BC848R	BC849R
155 mm	180 mm
6"	7"

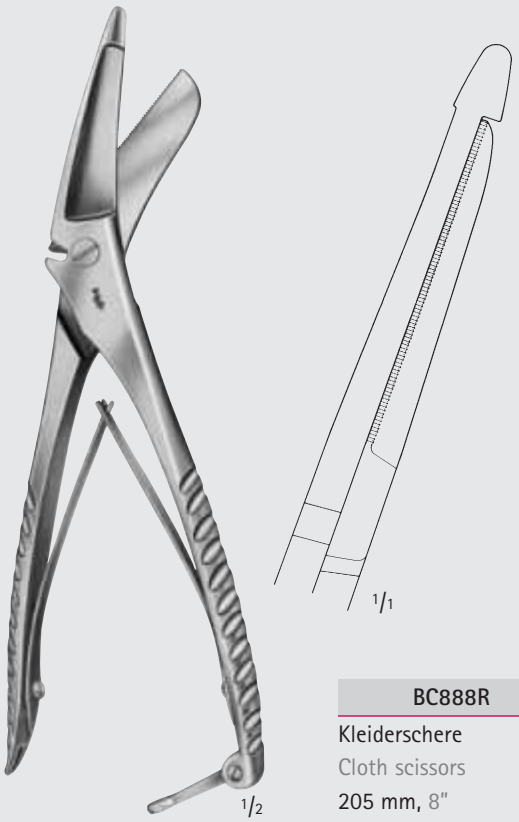
LISTER

BC848R–BC849R

Scheren – Scissors

Verbands-, Kleider- und Gipsscheren

Bandage-, Cloth- and Plaster Scissors



BC888R

Kleiderschere

Cloth scissors

205 mm, 8"

LX548R

für kleine Gipsverbände

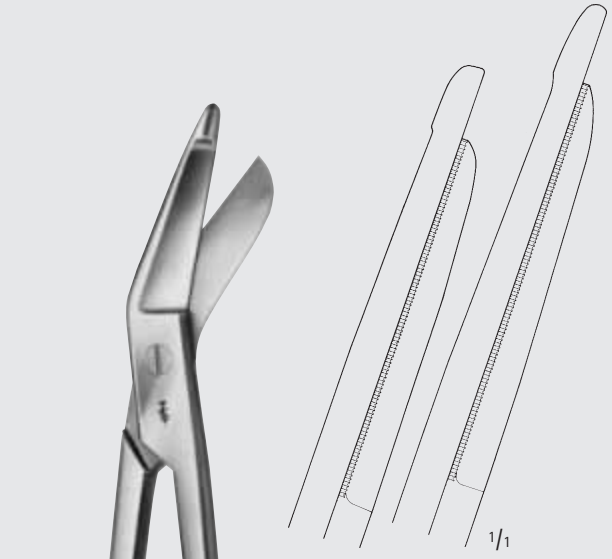
for small plaster dressings

160 mm, 6 1/4"

SEUTIN

LX565R

230 mm, 9"

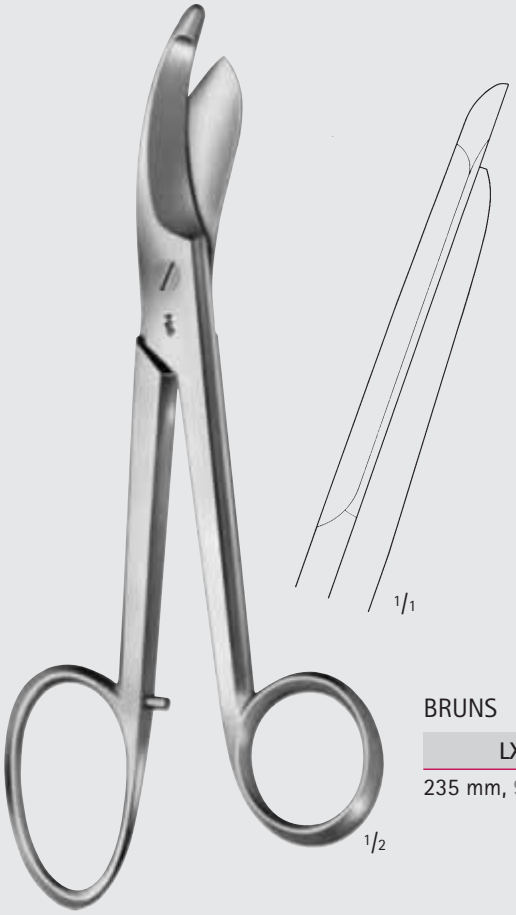


LX550R	LX552R
200 mm	230 mm
8"	9"

ESMARCH

LX550R–LX552R

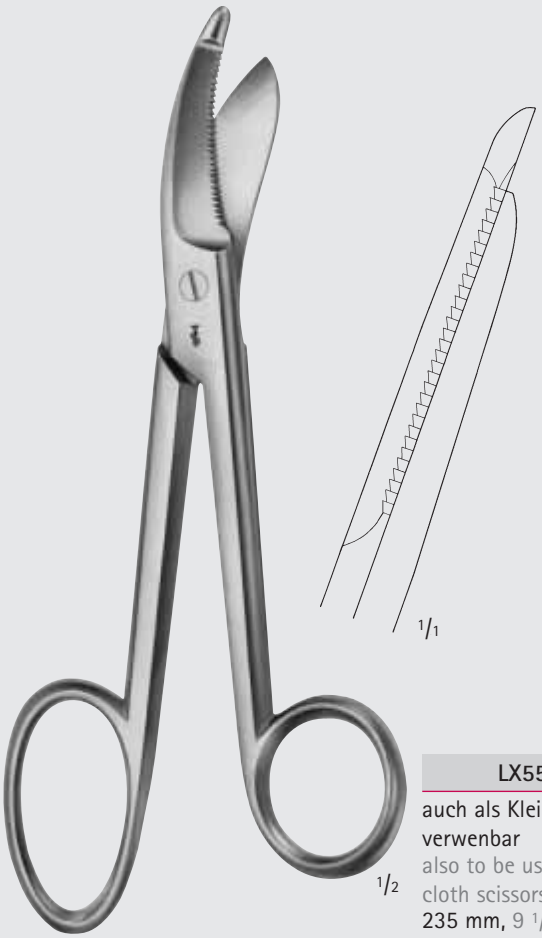
LX553R



BRUNS

LX556R

235 mm, 9 1/4"



LX558R

auch als Kleiderschere verwenbar

also to be used as cloth scissors

235 mm, 9 1/4"

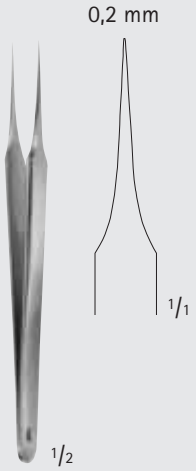
BD

Pinzetten
Dissecting- and Tissue Forceps

Pinzetten – Dissecting- and Tissue Forceps

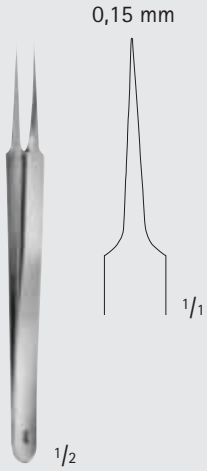
Mikro-Pinzetten, Uhrmacher Modelle

Micro Forceps, Jeweler Patterns



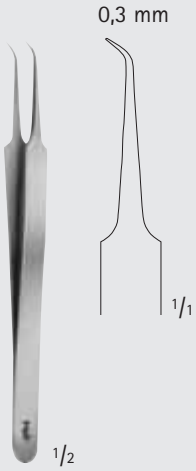
BD330R

110 mm, 4 3/8"



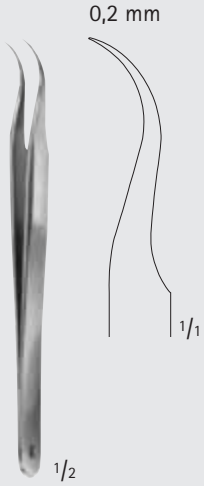
BD331R

110 mm, 4 3/8"



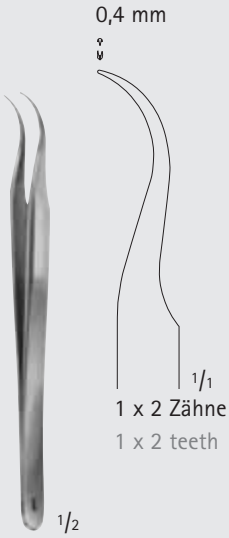
BD329R

110 mm, 4 3/8"



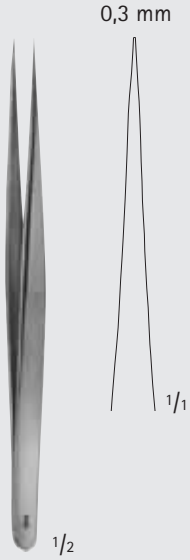
BD333R

115 mm, 4 1/2"



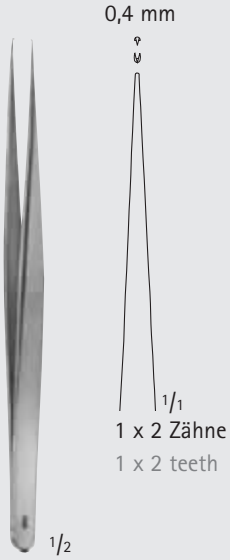
BD343R

115 mm, 4 1/2"



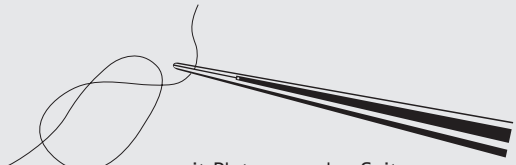
BD335R

135 mm, 5 1/4"



BD345R

135 mm, 5 1/4"



mit Plateau an den Spitzen
with plateau at the tips

0,2 mm

1/1

mit plateau
1 x 2 Zähne
with plateau
1 x 2 teeth

1/2

BONNER MODELL

BD505R

95 mm, 3 3/4"

0,3 mm

1/1

mit plateau
with plateau

1/2

BD338R

120 mm, 4 3/4"

0,3 mm

1/1

mit Plateau
with plateau

1/2

VISE

BD336R

135 mm, 5 1/4"

0,3 mm

1/1

mit Plateau
with plateau

1/2

VISE

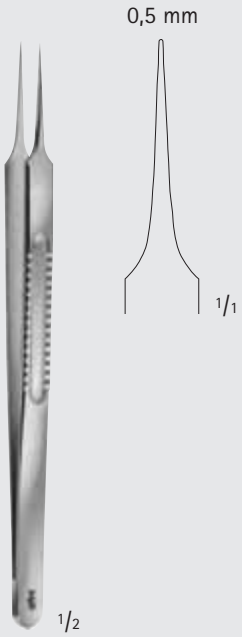
BD337R

135 mm, 5 1/4"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Knüpfpinzetten

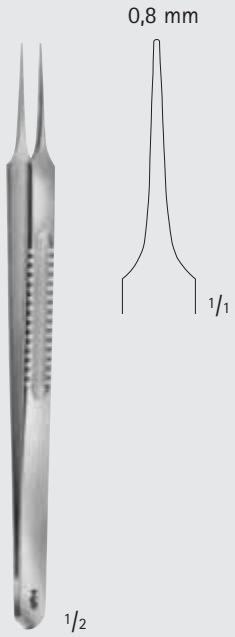
Mico Suture Tying Forceps



LAZAR

BD260R

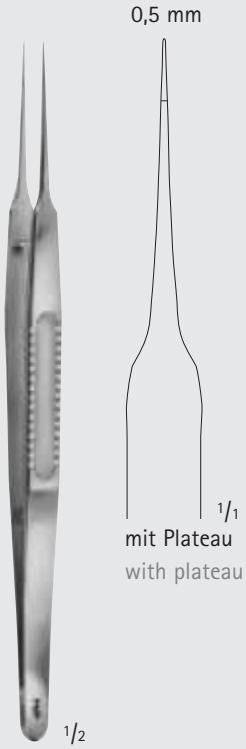
155 mm, 6"



LAZAR

BD261R

155 mm, 6"

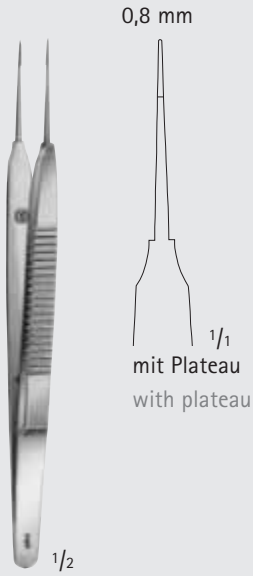


mit Plateau

with plateau

BD264R

185 mm, 7 1/4"



mit Plateau

with plateau

AUSTIN

BD340R

140 mm, 5 1/2"

Das MÜLLER Mikro-Instrumentarium
Ein neues, 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 Hand-
haltung 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.

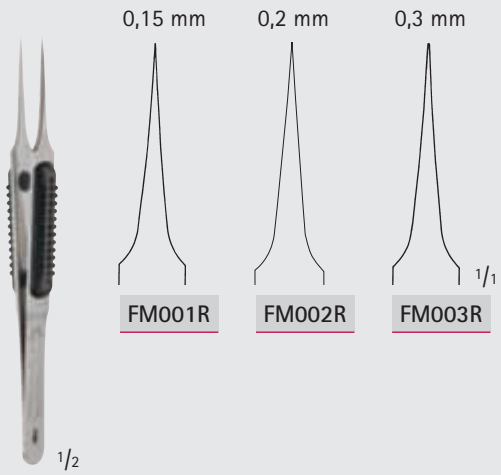
The MÜLLER Micro instrument system
A top quality set for peripheral microsurgery. Numerous details tried and tested in practice mean increased efficiency and safety.

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.

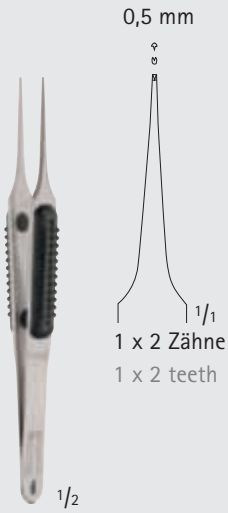
Safe grip
The easy grip studded profile guarantees a secure hold for all movements.

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



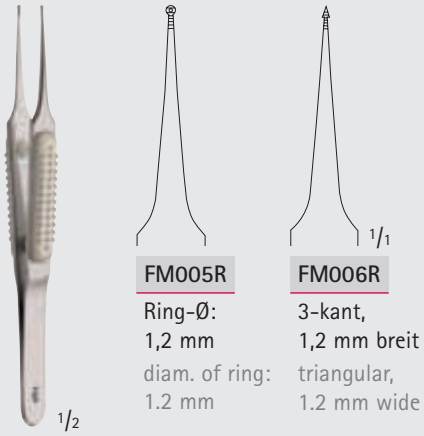
FM001R FM002R FM003R

MÜLLER
FM001R-FM003R
110 mm, 4 3/8"



1 x 2 Zähne
1 x 2 teeth

MÜLLER
FM004R
110 mm, 4 3/8"



FM005R
Ring-Ø: 1,2 mm
diam. of ring: 1.2 mm

FM006R
3-kant, 1,2 mm breit
triangular, 1.2 mm wide

MÜLLER
FM005R-FM006R
110 mm, 4 3/8"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit leichtem Kunststoffgriffprofil

Micro Forceps with Lightweight Plastic Handle

0,3 mm

FM033R

0,4 mm

1/1

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

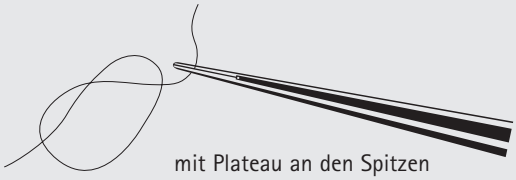
160 mm, 6 1/4"

... mit Rundgriffen

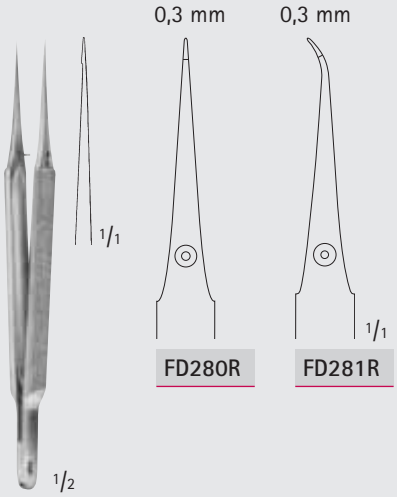
- Rundgriffe erlauben Drehbewegungen zwischen den Fingern.
- Optimale Balance, individuell je nach Instrument, durch volle oder gehöhlte Griffpartien.

... with round handles

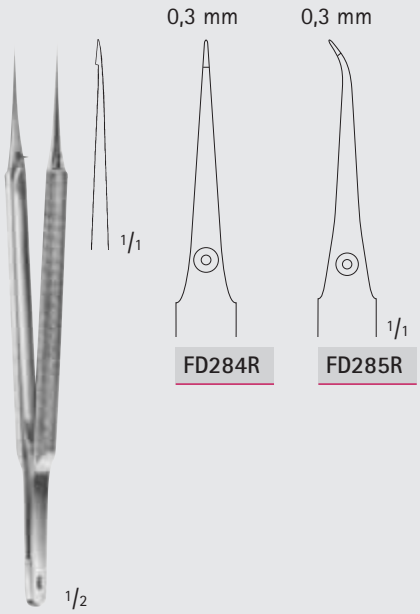
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.



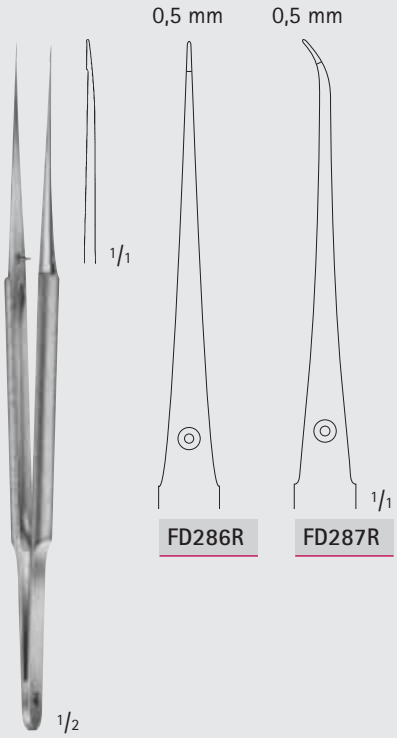
mit Plateau an den Spitzen
with plateau at the tips



FD280R–FD281R
120 mm, 4 3/4"



FD284R–FD285R
150 mm, 6"

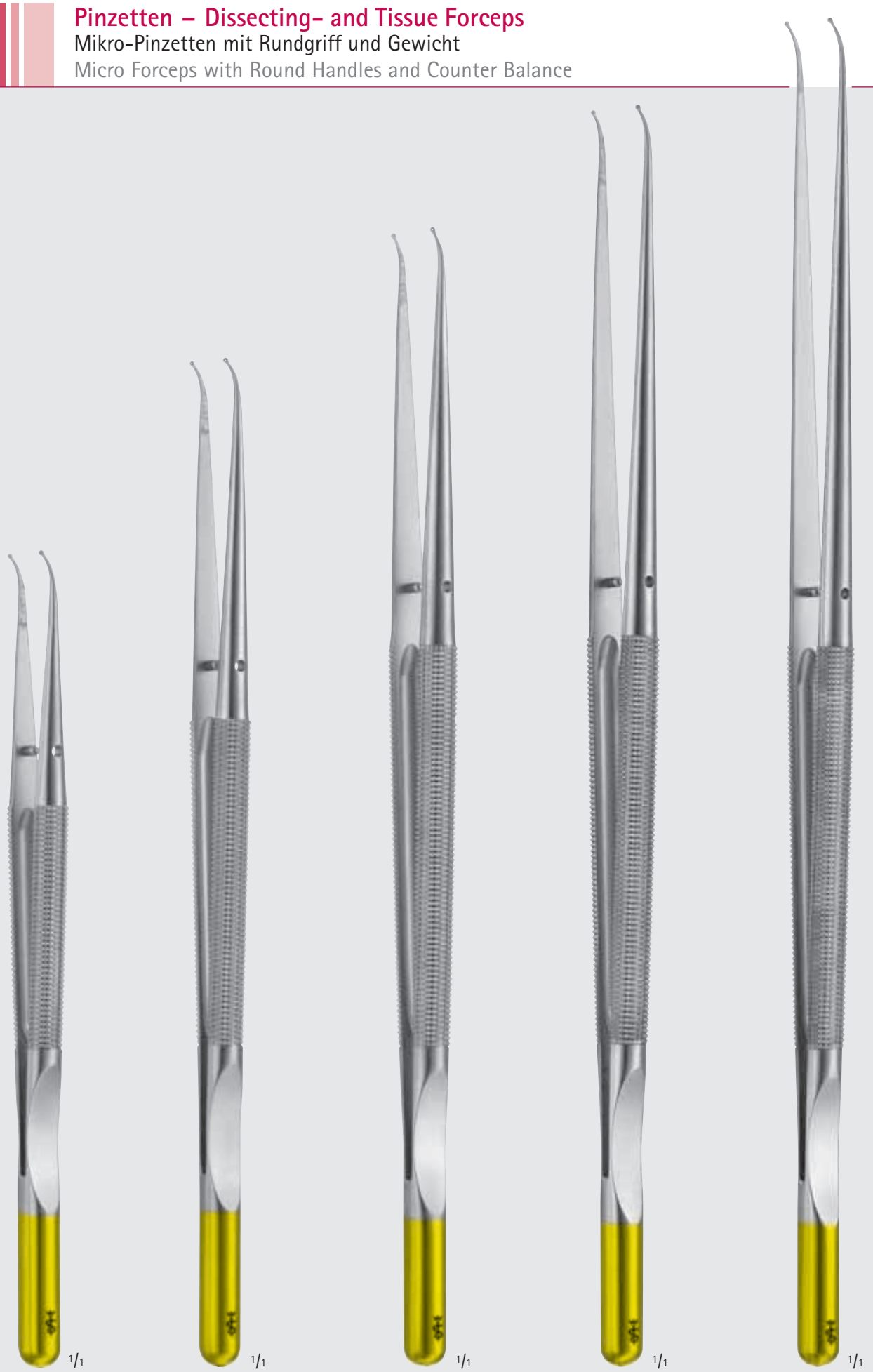


FD286R–FD287R
180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance



1/1
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"

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.)						1/1
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

1/1
185 mm, 7 1/4"

1/1
210 mm, 8 1/4"

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.)					1/1
185 mm 7 1/4"	FM597R	FM587R	FM582R	FM586R	FM590R
210 mm 8 1/4"	FM598R	FM589R	FM584R	FM588R	FM591R

Pinzetten – Dissecting- and Tissue Forceps

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

1/1
180 mm, 7"

1/1
200 mm, 8"

1/1
250 mm, 10"

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.)					1/1
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

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"

1/1

FM054R

Ring-Ø: 2,5 mm

diam. of ring: 2.5 mm

200 mm

8"

FM053R-FM054R

Rundgriff

round handle

DIADUST

1/1

mit Plateau

with platform tip

1/2

FD253R

Rundgriff

round handle

180 mm, 7"

1/1

1/2

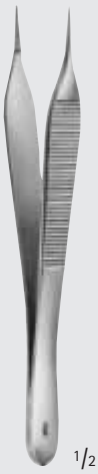
THORPE

OC069R

Hornhautpinzette

Corneal forceps

120 mm, 4 3/4"



1/1

mit Plateau

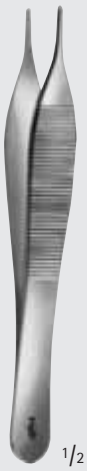
with plateau

1/2

MICRO-ADSON

BD220R

120 mm, 4 3/4"



1/1

1/2

ADSON

BD222R

120 mm, 4 3/4"

1/2

HUDSON

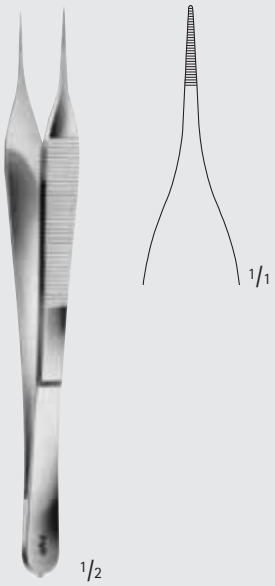
BD225R

125 mm, 5"

Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten

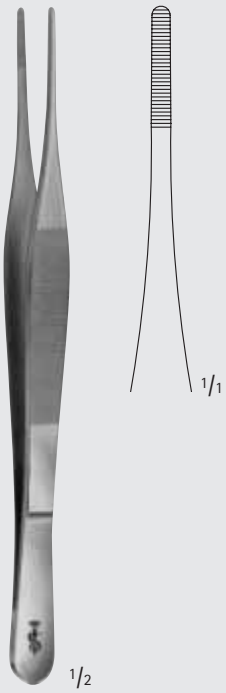
Delicate Dissecting Forceps



MICRO-ADSON

BD223R

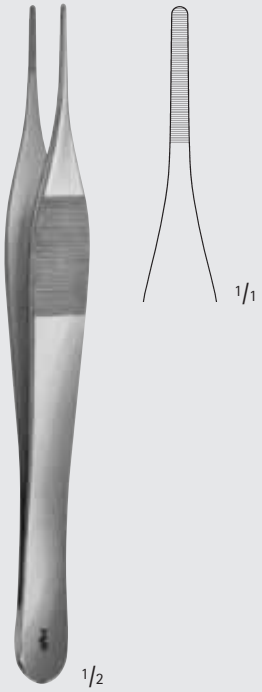
150 mm, 6"



ADSON

BD224R

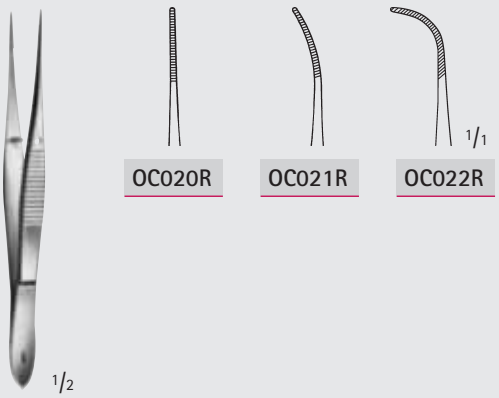
180 mm, 7"



JEFFERSON

BD226R

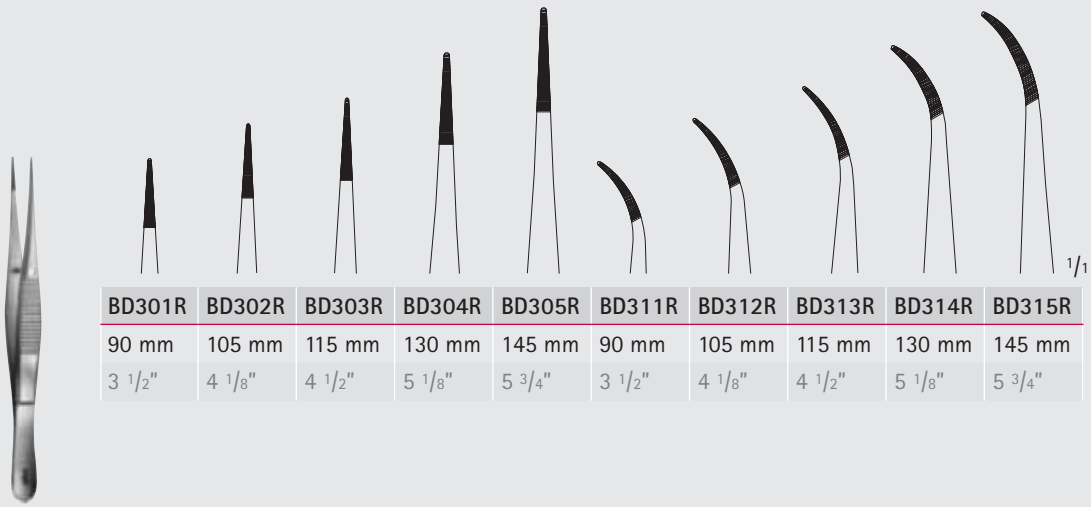
180 mm, 7"



OC020R **OC021R** **OC022R**

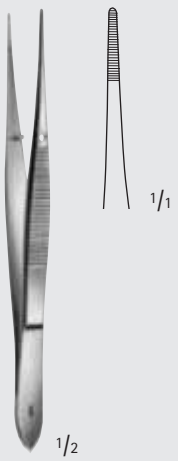
OC020R-OC022R

100 mm, 4"



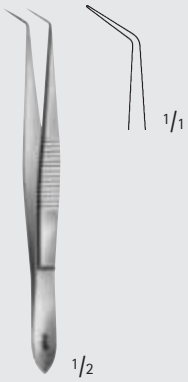
BD301R	BD302R	BD303R	BD304R	BD305R	BD311R	BD312R	BD313R	BD314R	BD315R
90 mm	105 mm	115 mm	130 mm	145 mm	90 mm	105 mm	115 mm	130 mm	145 mm
3 1/2"	4 1/8"	4 1/2"	5 1/8"	5 3/4"	3 1/2"	4 1/8"	4 1/2"	5 1/8"	5 3/4"

BD301R–BD315R



BD210R
115 mm, 4 1/2"

BD320R
100 mm, 4"



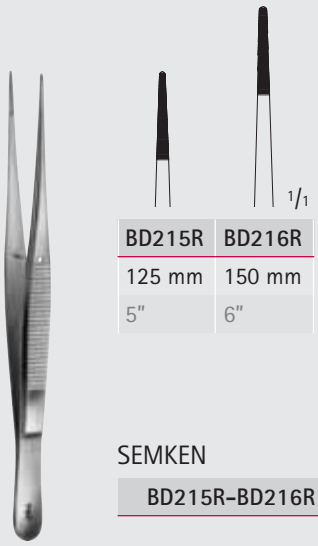
BD321R
100 mm, 4"

BD322R
100 mm, 4"

Pinzetten – Dissecting- and Tissue Forceps

Feine anatomische Pinzetten

Delicate Dissecting Forceps



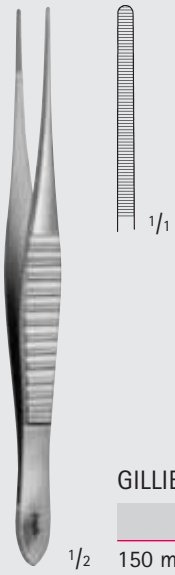
BD215R	BD216R
125 mm	150 mm
5"	6"

SEMKEN

BD215R–BD216R

BD217R

155 mm, 6"



GILLIES

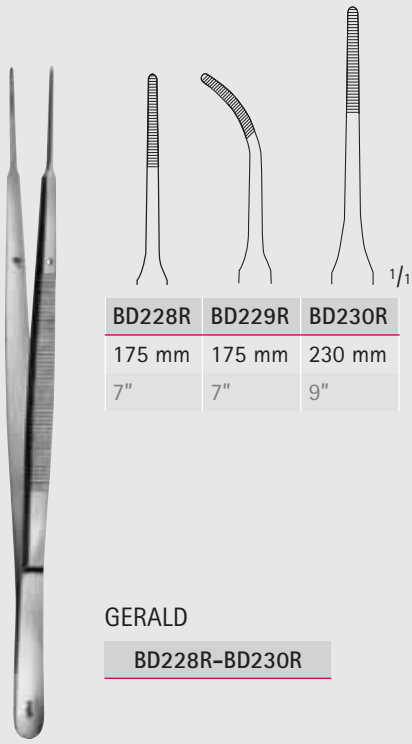
BD213R

150 mm, 6"

MC INDOE

BD236R

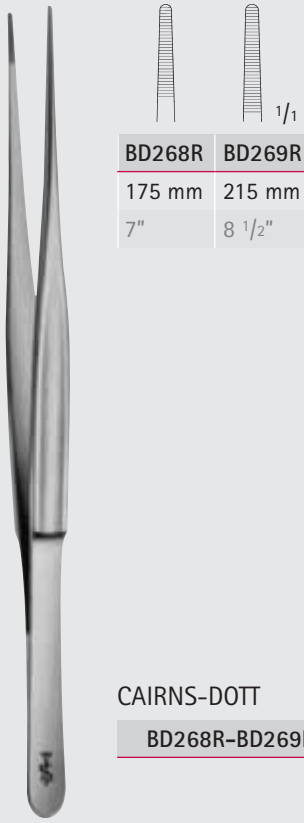
150 mm, 6"



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

GERALD

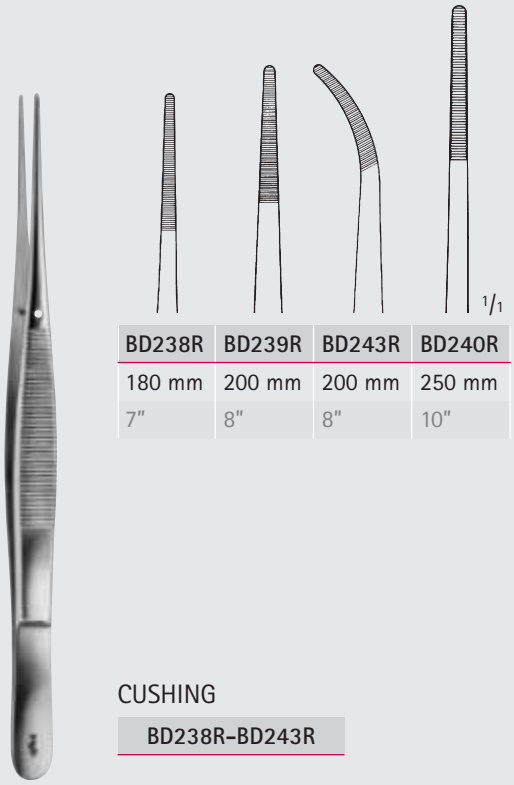
BD228R–BD230R



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

CAIRNS-DOTT

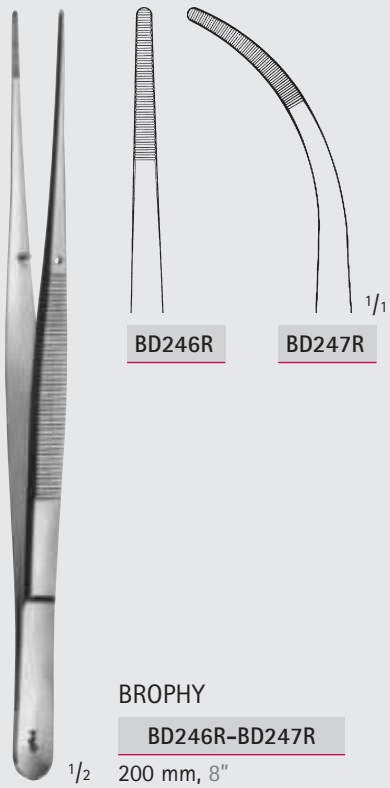
BD268R–BD269R



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

CUSHING

BD238R–BD243R

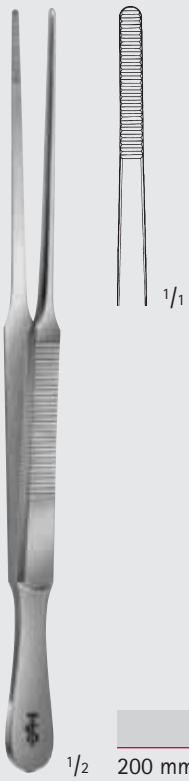


BD246R **BD247R**

BROPHY

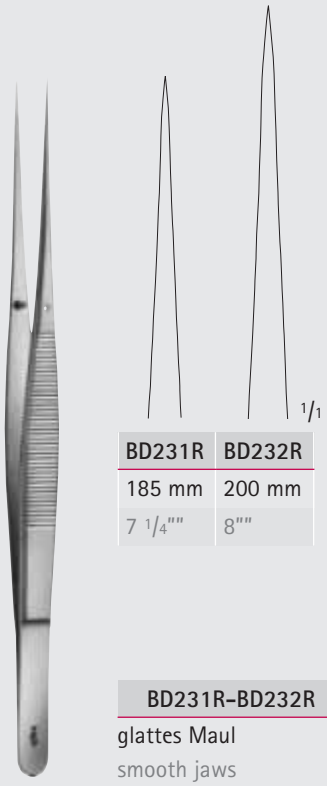
BD246R–BD247R

200 mm, 8"



BD081R

200 mm, 8"



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

BD231R–BD232R

glattes Maul

smooth jaws

COOLEY

BD250R

200 mm, 8"

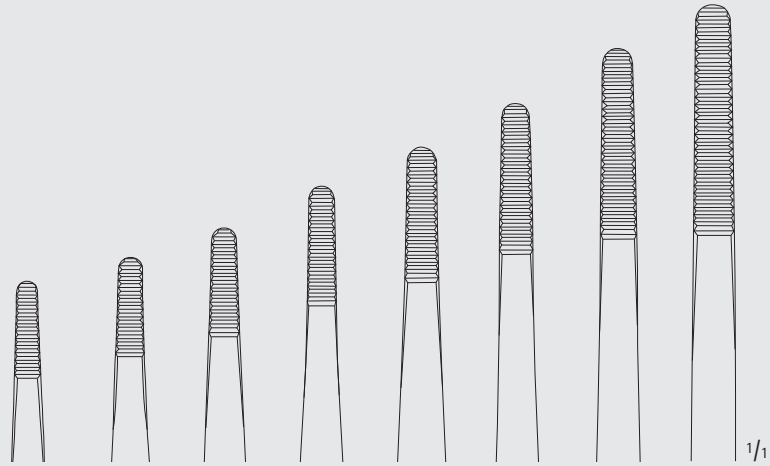
BD257R

200 mm, 8"

Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten

Dissecting Forceps

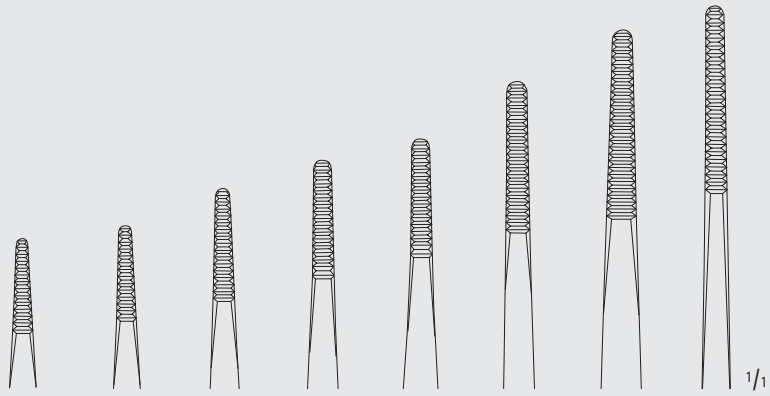


BD043R	BD045R	BD047R	BD049R	BD050R	BD051R	BD052R	BD053R
115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm
4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD043R–BD053R

Standard-Modelle

Standard patterns

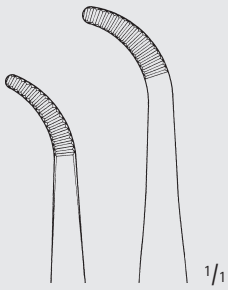


BD023R	BD025R	BD027R	BD029R	BD030R	BD031R	BD032R	BD033R
115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	305 mm
4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD023R–BD033R

mittelbreit

medium

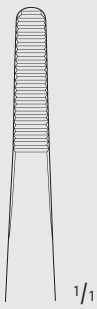


BD035R	BD037R
130 mm	145 mm
5 1/8"	5 3/4"

BD035R–BD037R

mittelbreit

medium



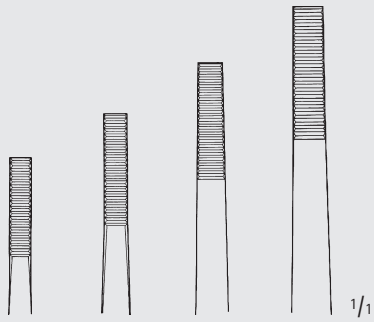
1/2

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"

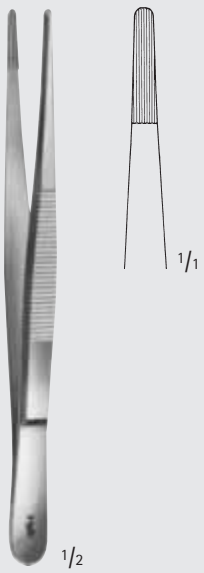
SCHWEDISCHES MODELL

BD065R–BD069R

Pinzetten – Dissecting- and Tissue Forceps

Anatomische Pinzetten

Dissecting Forceps



OCHSNER

BD130R

Fadenpinzette

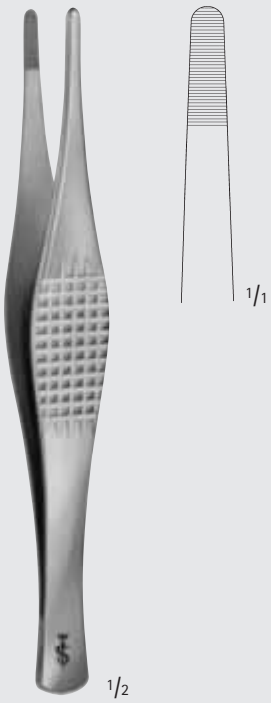
Ligature forceps

145 mm, 5 3/4"

BONNEY

BD078R

175 mm, 7"



RAMSEY

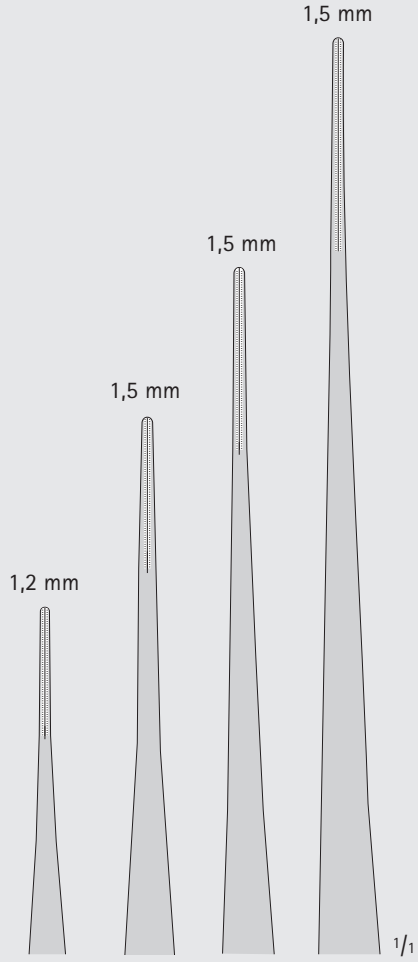
BD083R

180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Ultra-Light-Pinzetten

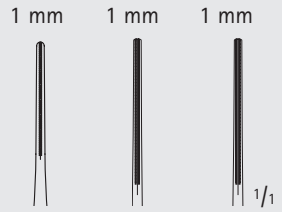
Ultra-Light-Forceps



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

DE BAKEY

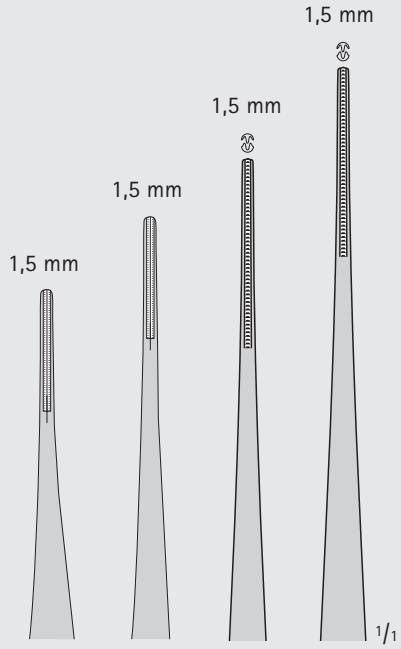
FC411R–FC418R



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

DE BAKEY

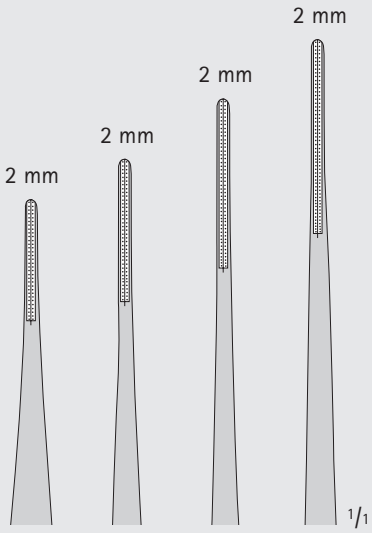
FB394R–FB396R



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

DE BAKEY

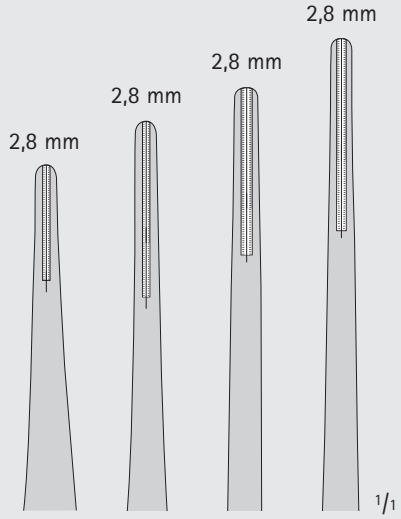
FB411R–FB419R



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

DE BAKEY

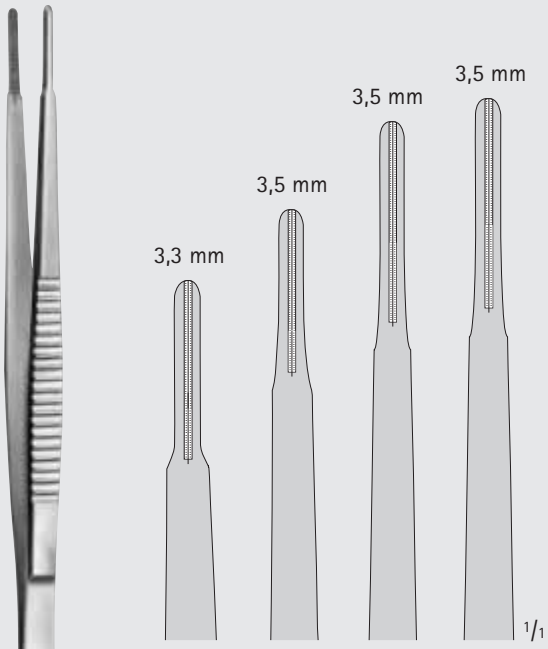
FB400R–FB405R



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

DE BAKEY

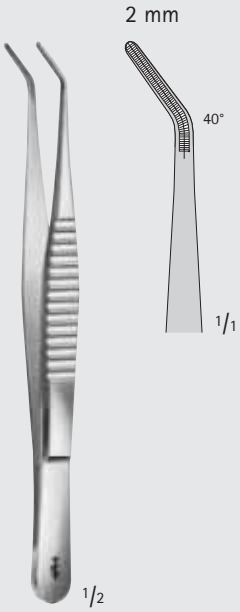
FB414R–FB417R



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

DE BAKEY

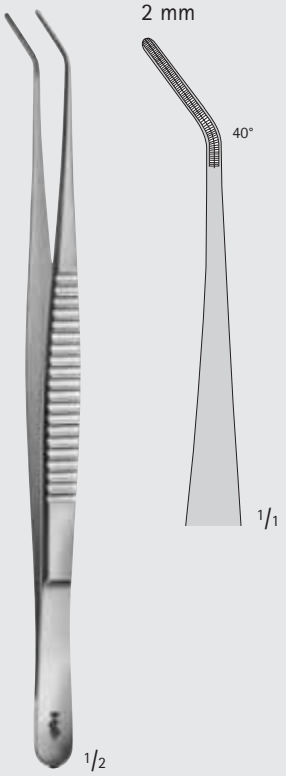
FB406R–FB409R



DE BAKEY

FB401R

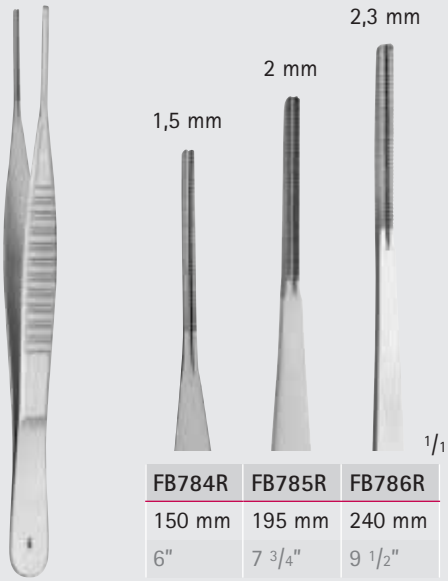
150 mm, 6"



DE BAKEY

FB403R

200 mm, 8"



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

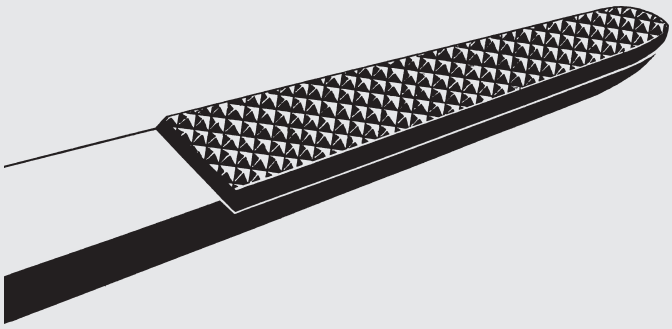
COOLEY

FB784R–FB786R

Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Atraumatische Pinzetten

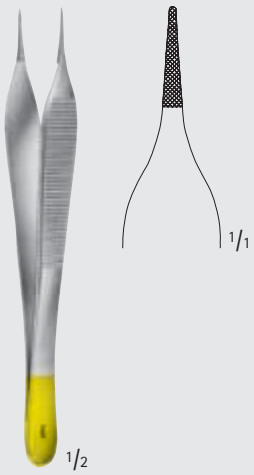
DUROGRIP® Non-traumatic Dissecting Forceps



- 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

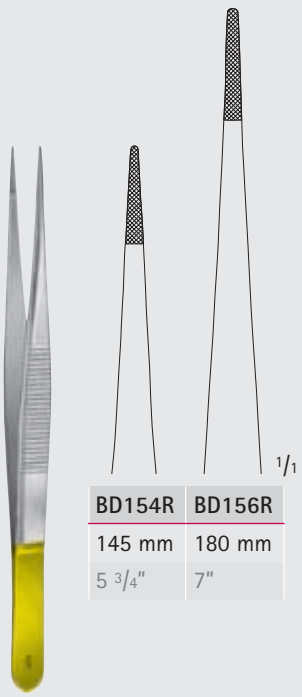
DUROGRIP®-Dissecting Forceps with carbide inserts
Identification: gold-plated end



ADSON

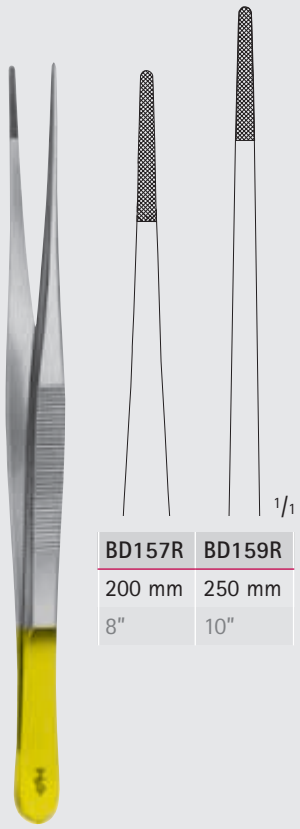
BD151R

120 mm, 4 3/4"



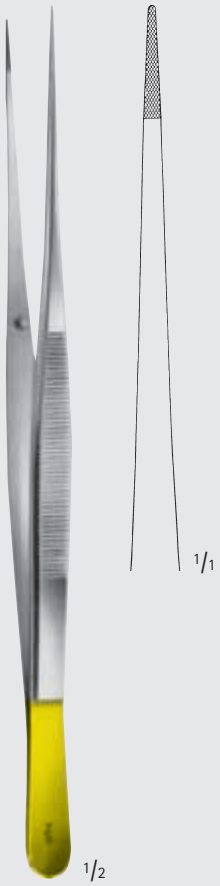
BD154R	BD156R
145 mm	180 mm
5 3/4"	7"

BD154R-BD156R



BD157R	BD159R
200 mm	250 mm
8"	10"

BD157R-BD159R



BD158R

230 mm, 9"

1/1

Besonders sicheres und schonendes Fassen des Fadens durch kissen-förmige Maulform

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

1/2

BD180R

Nahtpinzette

Suture forceps

200 mm, 8"

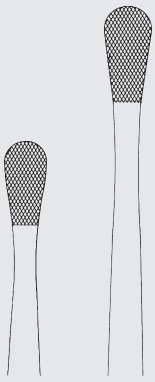
1/1

1/2

FERRIS-SMITH

BD181R

175 mm, 7"



1/1

BD171R	BD173R
150 mm	230 mm
6"	9"

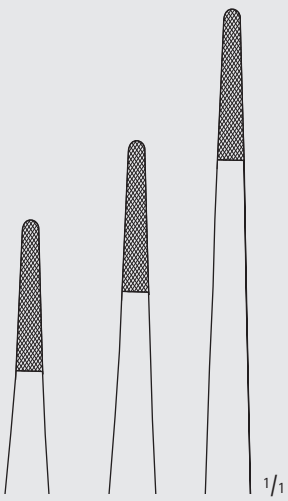
WANGENSTEEN

BD171R-BD173R

Pinzetten – Dissecting- and Tissue Forceps

DUROGRIP® Pinzetten

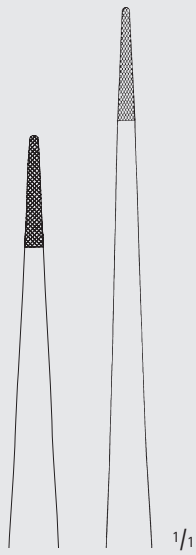
DUROGRIP® Dissecting Forceps



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

STANDARD

BD164R-BD166R



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

CUSHING

BD160R-BD198R

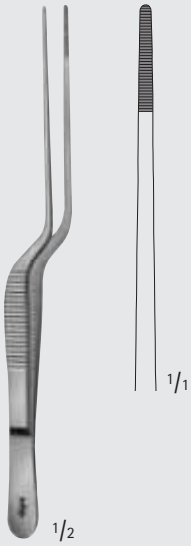
mit Schaber

with scraper end

GRUENWALD

BD168R

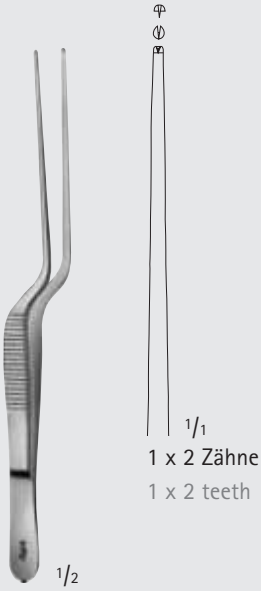
185 mm, 7 1/4"



LUCAE

BD878R

140 mm, 5 1/2"



1 x 2 Zähne
1 x 2 teeth

LUCAE

BD879R

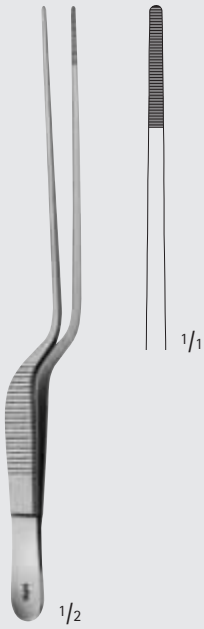
140 mm, 5 1/2"

gezahnt
und gerieft
toothed
and serrated

COTTLE

OL011R

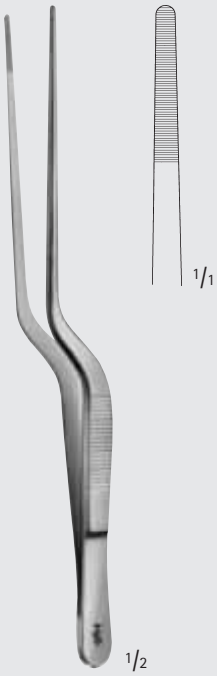
Fixierpinzette
Forceps
140 mm, 5 1/2"



JANSEN

BD880R

160 mm, 6 1/4"



ADSON

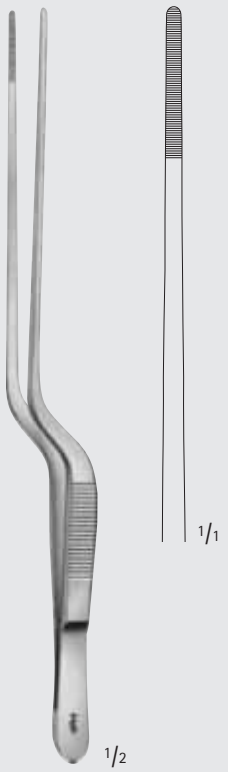
BD870R

175 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Pinzetten, bajonettförmig gebogen

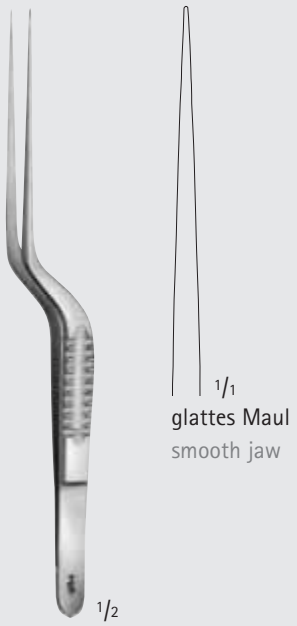
Forceps, Bayonet-Shaped



GRUENWALD

BD883R

200 mm, 8"

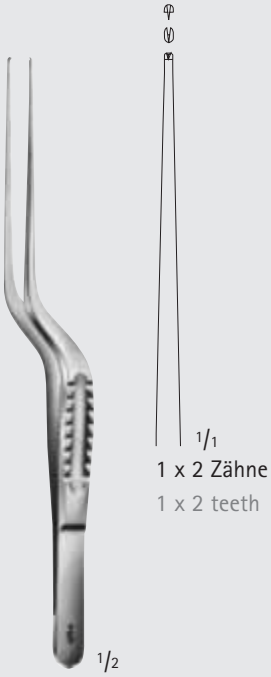


glattes Maul

smooth jaw

BD887R

160 mm, 6 1/4"



1 x 2 Zähne

1 x 2 teeth

BD888R

160 mm, 6 1/4"

glattes Maul

smooth jaw

BD885R

185 mm, 7 1/4"

1 x 2 Zähne

1 x 2 teeth

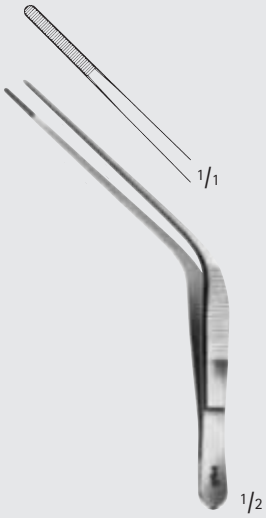
BD886R

200 mm, 8"

TROELTSCH

BD900R

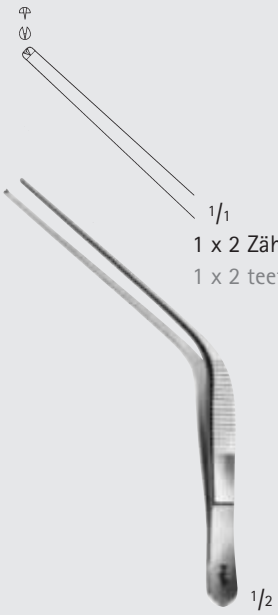
100 mm, 4"



TROELTSCH

BD902R

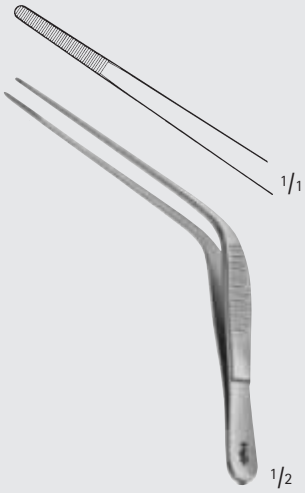
115 mm, 4 1/2"



TROELTSCH

BD903R

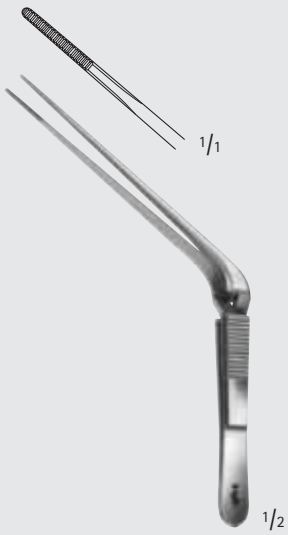
115 mm, 4 1/2"



WILDE

BD904R

115 mm, 4 1/2"



TROELTSCH

BD905R

selbstschließend

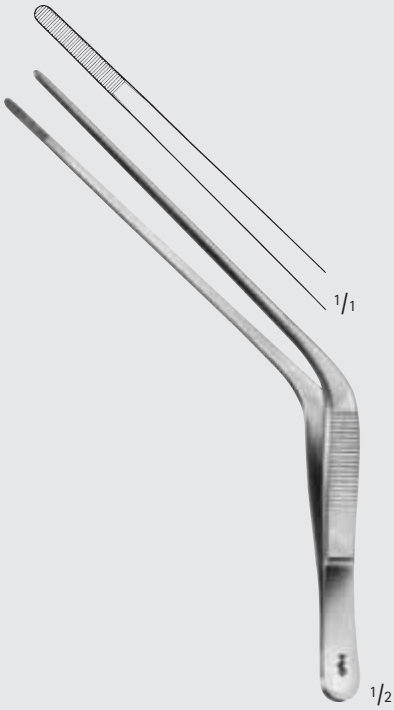
cross action

120 mm, 4 3/4"

TROELTSCH

BD910R

140 mm, 5 1/2"



TROELTSCH

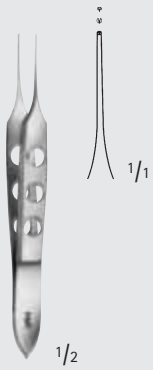
BD911R

170 mm, 6 3/4"

Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten

Delicate Tissue Forceps



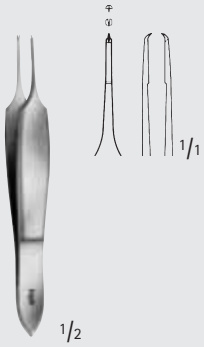
BISHOP-HARMON

OC051R

Augenpinzette

Eye forceps

85 mm, 3 1/2"



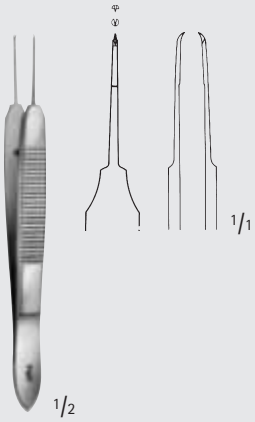
ST. MARTIN

OC091R

Augenpinzette

Eye forceps

80 mm, 3 1/8"



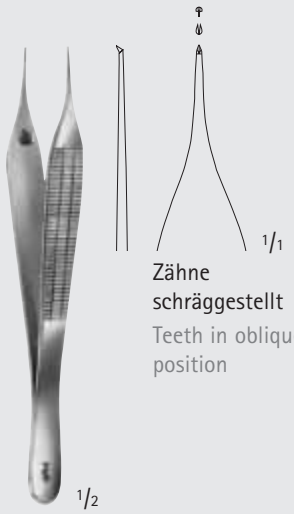
CASTROVIEJO

OC094R

Augenpinzette

Eye forceps

100 mm, 4"



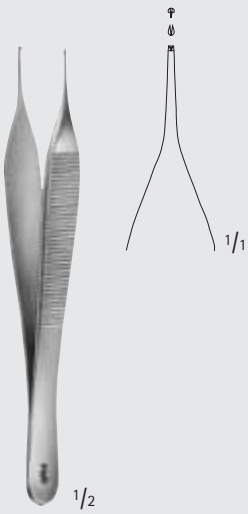
Zähne schräggestellt

Teeth in oblique position

MICRO-ADSON-BIEMER

BD509R

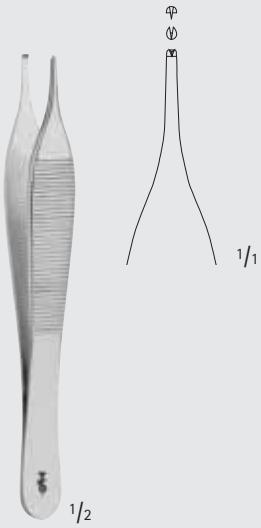
120 mm, 4 3/4"



MICRO-ADSON

BD510R

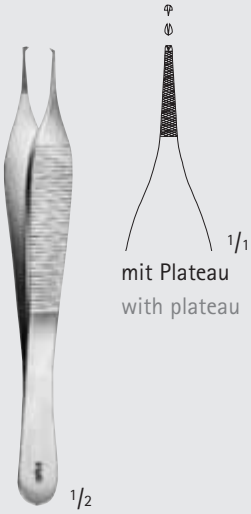
120 mm, 4 3/4"



ADSON

BD511R

120 mm, 4 3/4"



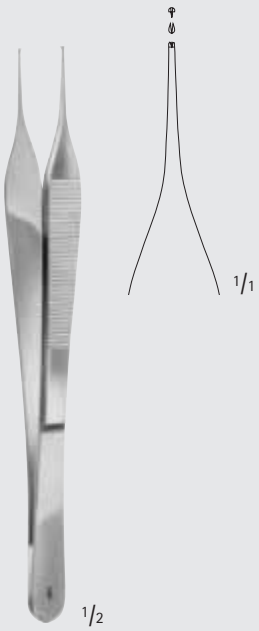
mit Plateau

with plateau

ADSON

BD512R

120 mm, 4 3/4"



MICRO-ADSON

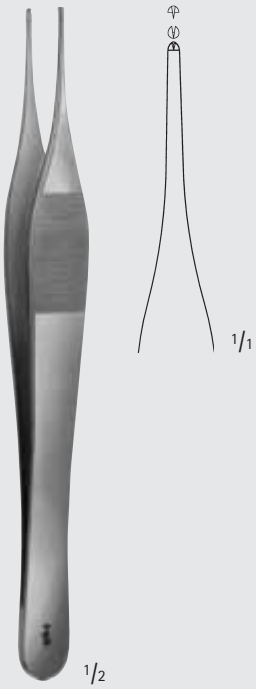
BD520R

150 mm, 6"

ADSON

BD522R

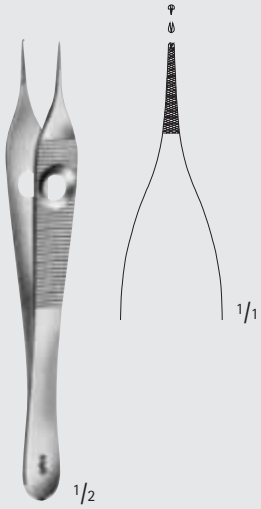
180 mm, 7"



JEFFERSON

BD523R

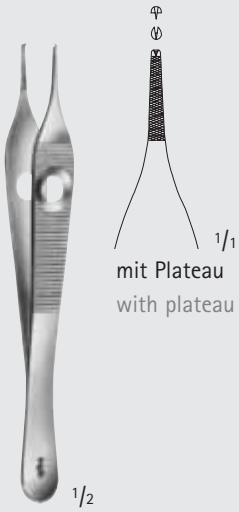
180 mm, 7"



ADSON

BD508R

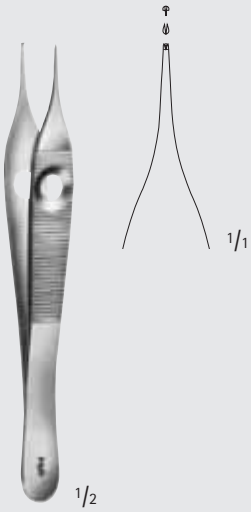
120 mm, 4 3/4"



ADSON

BD513R

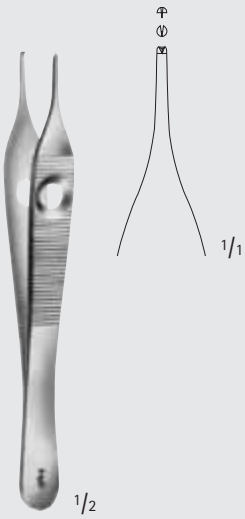
120 mm, 4 3/4"



ADSON

BD506R

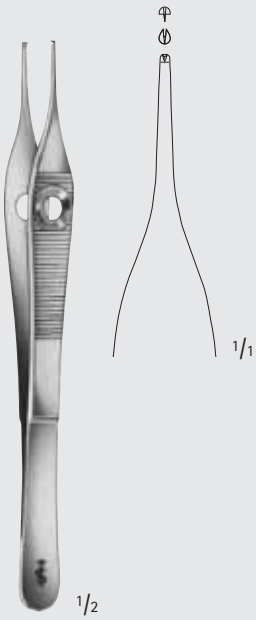
120 mm, 4 3/4"



ADSON

BD507R

120 mm, 4 3/4"



ADSON

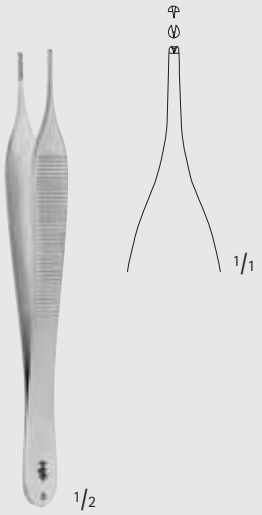
BD521R

150 mm, 6"

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

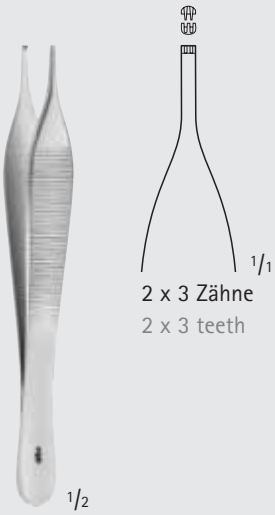
Tissue Forceps



HUDSON

MB291R

125 mm, 4 7/8"



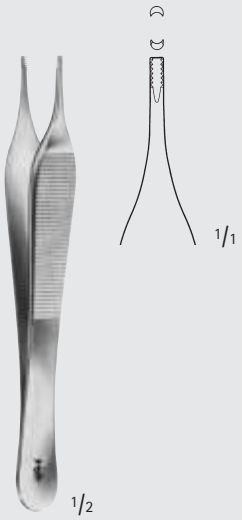
2 x 3 Zähne

2 x 3 teeth

ADSON

MB454R

120 mm, 4 3/4""



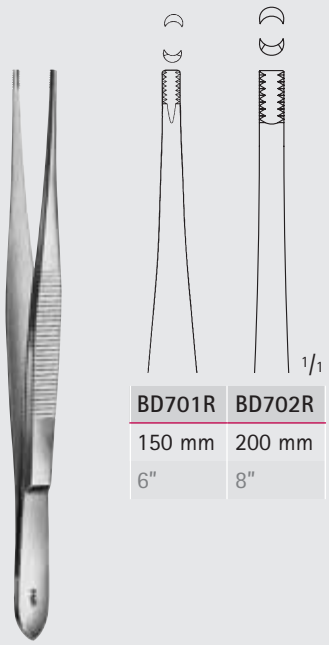
ADSON-BROWN

BD700R

Hautpinzette, scharf

Tissue forceps, sharp

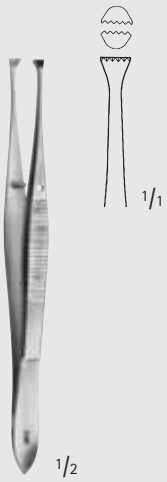
120 mm, 4 3/4"



BD701R	BD702R
150 mm	200 mm
6"	8"

BROWN

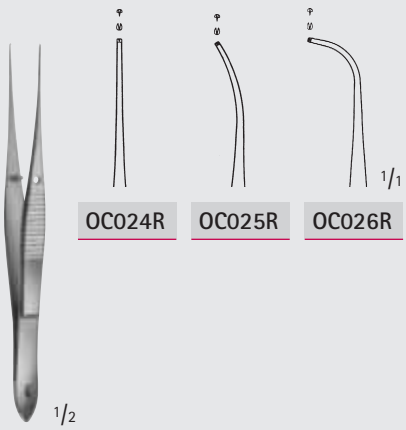
BD701R-BD702R



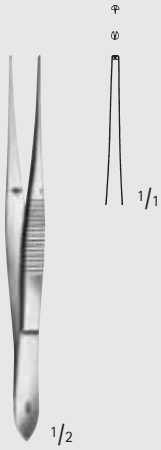
GRAEFFE

OC100R

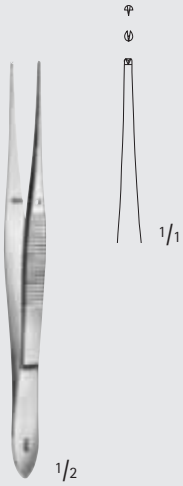
110 mm, 4 1/2"



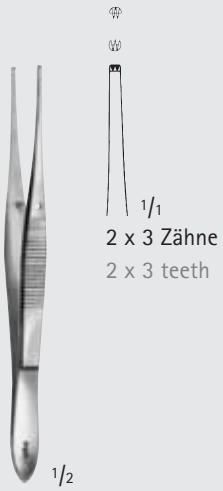
OC024R–OC026R
sehr fein
very delicate
100 mm, 4"



BD500R
100 mm, 4"



BD501R
110 mm, 4 3/8"



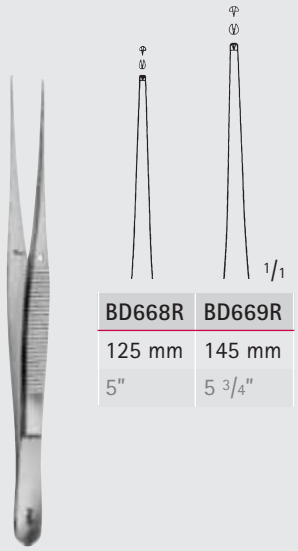
2 x 3 Zähne
2 x 3 teeth

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

Pinzetten – Dissecting- and Tissue Forceps

Feine chirurgische Pinzetten

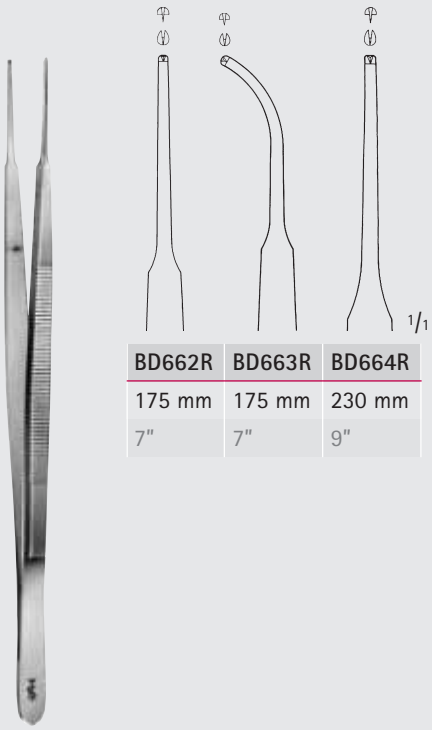
Delicate Tissue Forceps

GILLIES

BD660R
155 mm, 6"

MC INDOE

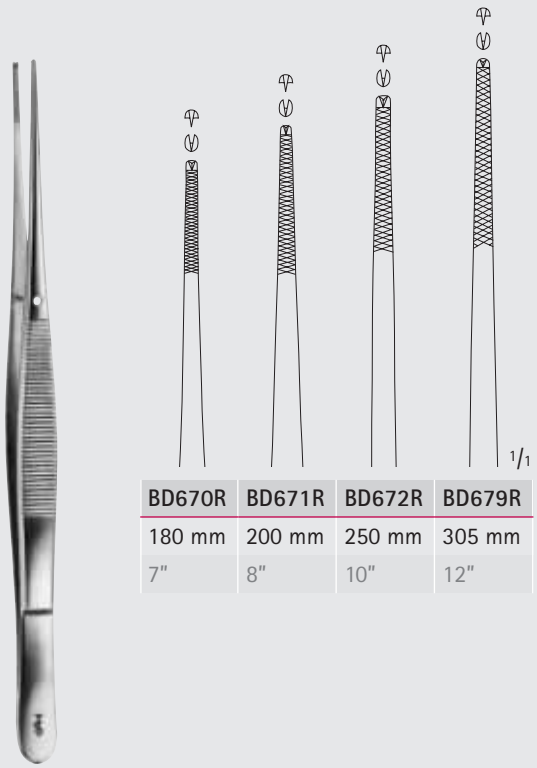
BD661R
150 mm, 6"



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

GERALD

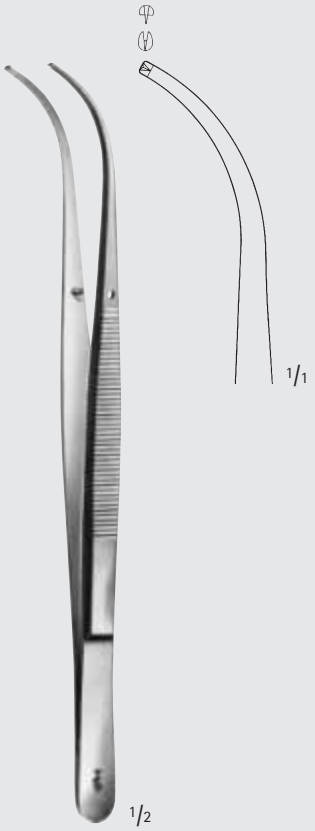
BD662R–BD664R



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

WAUGH

BD670R–BD679R



BROPHY

BD678R

200 mm, 8"

BD651R

200 mm, 8"

CUSHING

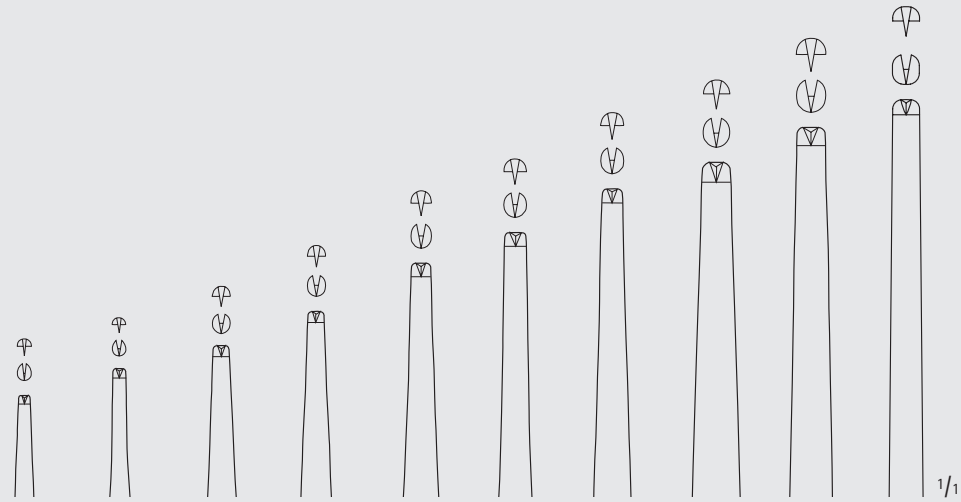
MD463

180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps

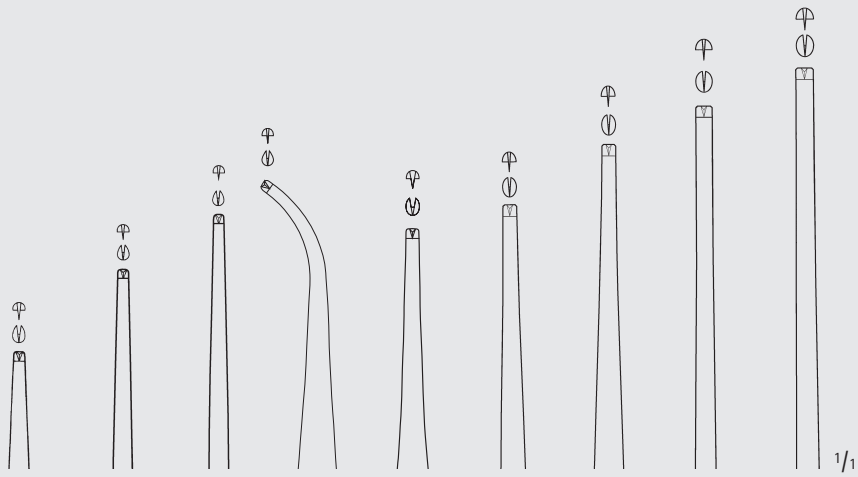


BD552R	BD553R	BD555R	BD557R	BD559R	BD560R	BD561R	BD562R	BD563R	BD564R
105 mm	115 mm	130 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm	350 mm
4 1/8"	4 1/2"	5 1/8"	5 3/4"	6 1/4"	7"	8"	10"	12"	14"

BD552R–BD564R

Standard-Modelle

Standard patterns

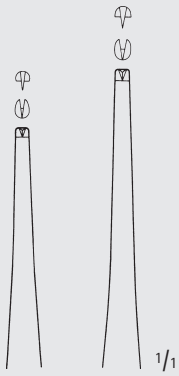


BD533R	BD535R	BD537R	BD527R	BD539R	BD540R	BD541R	BD542R	BD543R
115 mm	130 mm	145 mm	145 mm	160 mm	180 mm	200 mm	250 mm	300 mm
4 1/2"	5 1/8"	5 3/4"	5 3/4"	6 1/4"	7"	8"	10"	12"

BD527R–BD543R

mittelbreit

medium



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

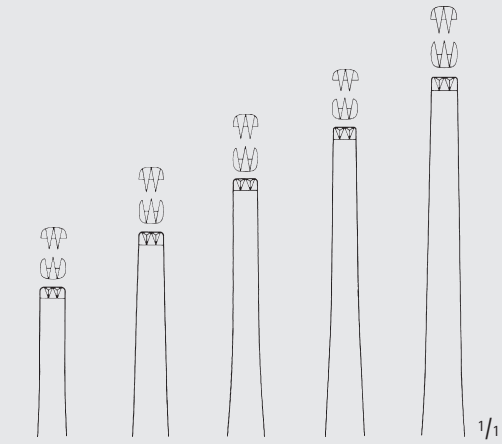
BD547R–BD549R

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

1/2

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"

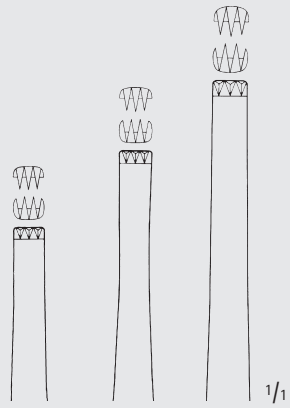
BD575R–BD581R

2 x 3 Zähne
2 x 3 teeth

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

Tissue Forceps



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

4 x 5 Zähne

4 x 5 teeth

1/2

BD597R

145 mm, 5 3/4"

4 x 5 Zähne

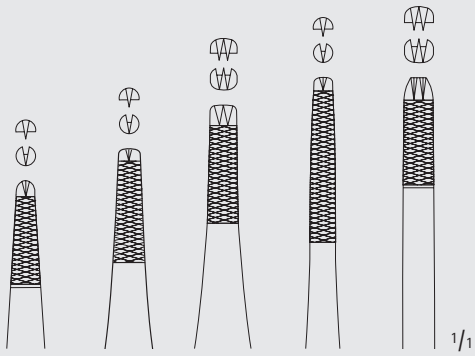
4 x 5 teeth

1/2

OFFICER

BD598R

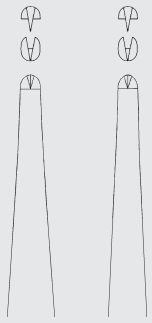
150 mm, 6"



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 Zähne
		2 x 3 teeth		2 x 3 teeth

LANE

BD602R–BD607R



BD608R	BD609R
125 mm	150 mm
8"	6"

TREVES

BD608R–BD609R

BONNEY

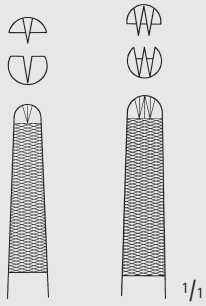
BD693R

175 mm, 7"

JACKSON-BURROWS

BD704R

140 mm, 5 1/2"



BD610R	BD611R
	3 x 4 Zähne 3 x 4 teeth

RAMSEY

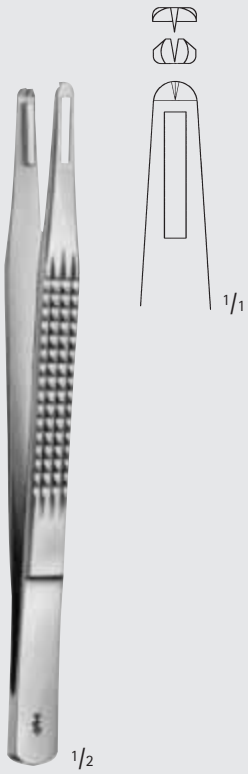
BD610R–BD611R

180 mm, 7"

Pinzetten – Dissecting- and Tissue Forceps

Chirurgische Pinzetten

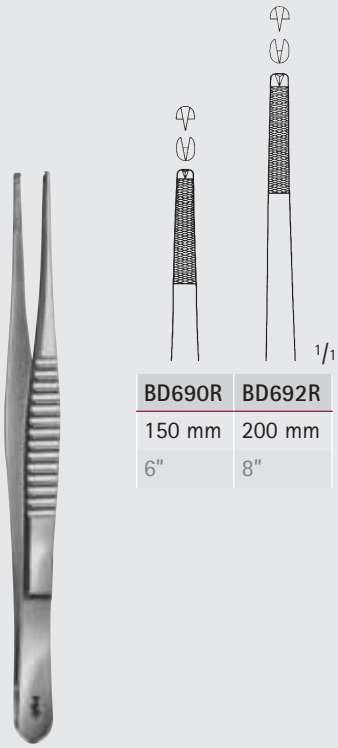
Tissue Forceps



CHARNLEY

BD705R

180 mm, 7"



BD690R	BD692R
150 mm	200 mm
6"	8"

STRASSBURGER MODELL

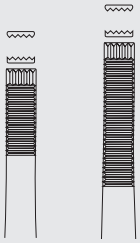
BD690R-BD692R

BD185R

Nahtpinzette

Suture forceps

300 mm, 12"



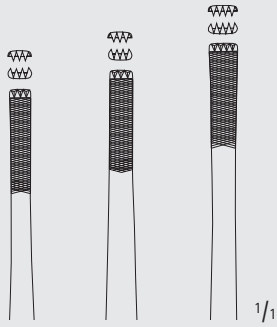
BD735R	BD736R
150 mm	200 mm
6"	8"
4 x 5 Zähne	4 x 5 Zähne
4 x 5 teeth	4 x 5 teeth

ADLERKREUTZ

BD735R-BD736R

Gefäß- und Tumorpinzette

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 Tumorpinzetten

Vascular- and tumor forceps

1/2

RUSS. MODELL

BD755R

150 mm, 6"

1/2

RUSS. MODELL

BD760R

200 mm, 8"

1/2

SELMAN

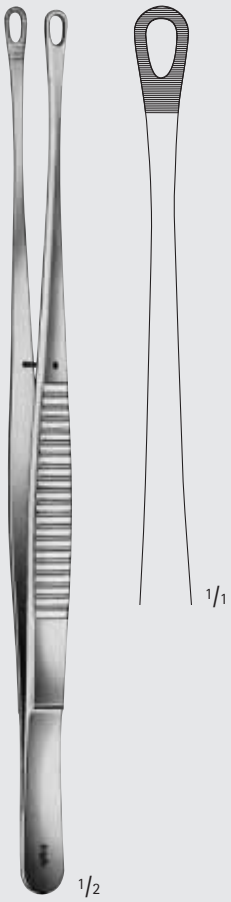
BD750R

155 mm, 6"

Pinzetten – Dissecting- and Tissue Forceps

Lungenfasspinzetten, Darmpinzetten

Lung Grasping Dissecting Forceps, Intestinal Forceps



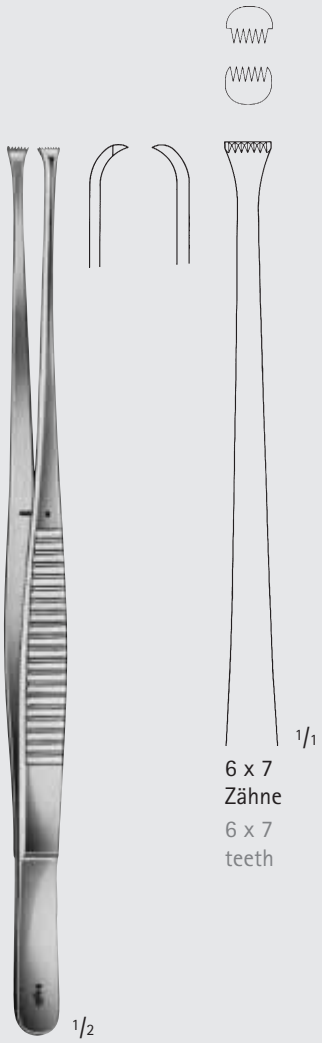
TUTTLE

BD801R

Lungenfasspinzette

Lung grasping forceps

230 mm, 9"



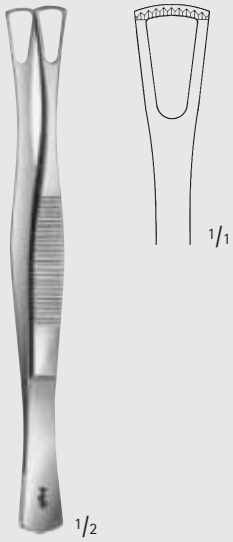
NELSON

BD802R

Lungenfasspinzette

Lung grasping forceps

230 mm, 9"



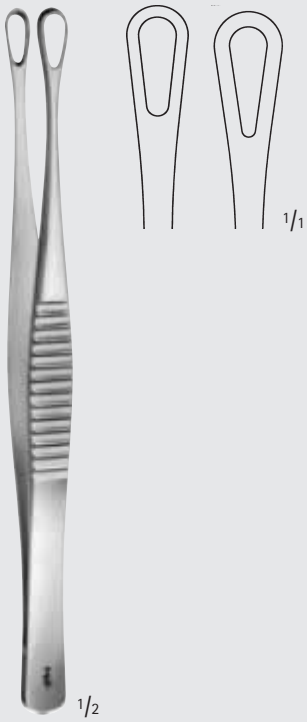
DUVAL

BD820R

Darmpinzette

Intestinal forceps

140 mm, 5 1/2"



DENIS- BROWNE

EA027R

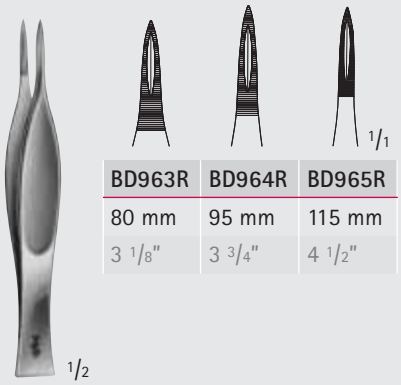
Darmpinzette

Intestinal forceps

190 mm, 7 1/2"

BD952R

Splitterpinzette
Splinter forceps
80 mm, 3 1/8"

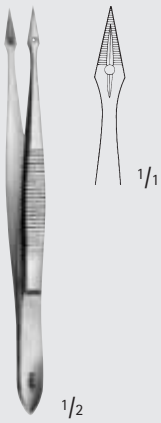


BD963R	BD964R	BD965R
80 mm	95 mm	115 mm
3 1/8"	3 3/4"	4 1/2"

FEILCHENFELD

BD963R–BD965R

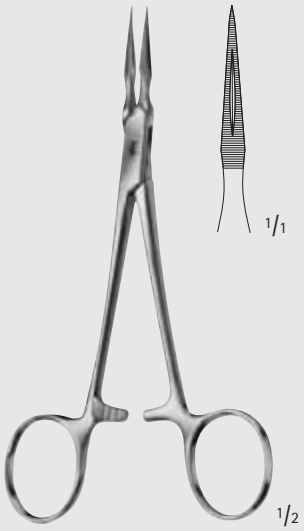
Splitterpinzetten
Splinter forceps



HUNTER

BD980R

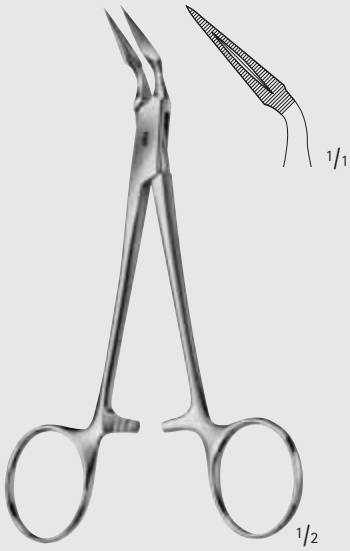
Splitterpinzette
Splinter forceps
105 mm, 4 1/8"



STIEGLITZ

BD992R

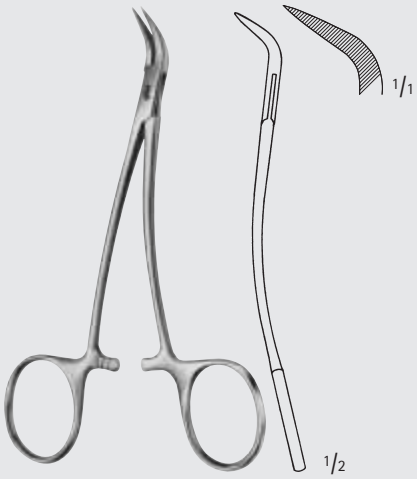
Splitterzange
Splinter forceps
140 mm, 5 1/2"



STIEGLITZ

BD993R

Splitterzange
Splinter forceps
140 mm, 5 1/2"



PEET

BD995R

Splitterzange
Splinter forceps
120 mm, 4 3/4"

BF

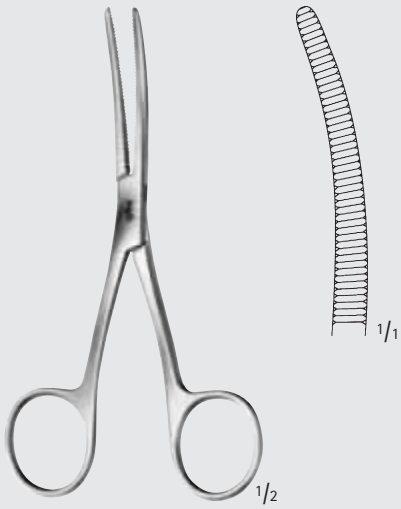
Korn- und Tupferzangen, Waschzangen, Tuchklemmen

Sponge- and Dressing-Forceps, Washing Forceps, Towel Clamps

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

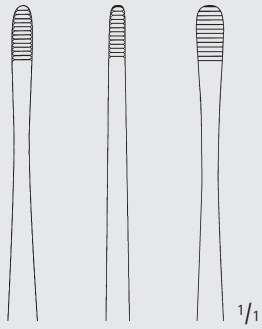
Sponge- and Dressing Forceps



BRYANT

BF003R

130 mm, 5 1/8"



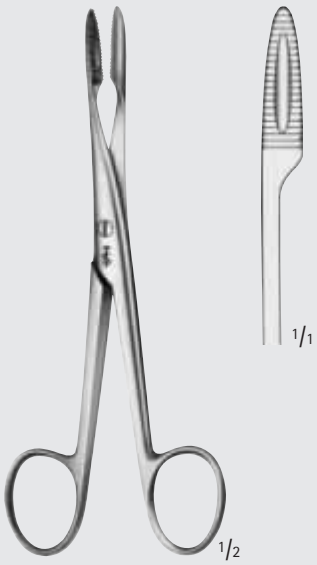
LISTER

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

BF004R–BF008R

Sinusklemmen

Sinus forceps

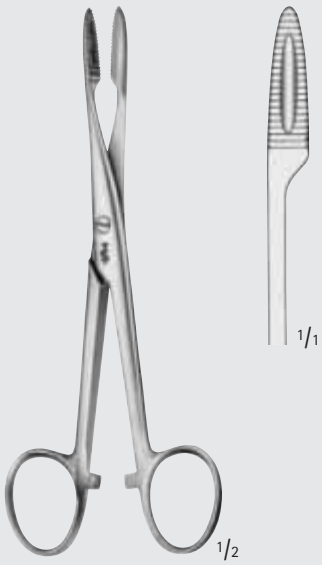


BF010R

ohne Sperre

without ratchet

145 mm, 5 3/4"



BF016R

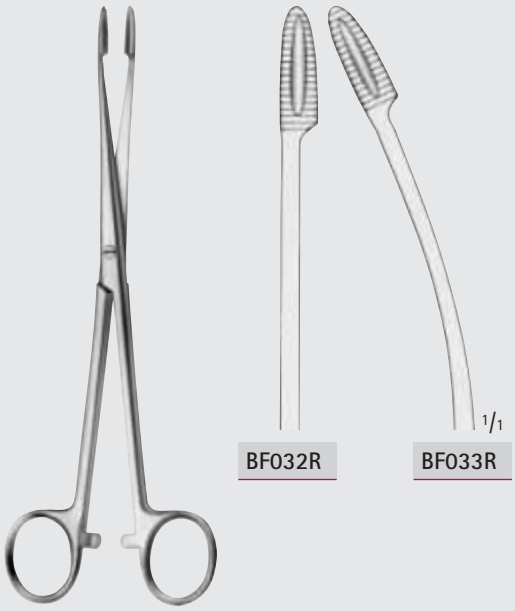
mit Sperre

with ratchet

145 mm, 5 3/4"

BF021R

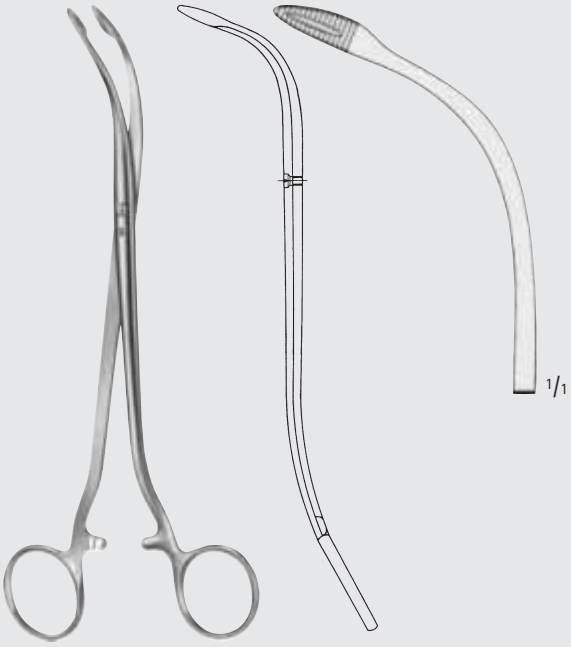
175 mm, 7"



GROSS

BF032R–BF033R

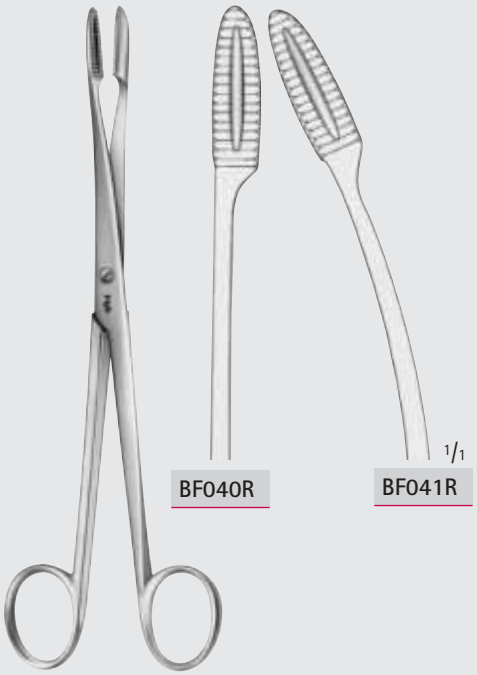
mit Sperre
with ratchet
180 mm, 7"



DUPLAY

OM485R

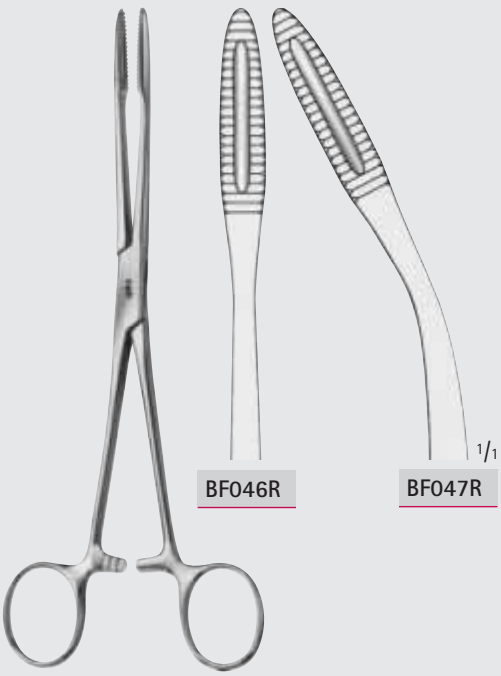
190 mm, 7 1/2"



GROSS

BF040R–BF041R

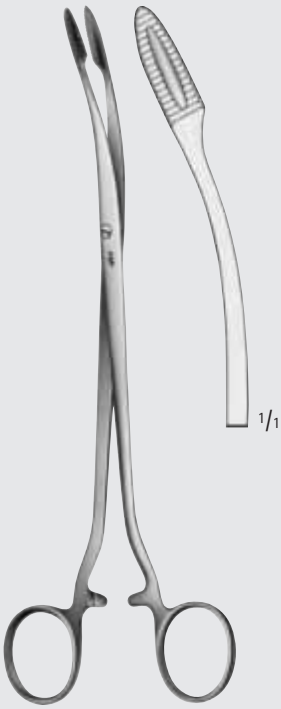
ohne Sperre
without ratchet
200 mm, 8"



GROSS

BF046R–BF047R

200 mm, 8"



DUPLAY

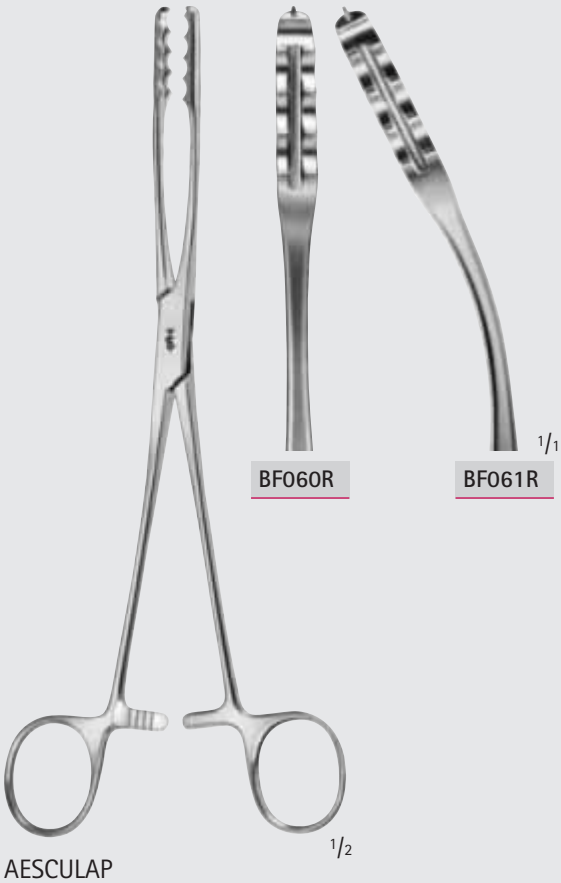
BF027R

210 mm, 8 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn-, Tupfer- und Waschzangen

Sponge- and Dressing Forceps



AESCULAP

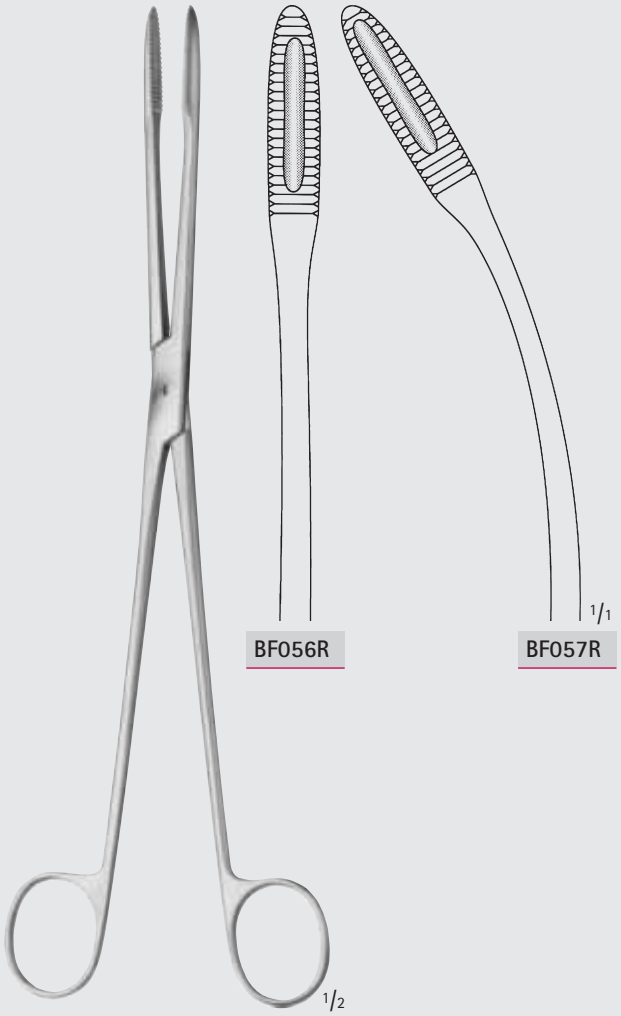
BF060R-BF061R

220 mm, 8 3/4"

BF062R	BF063R	BF065R
265 mm	265 mm	350 mm
10 1/2"	10 1/2"	14"

ULRICH-AESCULAP

BF062R-BF065R



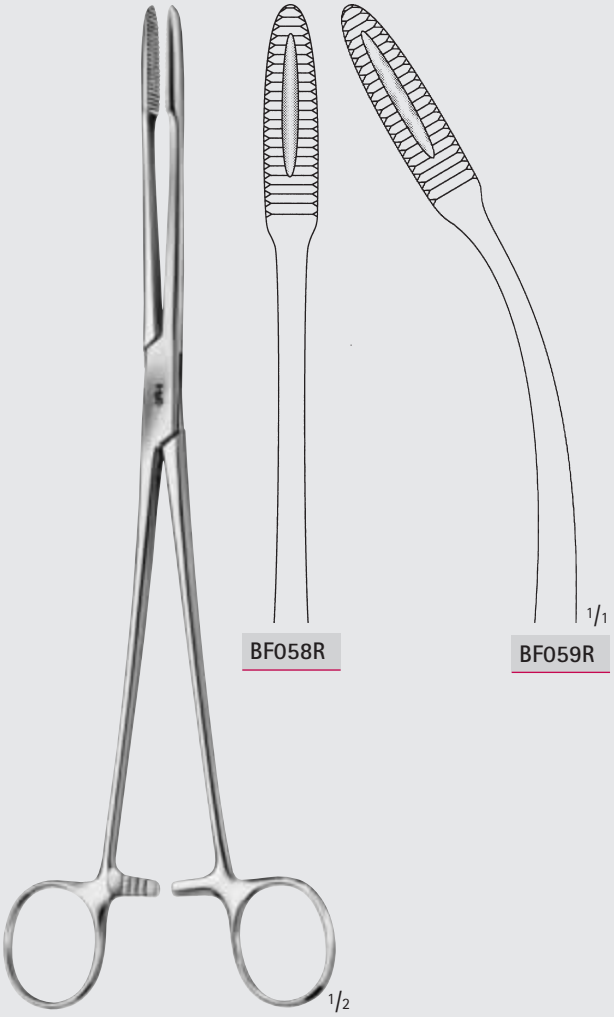
MAIER

BF056R–BF057R

ohne Sperre

without ratchet

265 mm, 10 1/2"



MAIER

BF058R–BF059R

mit Sperre

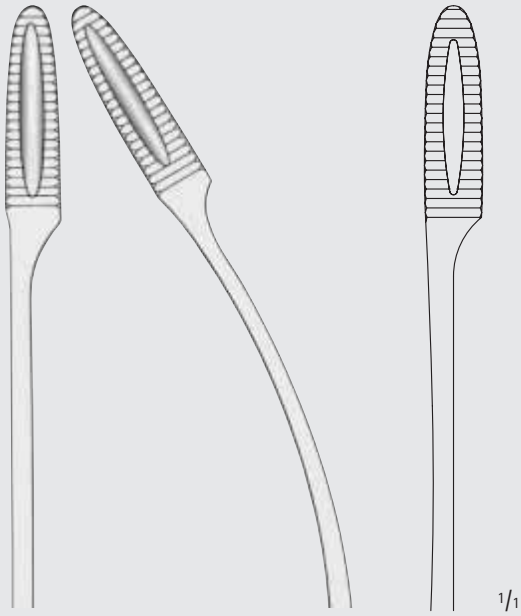
with ratchet

265 mm, 10 1/2"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Korn- und Tupferzangen

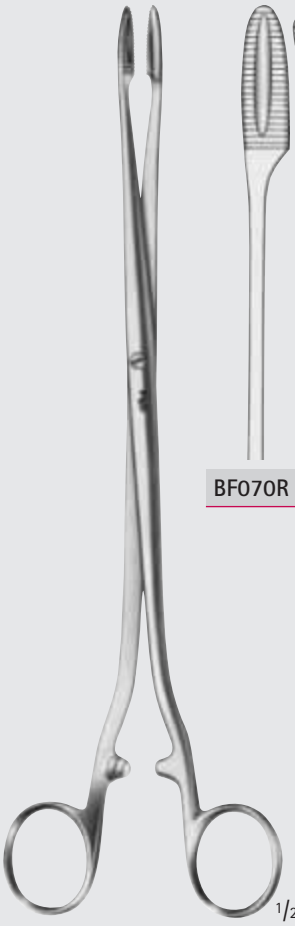
Sponge- and Dressing Forceps

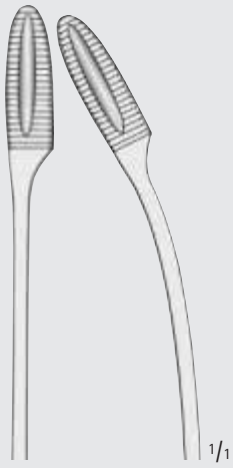


BF076R	BF077R	BF078R
280 mm	280 mm	350 mm
11"	11"	14"

SIMS-MAIER

BF076R–BF078R

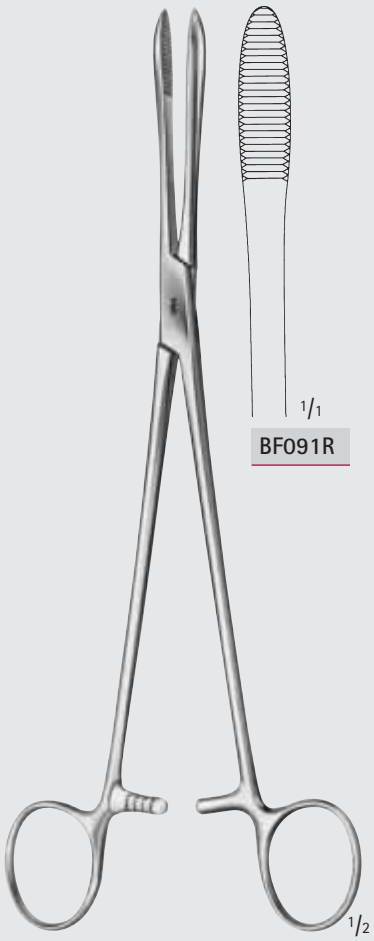




BF070R	BF071R

BF070R–BF071R

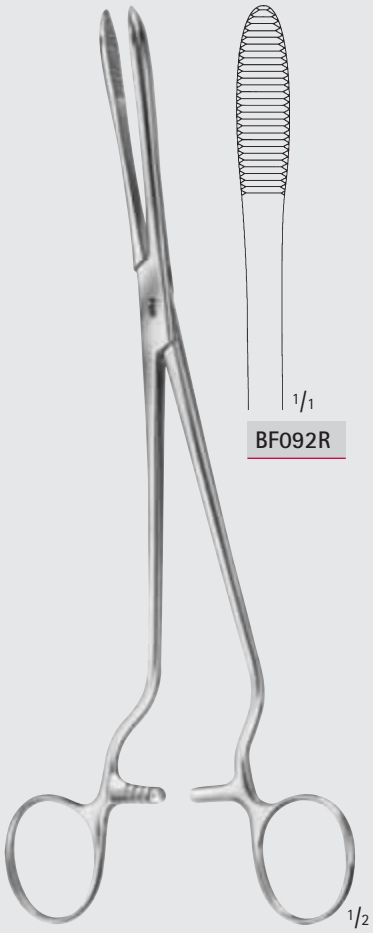
240 mm, 9 1/2"



COLLIN

BF091R

240 mm, 9 1/2"



CHERON

BF092R

Griffe seitwärts abgewinkelt

Handles angled to side

240 mm, 9 1/2"

EMMET

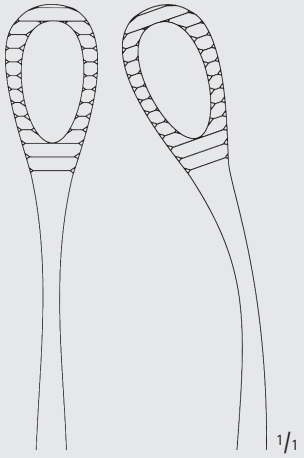
BF098R

210 mm, 8 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tupfer-, Schwamm-, Organ- und Gewebefasszangen

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

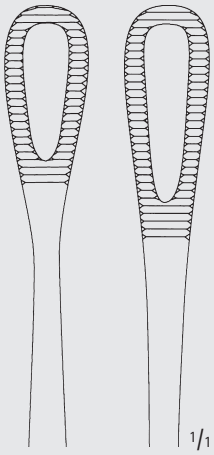


BF112R BF113R

FOERSTER-BALLENGER

BF112R–BF113R

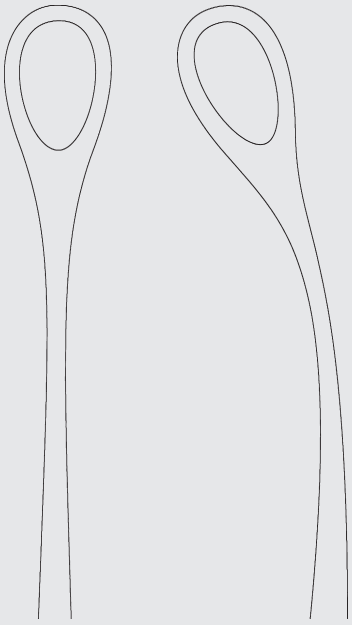
180 mm, 7"

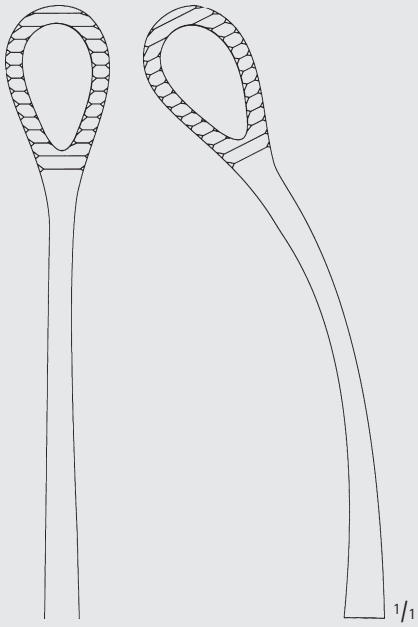


BF116R	BF118R
180 mm	250 mm
7"	10"

RAMPLEY

BF116R–BF118R





BF120R
glattes Maul
smooth jaws

BF121R
glattes Maul
smooth jaws

BF122R

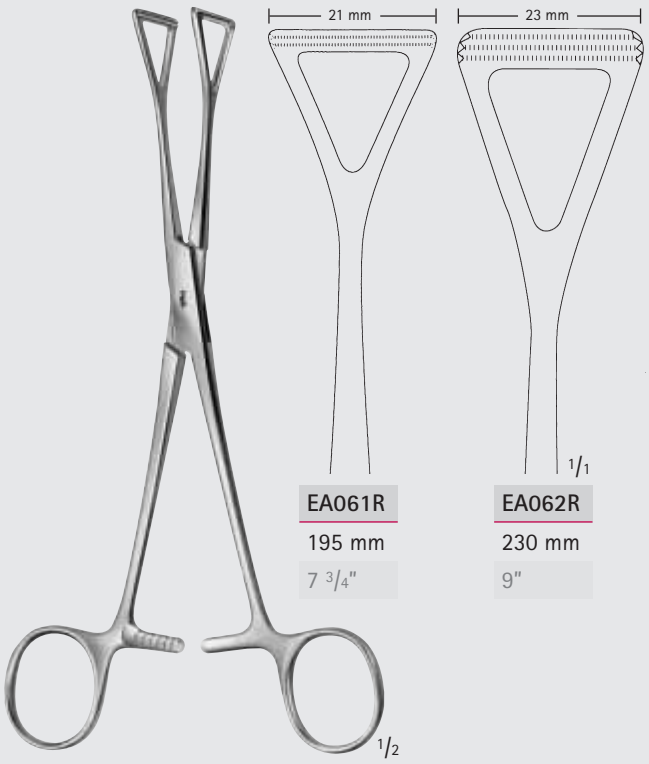
BF123R

FOERSTER-BALLENGER

BF120R–BF123R

245 mm, 9 3/4"

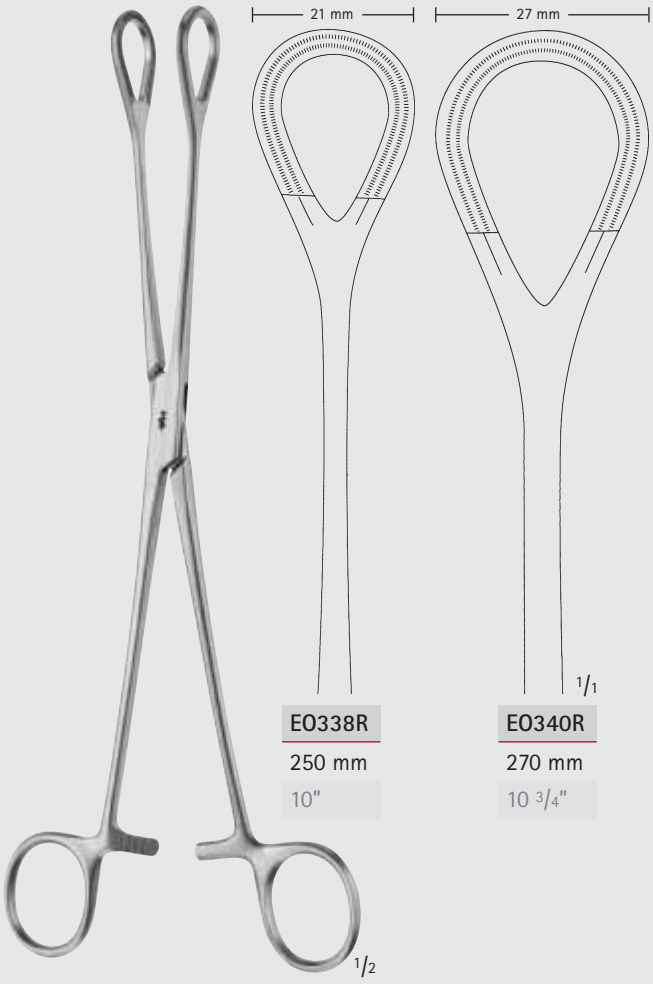
2:3 Zahnreihen
2:3 Teeth rows



EA061R	EA062R
195 mm	230 mm
7 3/4"	9"

COLLIN

EA061R–EA062R



EO338R	EO340R
250 mm	270 mm
10"	10 3/4"

EO338R–EO340R

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"

1/2

HEYWOOD-SMITH

AN710R

200 mm, 8"

1/1

AN710R

1/2

HEYWOOD-SMITH MODIF.

AN711R

215 mm, 8 1/2"

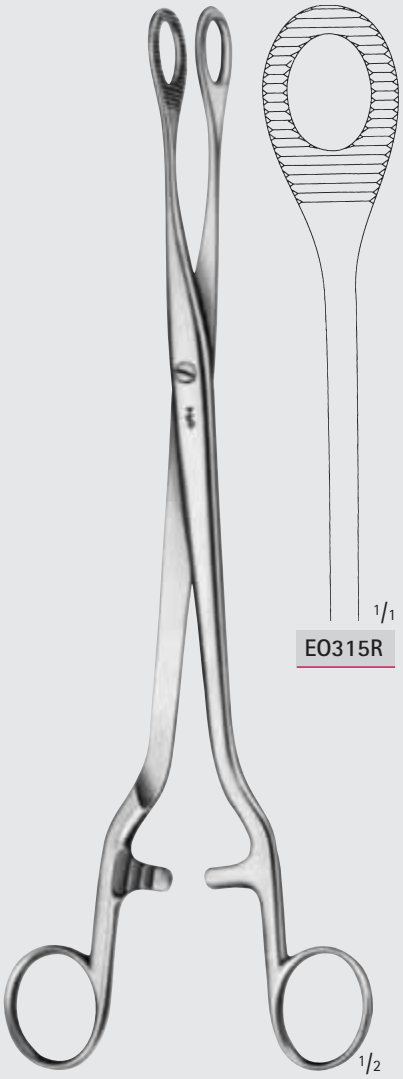
1/1

AN711R

HEYWOOD-SMITH

EO310R

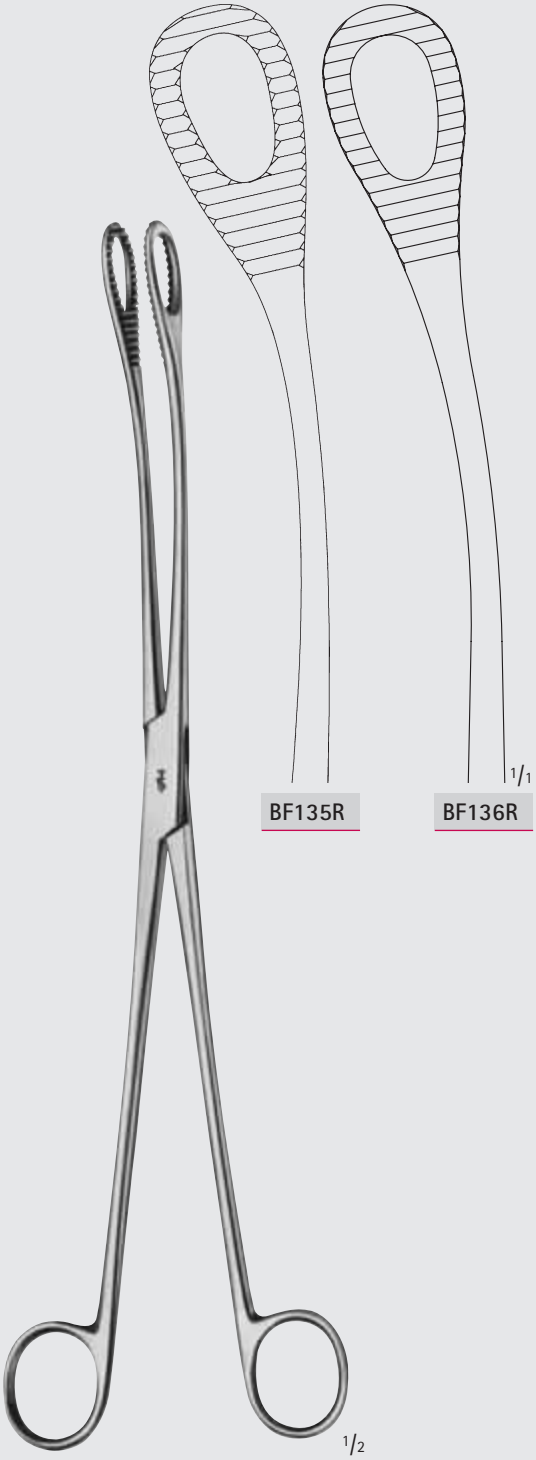
250 mm, 10"



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

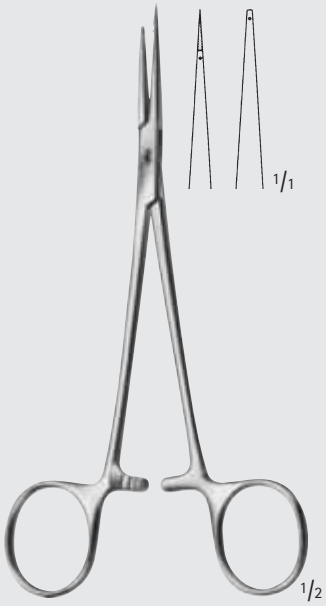
Sehnenfasszange

4 x 5 Zähne

Tendon seizing forceps

4 x 5 teeth

150 mm, 6"

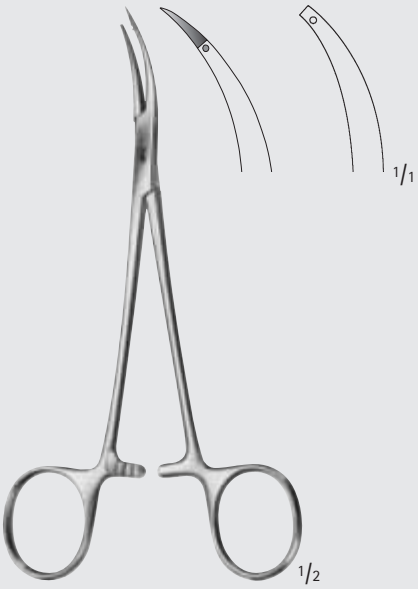


FO950R

Sehneneinflechtklemme

Tendon interlacing forceps

150 mm, 6"

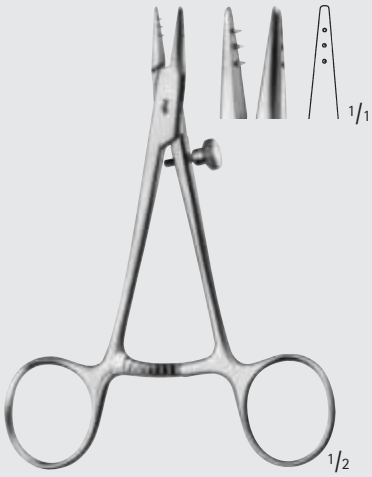


FO951R

Sehneneinflechtklemme

Tendon interlacing forceps

150 mm, 6"

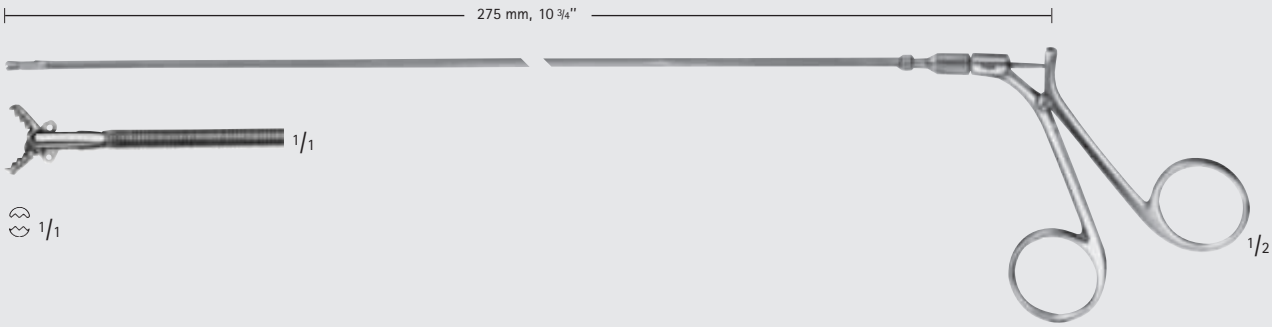


BF307R

Sehnenfasszange

Tendon seizing forceps

120 mm, 4 3/4"

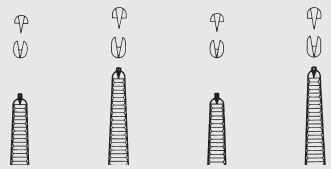


JÄGER

BF325R

Sehnen- und Kreuzband-Durchziehzange
flexibler Schaft

Tendon- and cross ligament passing forceps
flexible shaft



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

BRAND

BF315R–BF326R

Sehnenführungszangen

Tendon holding forceps

KLEINERT-KUTZ

BF320R

Sehnendurchziehzange

Tendon passing forceps

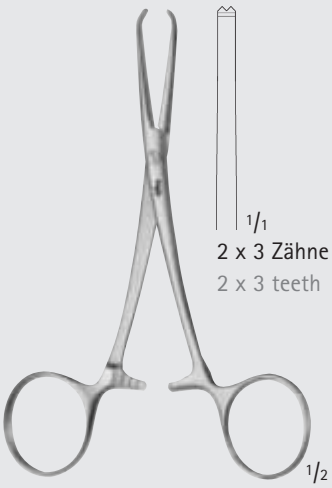
205 mm, 8"

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



2 x 3 Zähne
2 x 3 teeth

POIRIER

BF299R

125 mm, 5"

2 x 3 Zähne, scharf
2 x 3 teeth, sharp

CHAPUT

BF300R

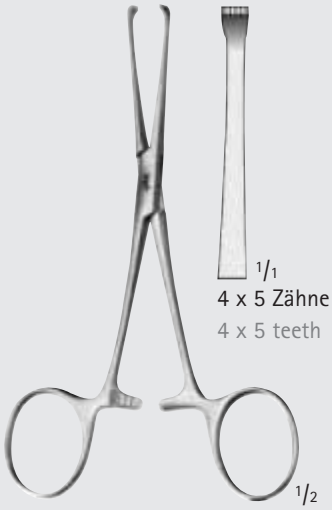
125 mm, 5"

5 x 6 Zähne, scharf
5 x 6 teeth, sharp

TUFFIER

BF301R

125 mm, 5"

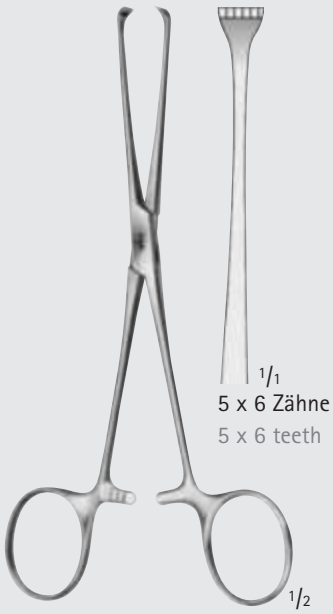


4 x 5 Zähne
4 x 5 teeth

BABY-ALLIS

EA012R

130 mm, 5 1/8"

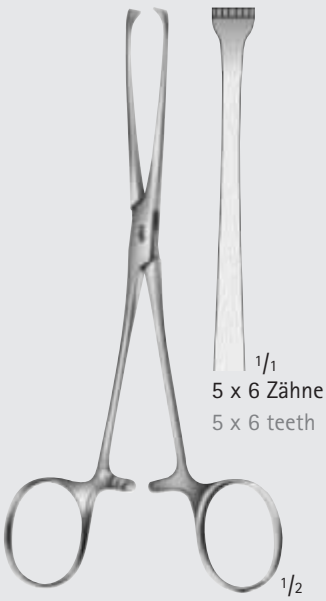


5 x 6 Zähne
5 x 6 teeth

BOYS-ALLIS

EA010R

155 mm, 6"

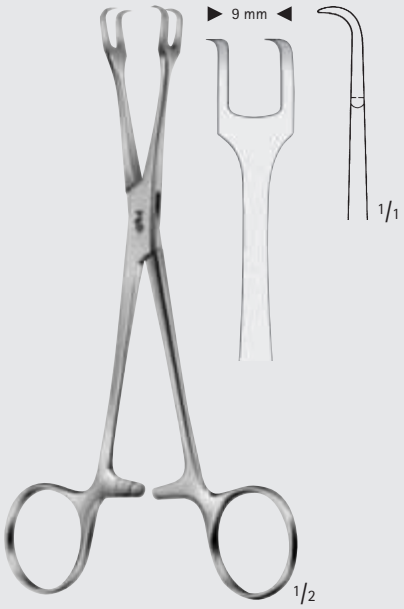


5 x 6 Zähne
5 x 6 teeth

ALLIS

EA016R

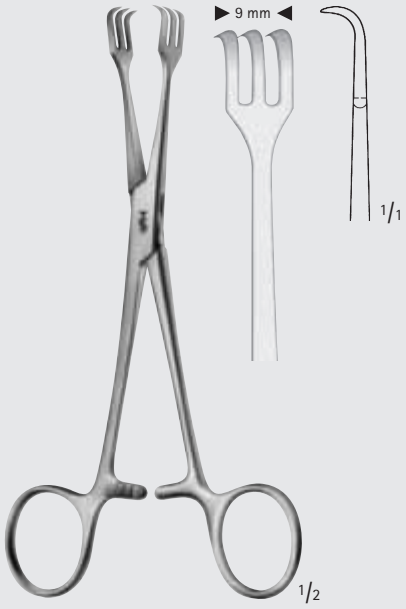
155 mm, 6"



LAHEY

BF309R

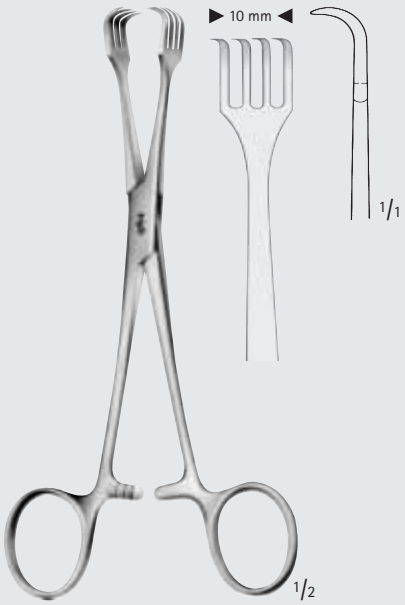
155 mm, 6"



LAHEY

BF310R

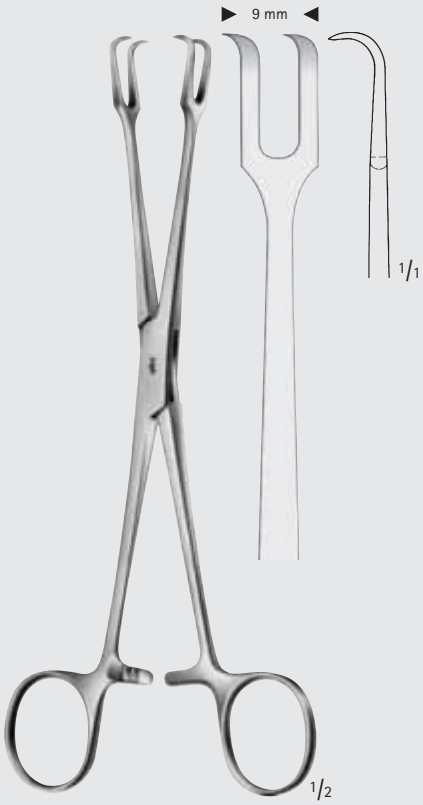
155 mm, 6"



BRAUN

BF311R

155 mm, 6"



MUSEUX

OM602R

200 mm, 8"

CZERNY

EO164R

200 mm, 8"

SCHRÖDER

EO163R

270 mm, 10 3/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

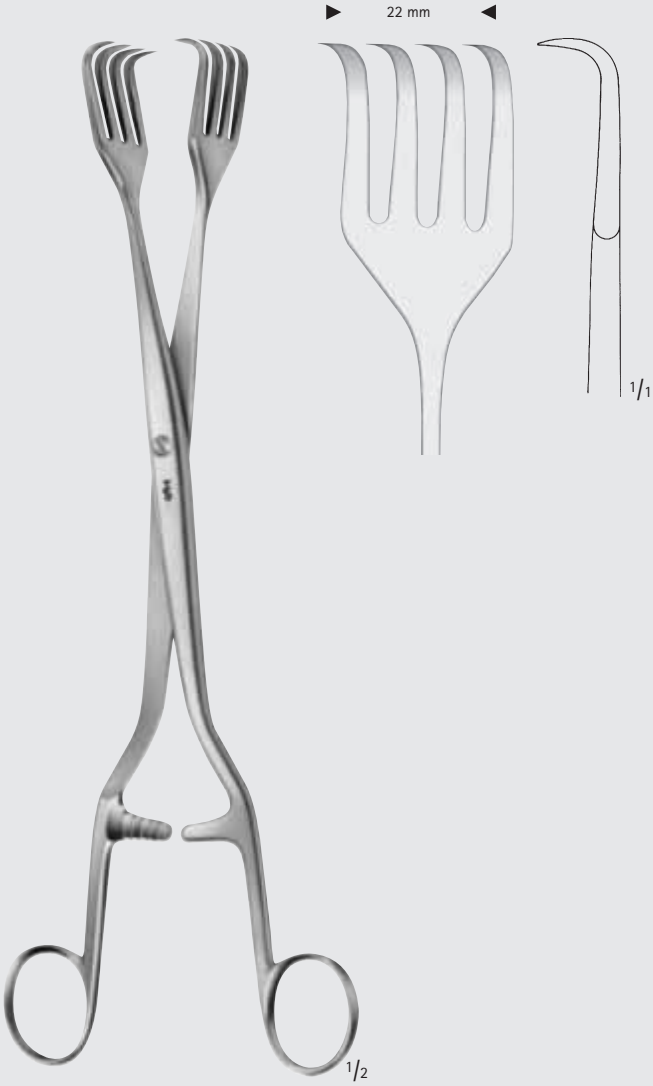
Organ- und Gewebefasszangen

Organ- and Tissue Grasping Forceps

AESCULAP-PRATT

EO165R

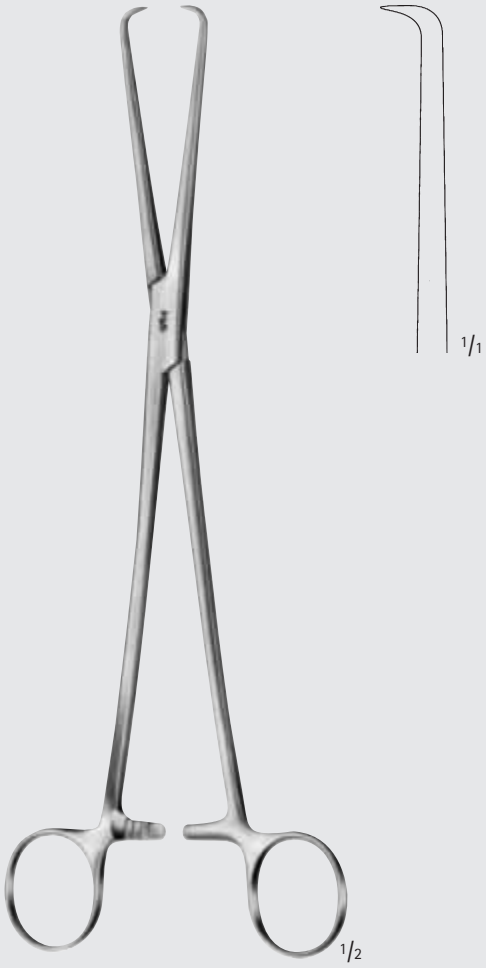
260 mm, 10 1/4"



PRATT

EO166R

270 mm, 10 3/4"



SCHRÖDER

EO110R

250 mm, 10"

WILSON

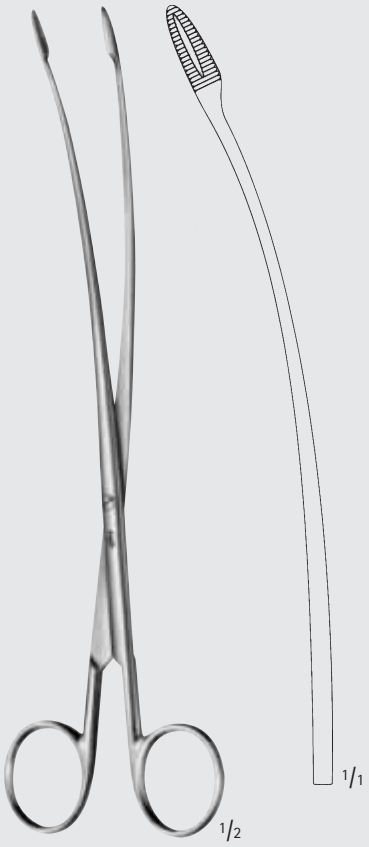
EO112R

240 mm, 9 1/2"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Fremdkörperzangen

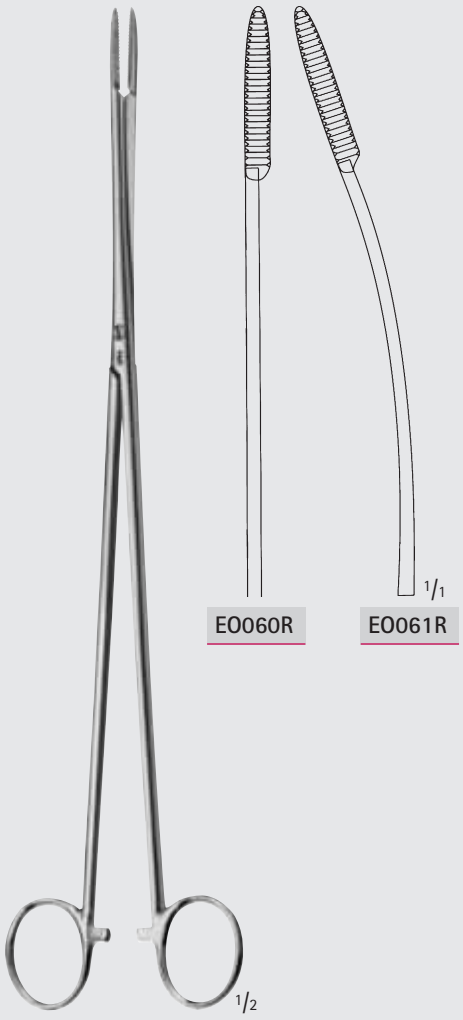
Foreign Body Forceps



PITHA

EF921R

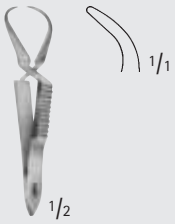
220 mm, 8 3/4"



PELKMANN

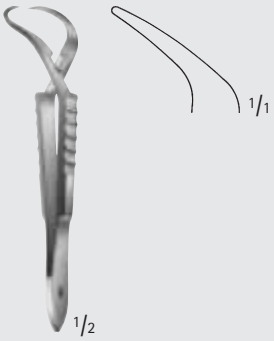
EO060R-EO061R

260 mm, 10 1/4"



BF401R

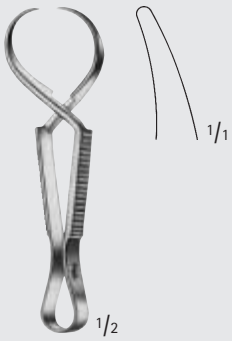
55 mm, 2 1/8"



JONES

BF407R

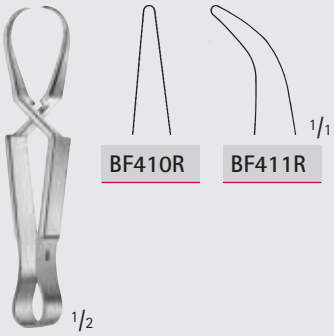
85 mm, 3 3/8"



ENGL.MOD.

BF408R

85 mm, 3 3/8"



BF410R BF411R

SCHAEDEL

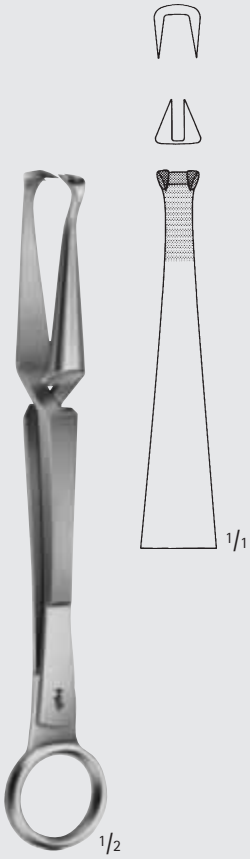
BF410R-BF411R

85 mm, 3 3/8"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

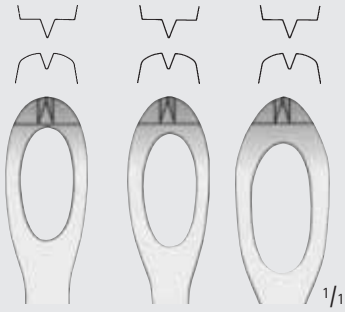
Towel Clamps



DOYEN

BF417R

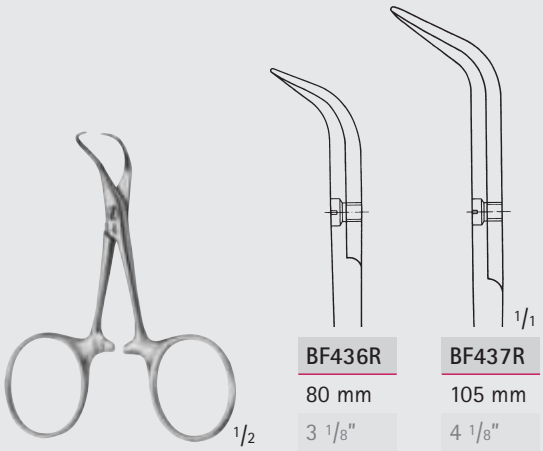
180 mm, 7"



BF450R	BF451R	BF452R
130 mm	155 mm	195 mm
5 1/8"	6"	7 3/4"

LANE

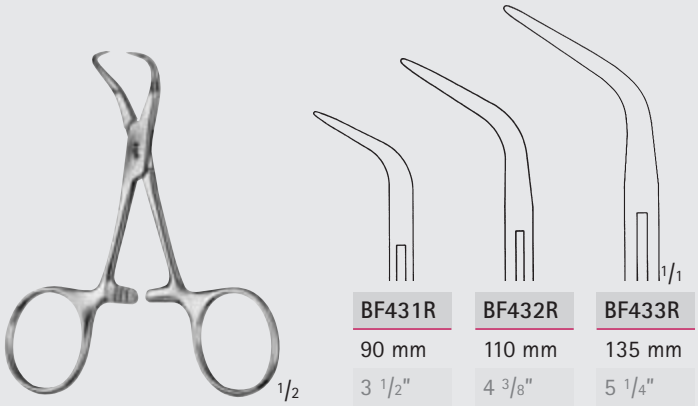
BF450R–BF452R



BF436R	BF437R
80 mm	105 mm
3 1/8"	4 1/8"

BACKHAUS

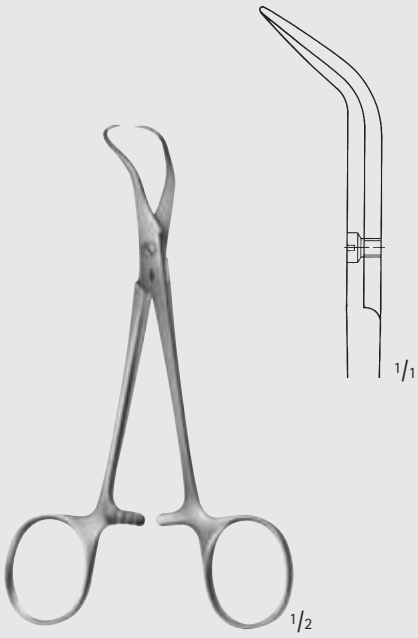
BF436R–BF437R



BF431R	BF432R	BF433R
90 mm	110 mm	135 mm
3 1/2"	4 3/8"	5 1/4"

BACKHAUS

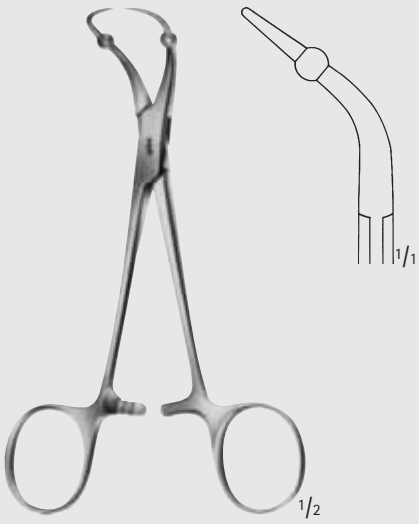
BF431R–BF433R



BACKHAUS-KOCHER

BF444R

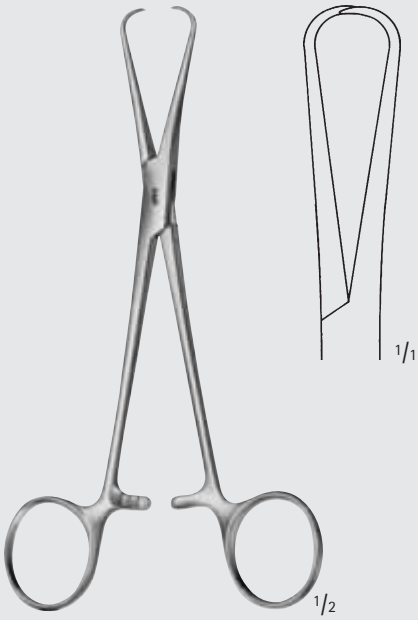
135 mm, 5 1/4"



ROEDER

BF448R

135 mm, 5 1/4"



BERNHARD

BF426R

160 mm, 6 1/4"

Korn- und Tupferzangen – Sponge- and Dressing Forceps

Tuchklemmen

Towel Clamps

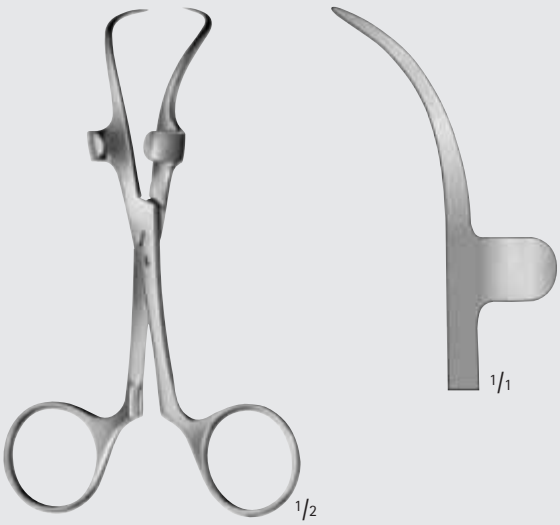
ROBIN

BF439R

mit Kabelhalterung bis 5 mm Kabelstärke

with holders for cable up to 5 mm

135 mm, 5 1/4"



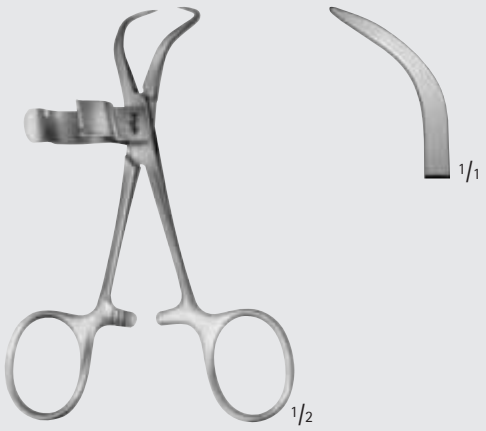
ROBIN

BF440R

mit Schlauchhalterung bis 13 mm Schlauchstärke

with holders for tubing up to 13 mm

135 mm, 5 1/4"

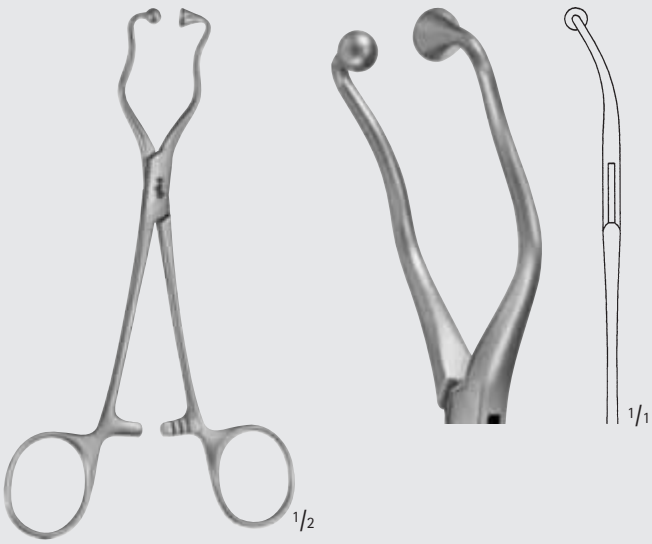


BF442R

mit Schlauchhalterung bis 15 mm Schlauchstärke

with holders for tubing up to 15 mm

110 mm, 4 3/8"



BF443R

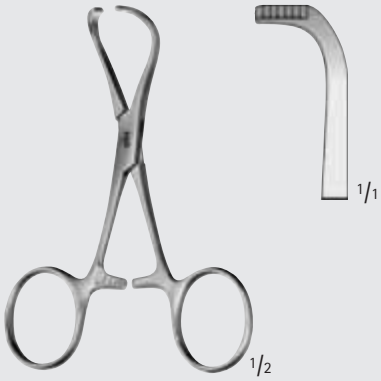
Doppelschlauch-Fixierklemme atraumatische Fassfläche

Tube fixation forceps with atraumatic jaw parts

140 mm, 5 1/2"

Besonders geeignet für HLM-Schläuche in der Herzchirurgie

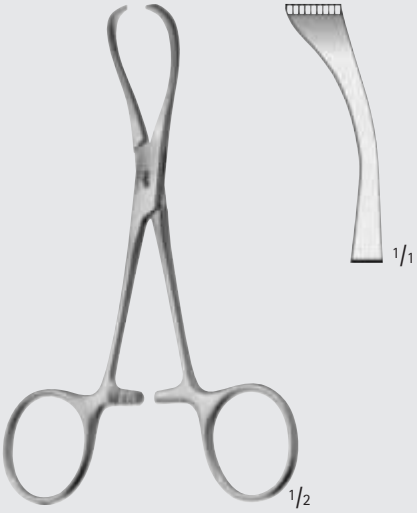
Especially suitable for HLM tubes for cardiovascular surgery



LORNA

BF461R

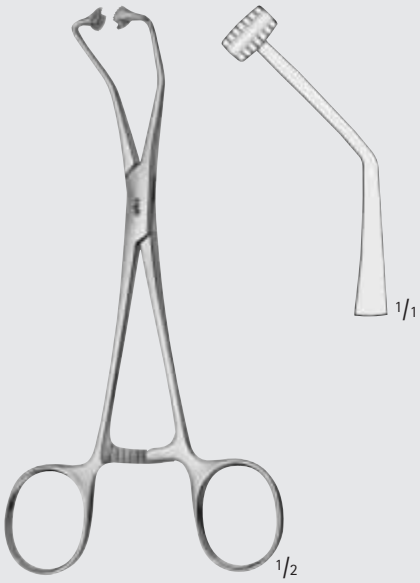
nicht perforierend
non-perforating
95 mm, 3 3/4"



LORNA

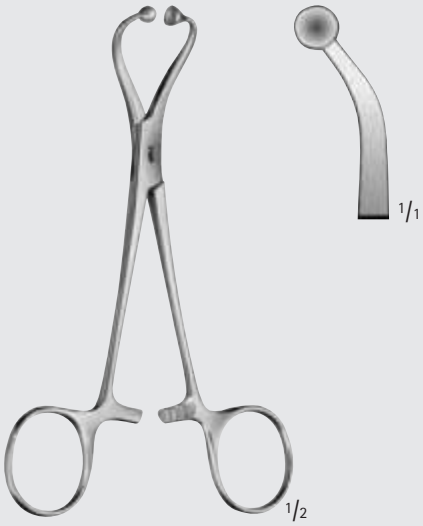
BF463R

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



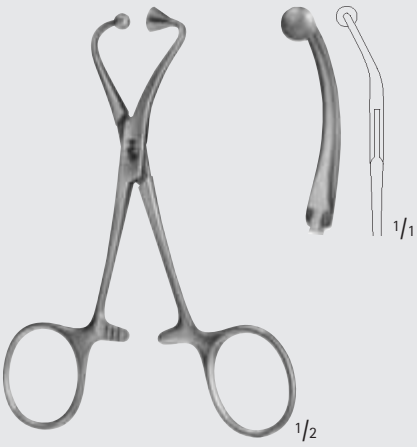
BF460R

für Papiertücher
for paper cloths
150 mm, 6"



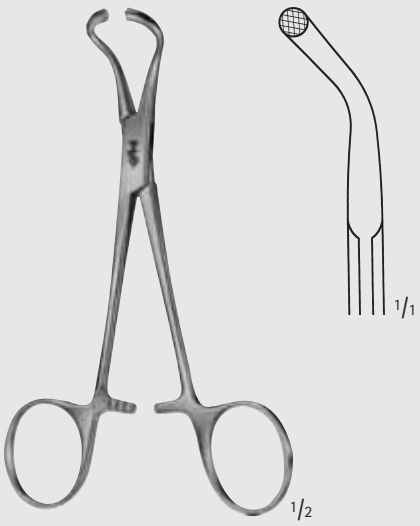
BF464R

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

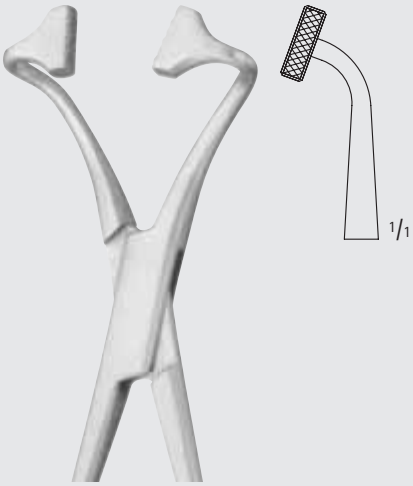
Tuchklemmen

Towel Clamps

BF458R

100 mm

4"



BF459R

135 mm

5 1/4"

BF458R–BF459R

nicht perforierend

non-perforating

BUNT

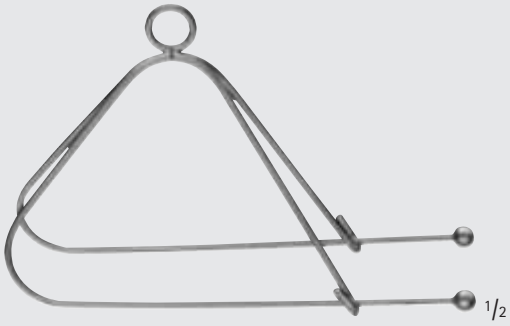
BF491R

105 mm, 4 1/8"

MAYO

BF493R

140 mm, 5 1/2"



MAYO

BF494R

doppelt

double

125 mm, 5"

BH

Arterienklemmen, Bulldogklemmen, Gefäßclipse, Approximatoren

Haemostatic Forceps, Bulldog Clamps, Vessel Clips, Approximators

Arterienklemmen – Hemostatic Forceps

Gefäßclips nach BIEMER, Gefäßclips nach MEHDORN, Minigröße

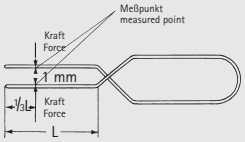
BIEMER Vessel Clips, MEHDORN Vessel Clips, Mini Size

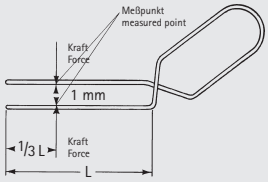
für temporären Gebrauch

- Maulinnenflächen schräg gerieft, für schonendes, sicheres Festhalten der Gefäße.
- Der fest eingestellte Schließdruck gewährt risikofreie Anwendung.
- Schließkraft-Ermittlung: bei 1/3 der Gesamtmaullänge 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 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).

1/2

FD568R
ohne Schloss
without lock

1/2

FD569R
mit Schloss
with lock

BIEMER

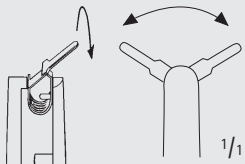
FD568R-FD569R

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"

1/2



1/1

Die Position des Clips ist variabel
Various positions of clips possible

MEHDORN

FD578R

Anlegepinzette für Gefäßclips nach MEHDORN

Applying forceps for MEHDORN vessel clips

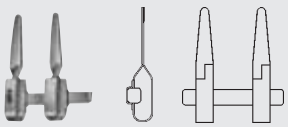
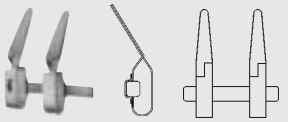
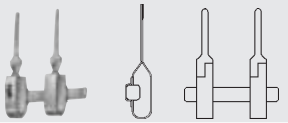
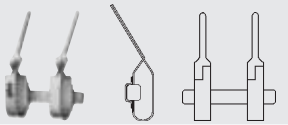
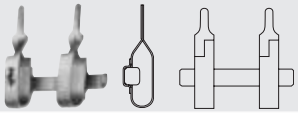
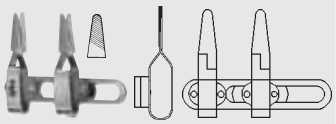
150 mm, 6"

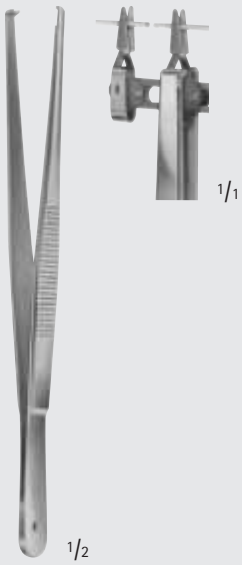
für Mikro-Gefäßanastomosen im oberflächlichen Bereich

- 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, verzerrrungsfreies Umdrehen, um auf der unteren Gefäßseite weiterzunähen.

for micro vessel anastomosis in the superfical 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)	FD568R oder / or FD569R
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)	
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



BIEMER

FD572R

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

Arterienklemmen – Hemostatic Forceps

Approximator, Nerv-Approximator nach BIEMER

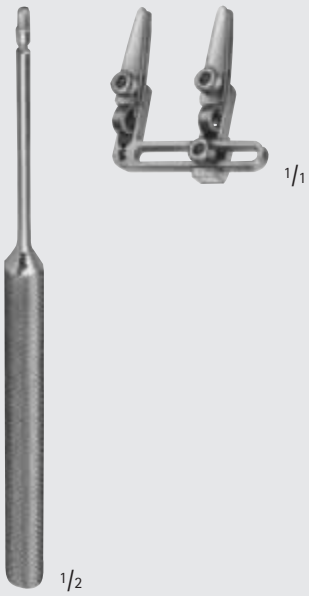
Approximator, BIEMER Approximator for Nerves

für Mikro-Gefäßanastomosen 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

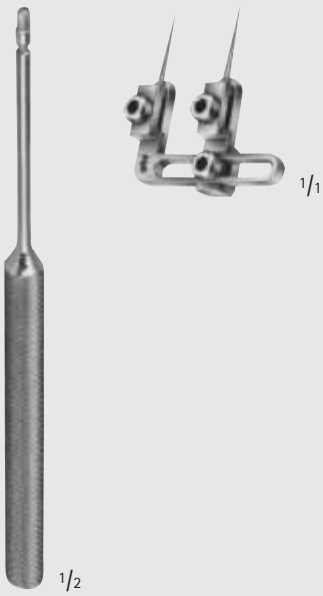
Approximator complete, with key FD576R

zur sicheren Adaption bei Nervanastomosen

- Das Durchstrecken des Nervenzentrum **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

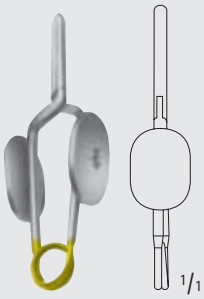
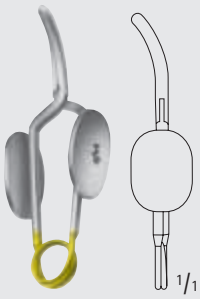
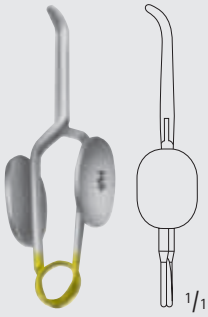
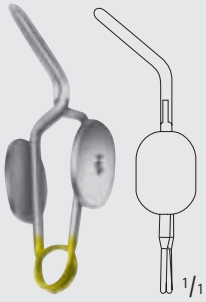
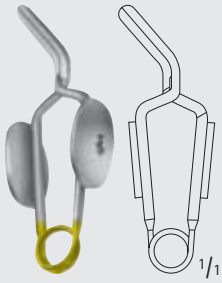
Nerv-Approximator komplett, mit Schlüssel FD576R

Approximator for nerves complete, with key FD576R

FD636R

1 Paar Ersatznadeln

1 pair of spare needles

Schließdruck Closing force	 1/1	 1/1	 1/1	 1/1	 1/1
50 g	FE010K	FE011K	FE012K	FE013K	FE014K
80 g	FE020K	FE021K	FE022K	FE023K	FE024K
	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

1/1

Maulprofil fein kariert

jaw profiles, finally cross-serrated

MÜLLER

FE005K

Fadenklemme

Ligature Forceps

Arterienklemmen – Hemostatic Forceps

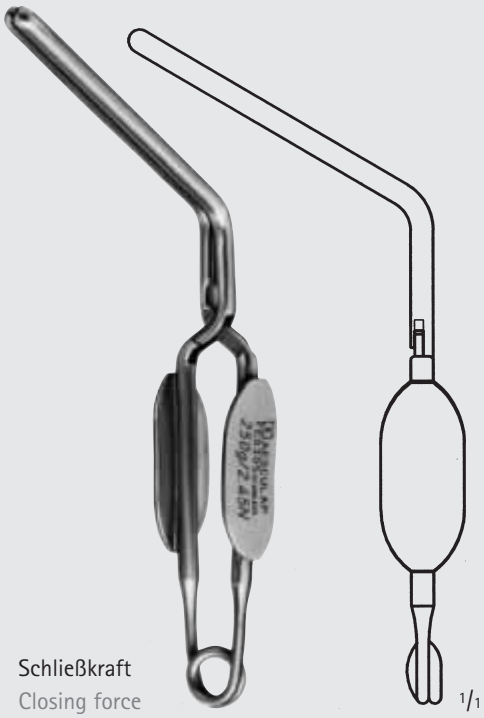
Gefäßclips
Vascular Clips

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

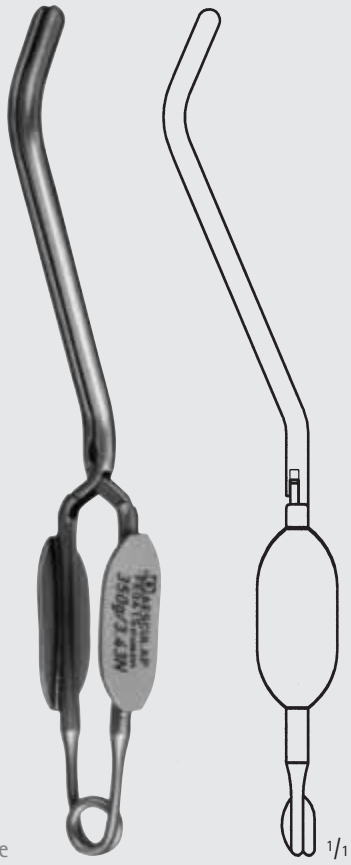
Features:
- Atraumatic mouth profile
- Handle plateau mounted on both sides for secure application and removal of the clip.
- Exactly definied closing pressure for arterial and venous vessels.
- Vascular clips are clearly marked with closing pressure.
- Closed mouth box guarantees precise guidance of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



1/1

Schließkraft
Closing force

	MÜLLER
250 g	FE030S
350 g	FE040S
	gerade straight



1/1

Schließkraft
Closing force

	MÜLLER
250 g	FE031S
350 g	FE041S
	gebogen curved

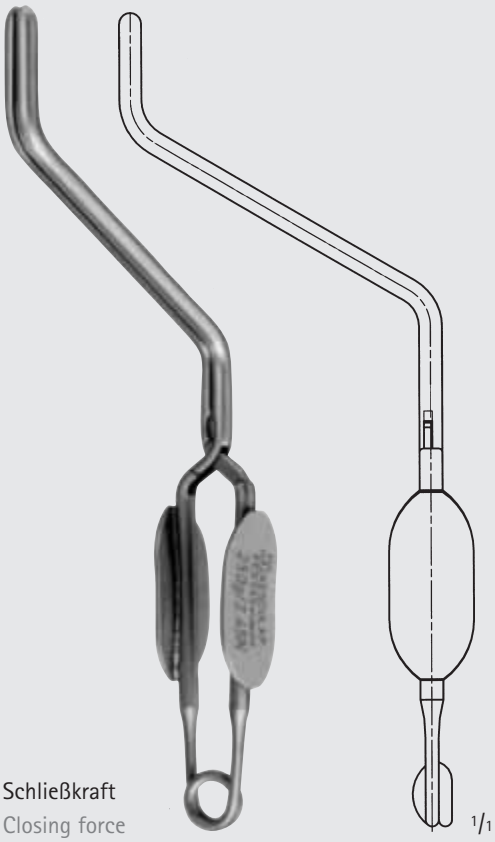
Schließkraft
Closing force

1/1

MÜLLER

250 g	FE032S
350 g	FE042S

Spitze gebogen
curved tips



Schließkraft
Closing force

1/1

MÜLLER

250 g	FE034S
350 g	FE044S

kniegebogen
knee-bent

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen

Bulldog Clamps

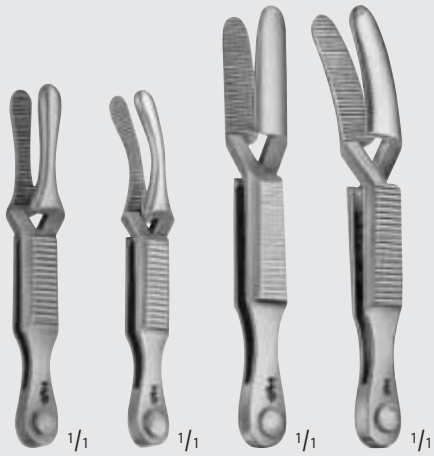
JOHNS-HOPKINS

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: Total length:	Maullänge: 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 Total length:	Maullänge: 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"

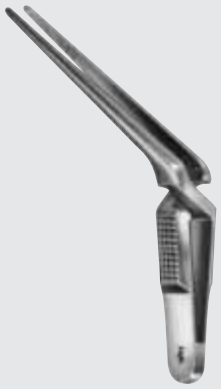
1/1

DE BAKEY-HESS

	BH030R
Gesamtlänge:	34 mm
Total length:	1 3/8""
Maullänge:	20 mm
Jaw length:	3/4"

1/1

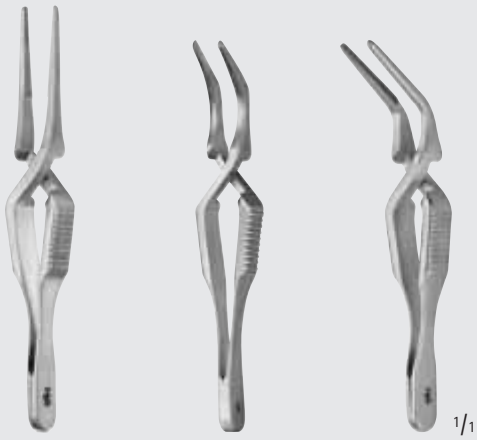
	FB328R	FB329R	FB330R	FB331R
Gesamtlänge:	35 mm	35 mm	45 mm	45 mm
Total length:	1 3/8"	1 3/8"	1 3/4"	1 3/4"
Maullänge:	14 mm	14 mm	19 mm	19 mm
Jaw length:	1/2"	1/2"	3/4"	3/4"



1/1

DE BAKEY-HESS

	BH031R
Gesamtlänge:	43 mm
Total length:	1 7/10"
Maullänge:	30 mm
Jaw length:	1 3/16"



1/1

	DIETHRICH	DIETHRICH	DIETHRICH
	MB285R	BH032R	BH034R
Gesamtlänge:	55 mm	48 mm	48 mm
Total length:	2 1/8"	1 7/8"	1 7/8"
Maullänge	13 mm	10 mm	13 mm
Jaw length:	1/2"	3/8"	1/2"

Mini-Bulldogklemmen
Schließdruck 180 g
Mini-bulldog clamps
Closing force 180 g

	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 FB352R	DE BAKEY FB353R	GLOVER FB431R	DE BAKEY FB357R	DE BAKEY FB358R	DE BAKEY 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"

Arterienklemmen – Hemostatic Forceps

Bulldogklemmen
Bulldog Clamps

	DE BAKEY FB420R	DE BAKEY FB422R	DE BAKEY FB424R	DE BAKEY FB426R	DE BAKEY FB421R	DE BAKEY FB423R	DE BAKEY FB425R	DE BAKEY FB427R
Gesamtlänge:	80 mm	90 mm	105 mm	124 mm	78 mm	86 mm	97 mm	114 mm
Total length:	3 1/8"	3 1/2"	4 1/8"	5"	3 1/8"	3 3/8"	3 3/4"	4 1/2"
Maullänge:	25 mm	35 mm	50 mm	68 mm	23 mm	31 mm	42 mm	58 mm
Length of jaw:	1"	1 3/8"	2"	2 3/4"	1"	1 1/8"	1 3/4"	2 3/8"

	GLOVER FB432R	GLOVER FB434R	GLOVER FB436R	GLOVER FB433R	GLOVER FB435R	GLOVER FB437R
Gesamtlänge:	68 mm	96 mm	117 mm	65 mm	91 mm	110 mm
Total length:	2 3/4"	3 3/4"	4 3/4"	2 1/2"	3 1/2"	4 3/8"
Maullänge:	33 mm	50 mm	69 mm	33 mm	50 mm	69 mm
Length of jaw:	1 3/8"	2"	2 3/4"	1 3/8"	2"	2 3/4"

Arterienklemmen – Hemostatic Forceps

Feine Arterieklemmen

Delicate Hemostatic Forceps

CARREL

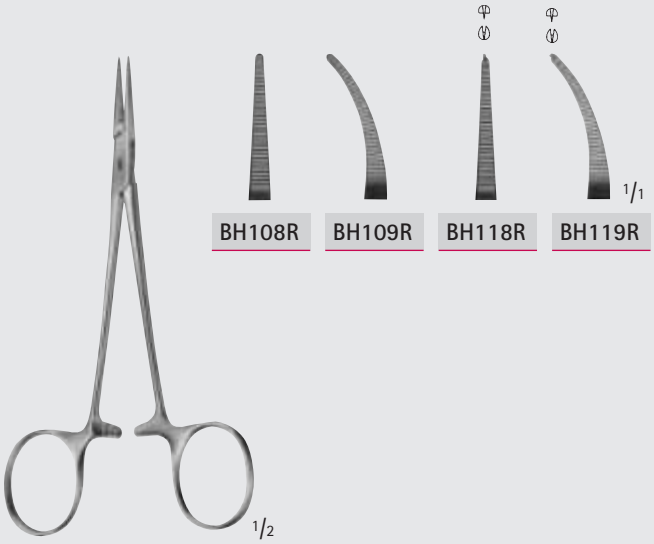
BH100R

85 mm, 3 3/8"

BABY-MOSQUITO (HARTMANN)

BH104R-BH115R

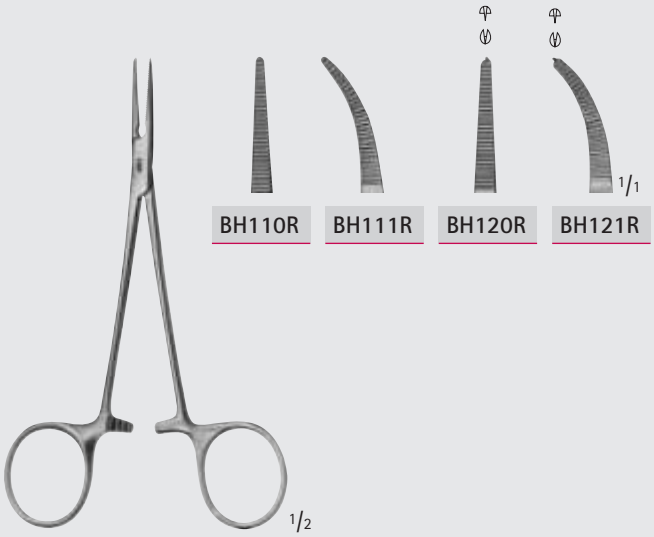
100 mm, 4"



MICRO-HALSTED

BH108R-BH119R

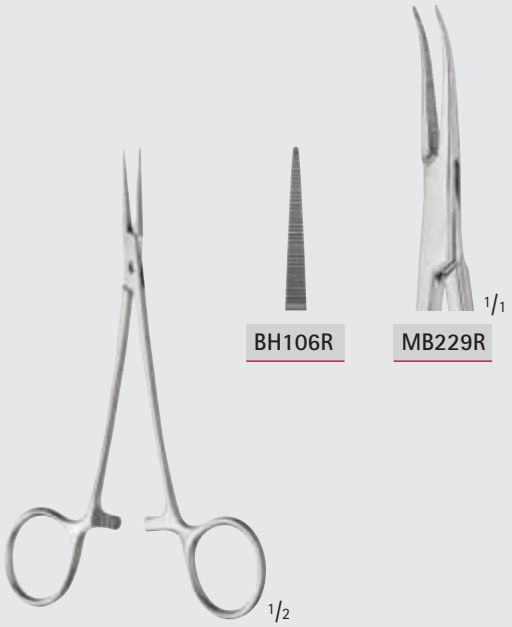
125 mm, 5"



HALSTED-MOSQUITO

BH110R-BH121R

125 mm, 5"



JACOBSON

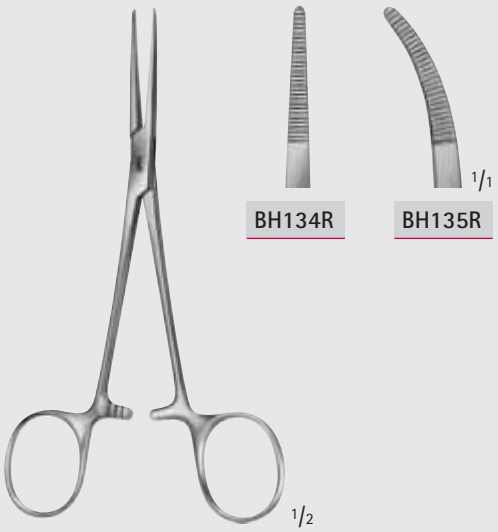
BH106R–MB229R

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

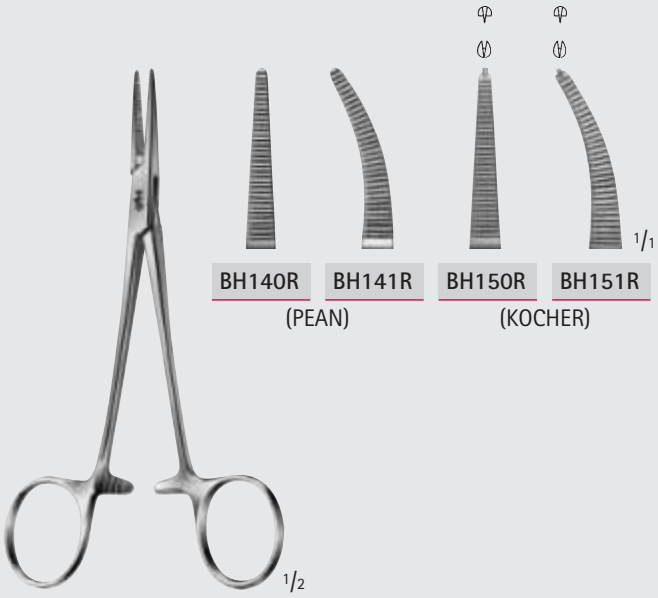
curved to side

140 mm, 5 1/2"

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps



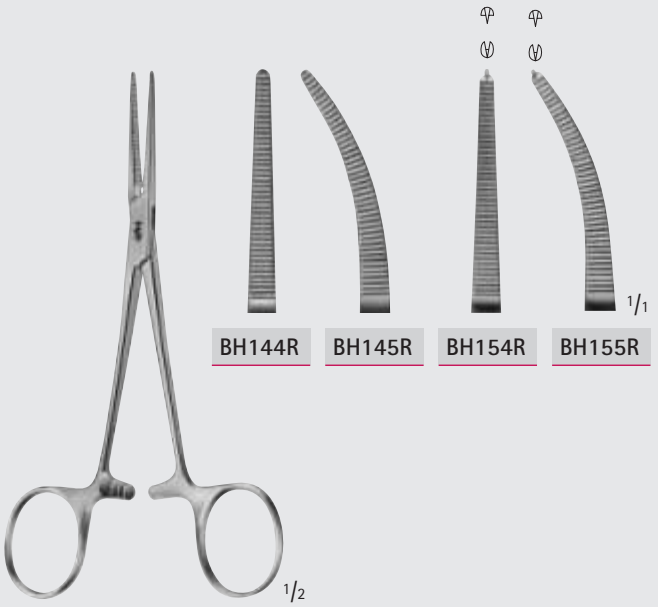
BH140R BH141R BH150R BH151R

(PEAN) (KOCHER)

BABY-CRILE

BH140R–BH151R

140 mm, 5 1/2"



BH144R BH145R BH154R BH155R

CRILE

BH144R–BH155R

140 mm, 5 1/2"

DUNHILL

BH123R

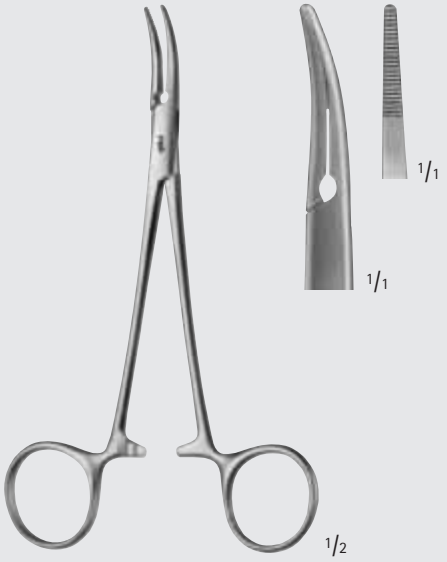
125 mm, 5"

BH124R BH125R

CAIRNS

BH124R–BH125R

150 mm, 6"



CAIRNS

BH126R

seitwärts gebogen

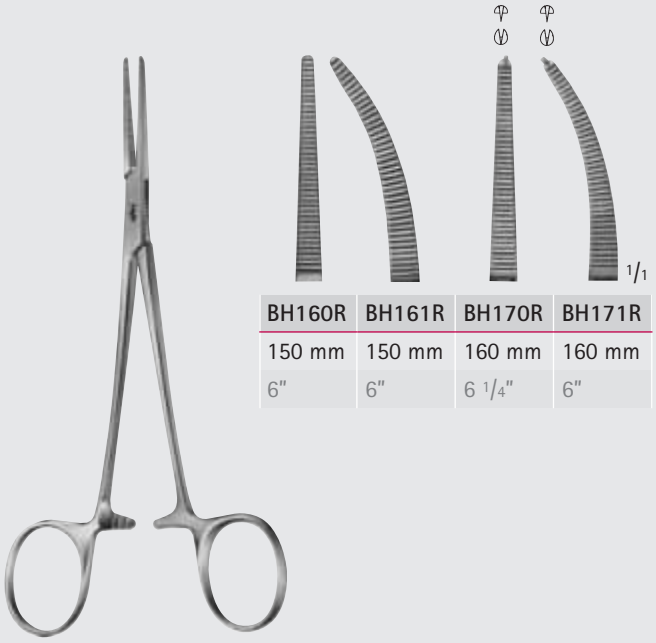
curved to side

145 mm, 5 3/4"

MOYNIHAN

BH127R

150 mm, 6"



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

LERICHE

BH160R–BH171R

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

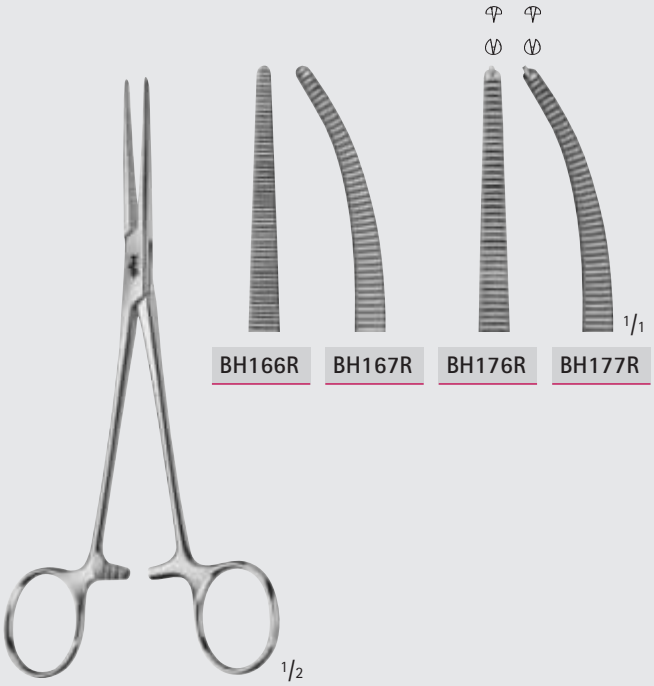
Delicate Hemostatic Forceps

BH164R BH165R

RANKIN

BH164R–BH165R

160 mm, 6 1/4"

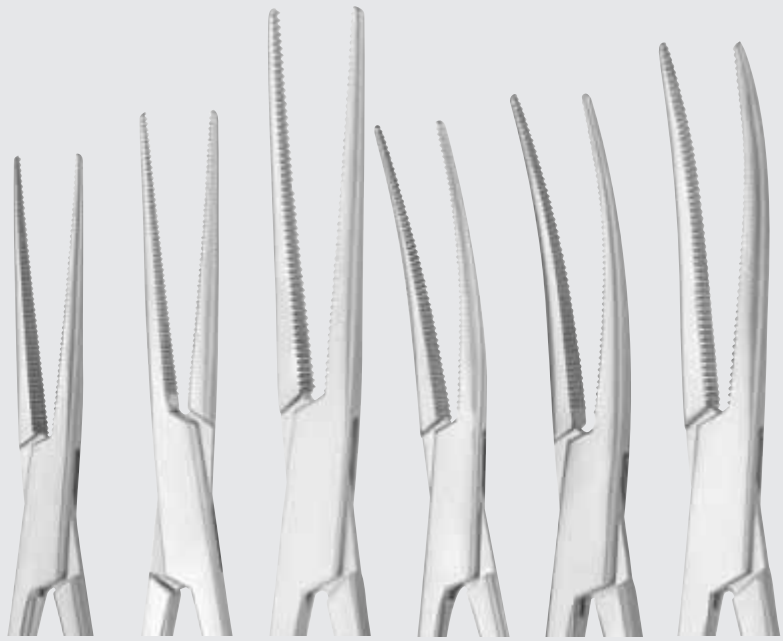


BH166R BH167R BH176R BH177R

CRILE

BH166R–BH177R

160 mm, 6 1/4"



MD464	MD466R	MD468	MD465R	MD467R	MD469
140 mm	165 mm	185 mm	140 mm	165 mm	185 mm
5 1/2"	6 1/2"	7 1/4"	5 1/2"	6 1/2"	7 1/4"

COLLER

MD464–MD469

DIXON-LOVELACE

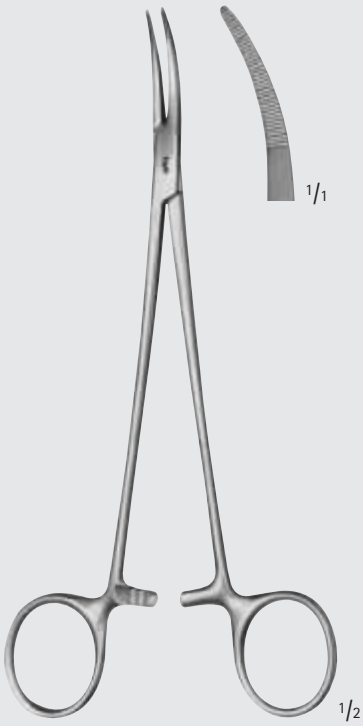
BH168R–BH178R

160 mm, 6 1/4"

FUCHSIG

BH198R

195 mm, 7 3/4"



NISSEN

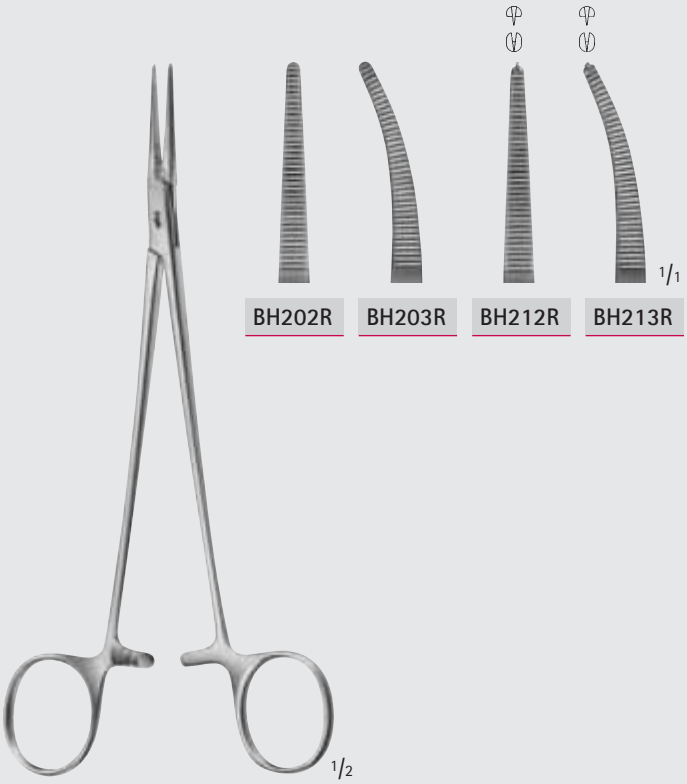
BH199R

185 mm, 7 1/4"

ADSON

BH200R–BH201R

185 mm, 7 1/4"



HALSTED

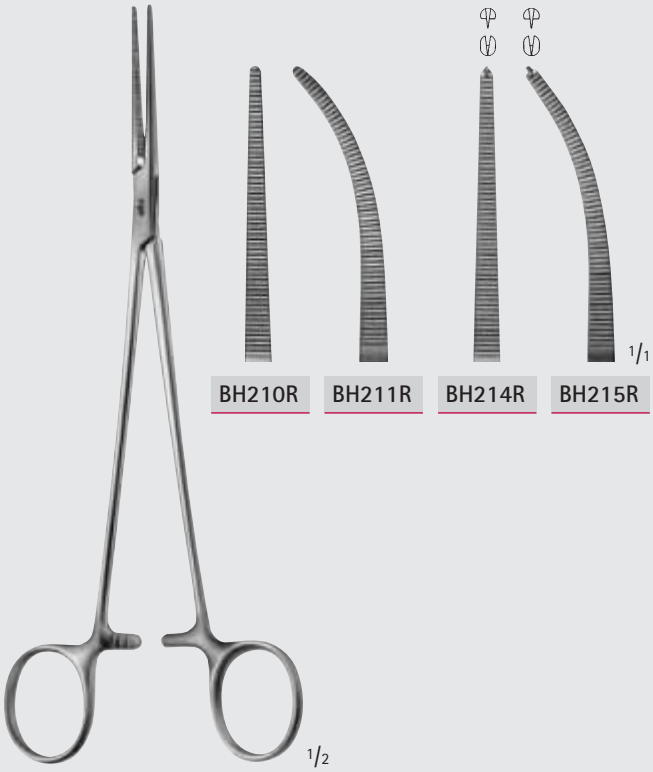
BH202R–BH213R

185 mm, 7 1/4"

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

Delicate Hemostatic Forceps



HALSTED-MOSQUITO

BH210R–BH215R

200 mm, 8"

JACOBSON

BH187R

190 mm, 7 1/2"

ADSON

BH205R

215 mm, 8 1/2"

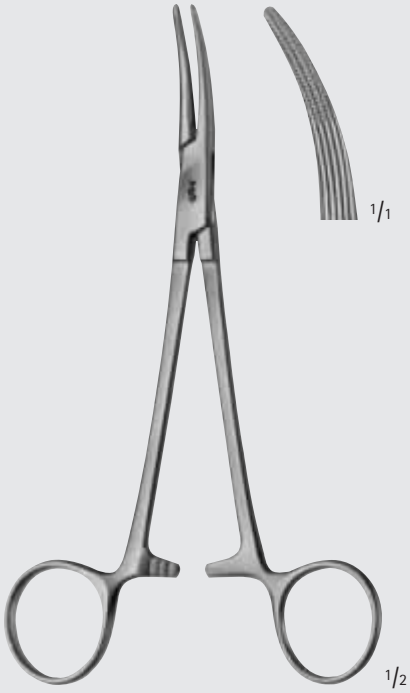
FRASER-KELLY (CRILE)

BH183R

180 mm, 7"

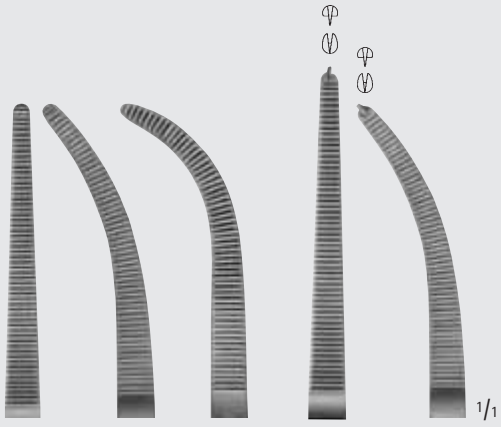
DUNHILL

BH191R
190 mm, 7 1/2"



GREY-TURNER

BH193R
180 mm, 7"



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

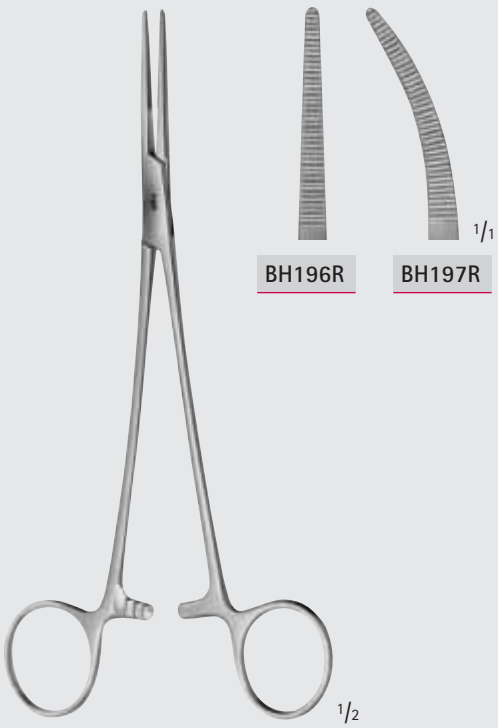
HEISS

BH206R–BH217R

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

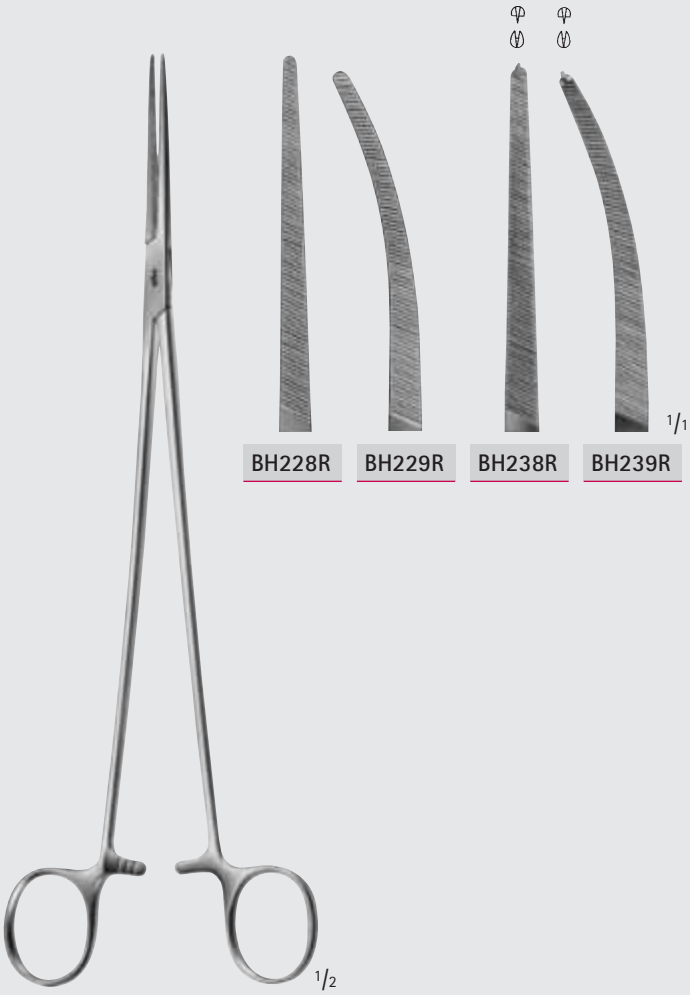
Delicate Hemostatic Forceps



BIRKETT

BH196R-BH197R

185 mm, 7 1/4"



BENGOLEA

BH228R-BH239R

245 mm, 9 3/4"

BH224R BH234R

SAROT

BH224R-BH234R

240 mm, 9 1/2"

CRAFOORD

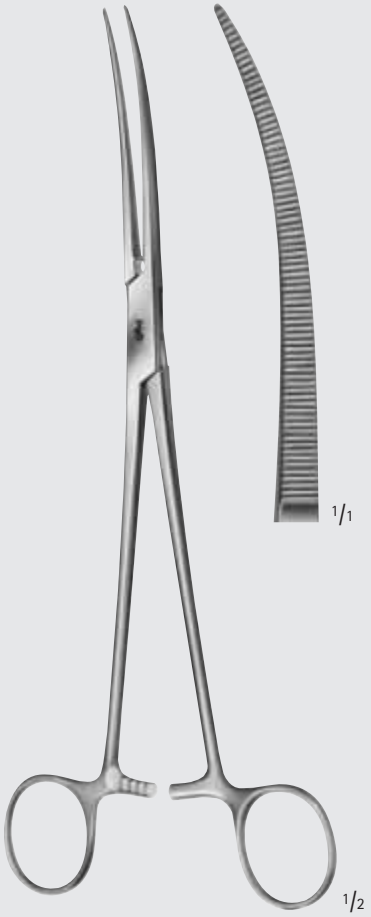
BH225R

245 mm, 9 3/4"

Arterienklemmen – Hemostatic Forceps

Feine Arterienklemmen

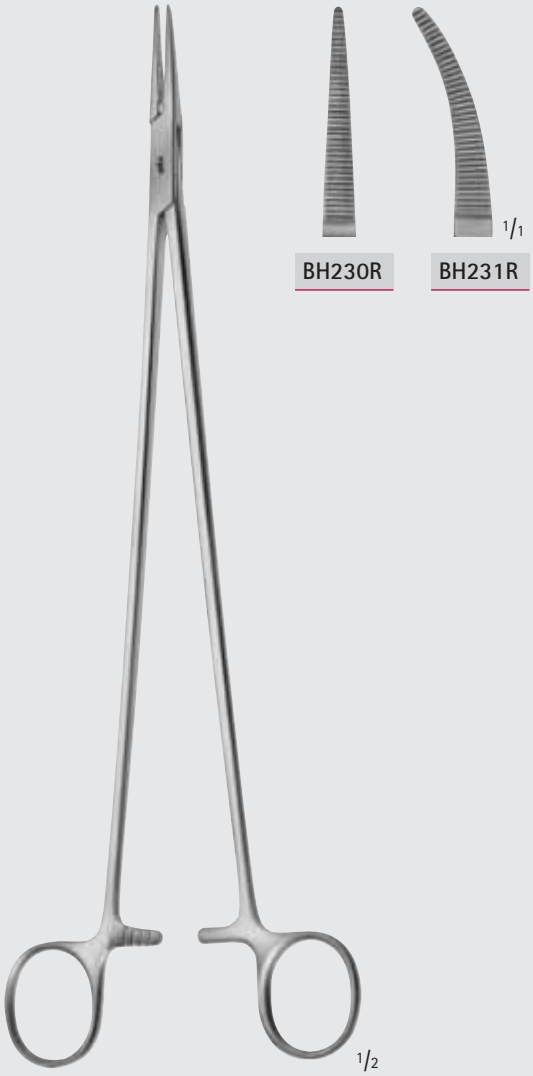
Delicate Hemostatic Forceps



CRAFOORD, MOD.

BH227R

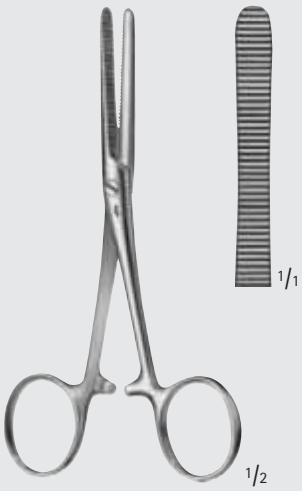
240 mm, 9 1/2"



BRIDGE

BH230R-BH231R

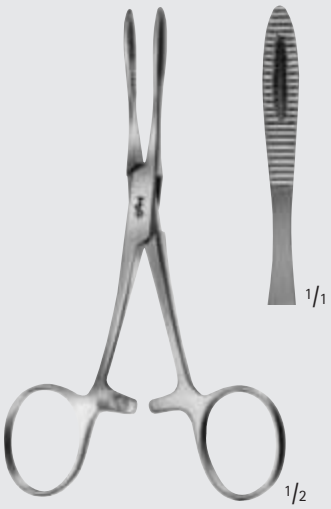
275 mm, 10 3/4"



PEAN

BH410R

125 mm, 5"



KRÖNLEIN

BH300R

130 mm, 5 1/8"

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

PEAN

BH302R–BH304R

PEAN

BH312R

125 mm, 5"

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

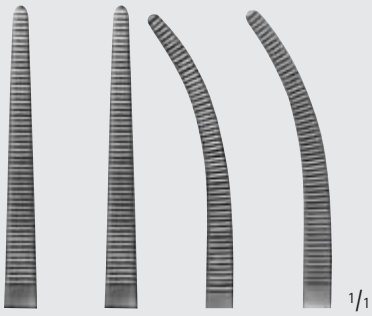
PEAN

BH316R–BH318R

Arterienklemmen – Hemostatic Forceps

Arterienklemmen

Hemostatic Forceps



1/1

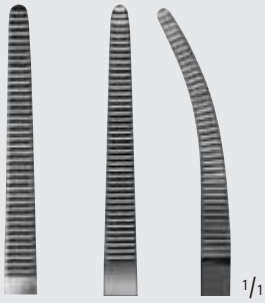
BH412R	BH414R	BH413R	BH415R
130 mm	140 mm	130 mm	140 mm
5 1/8"	5 1/2"	5 1/8"	5 1/2"

PEAN

BH412R–BH415R

grazile Form

slender type

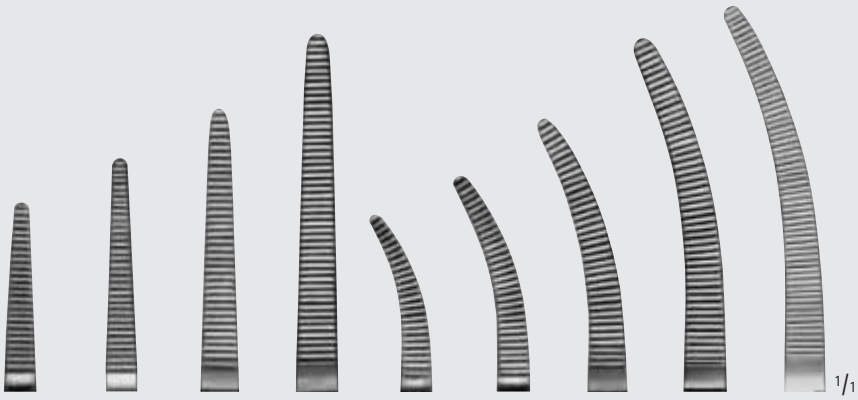


1/1

BH422R	BH424R	BH425R
130 mm	140 mm	140 mm
5 1/8"	5 1/2"	5 1/2"

PEAN

BH422R–BH425R

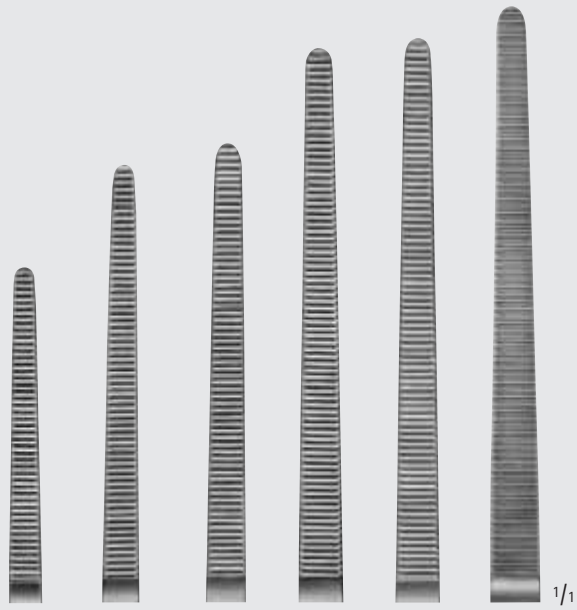


1/1

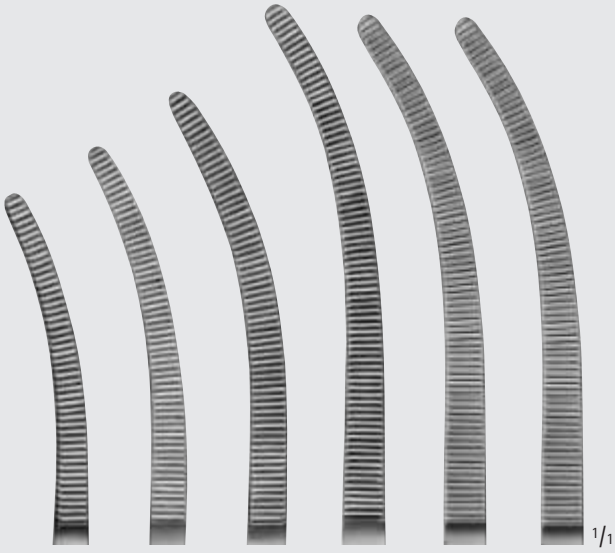
BH332R	BH334R	BH336R	BH338R	BH333R	BH335R	BH337R	BH339R	BH361R
130 mm	150 mm	175 mm	200 mm	130 mm	150 mm	175 mm	200 mm	230 mm
5 1/8"	6"	7"	8"	5 1/8"	6"	7"	8"	9"

SPENCER-WELLS

BH332R–BH361R



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"

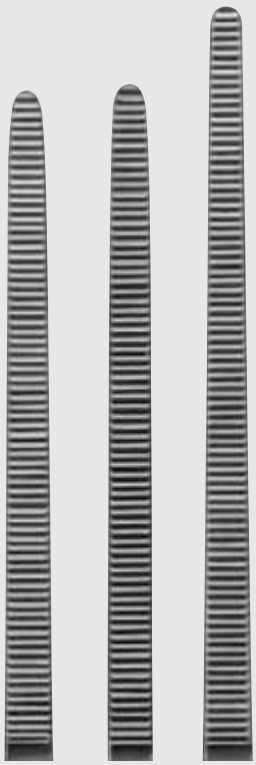
ROCHESTER-PEAN

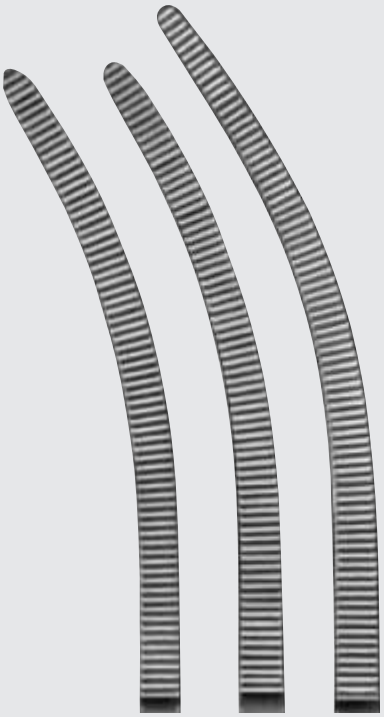
BH442R–BH457R

BH

PEAN

BH470R–BH475R

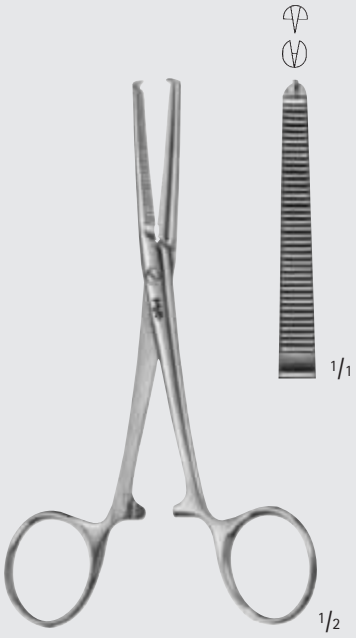




1/1

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"



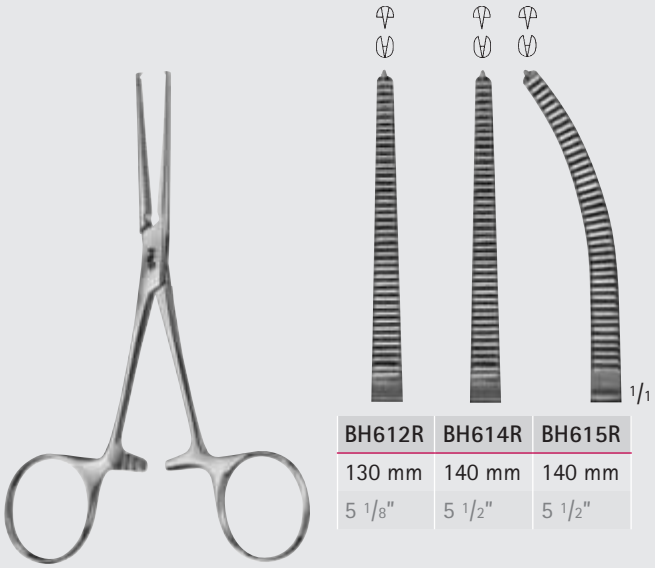
KOCHER

BH610R

kräftiges Modell

strong pattern

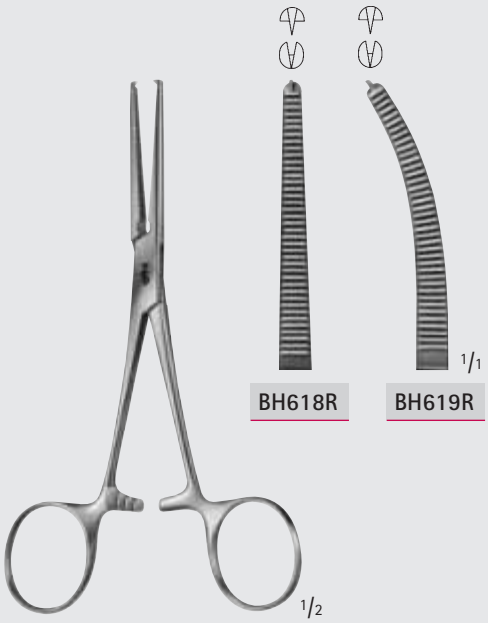
145 mm, 5 3/4"



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

KOCHER

BH612R-BH615R

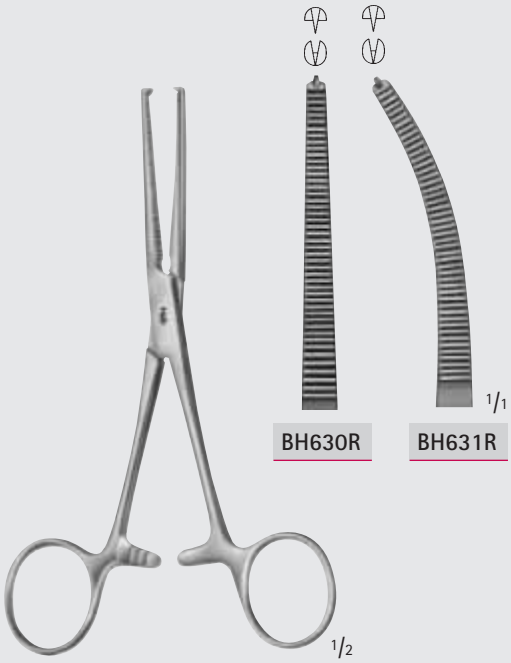


BH618R BH619R

ROCHESTER-OCHSNER

BH618R-BH619R

140 mm, 5 1/2"



BH630R BH631R

KOCHER

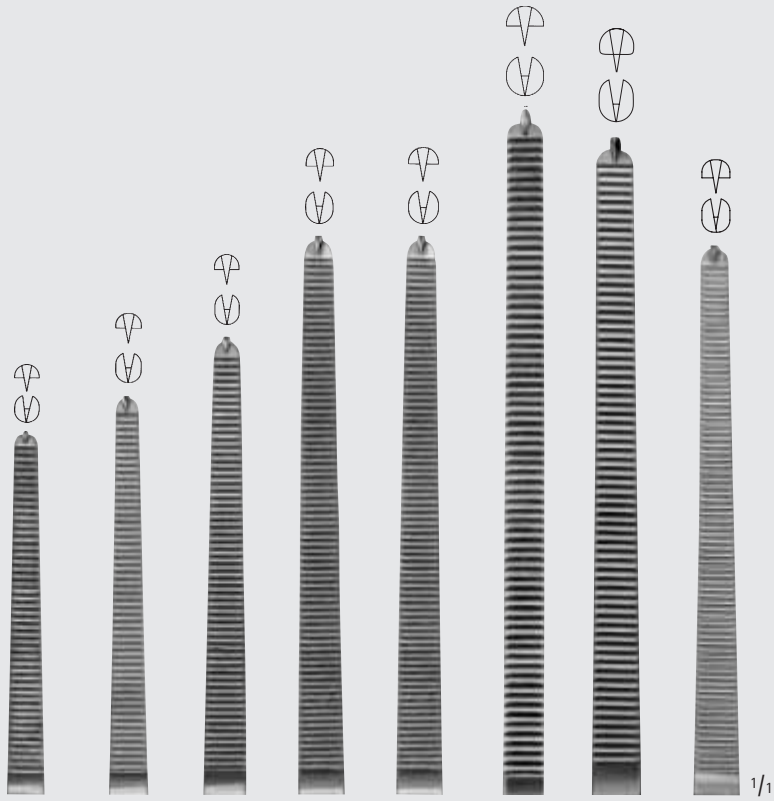
BH630R-BH631R

150 mm, 6"

Arterienklemmen – Hemostatic Forceps

Arterienklemmen

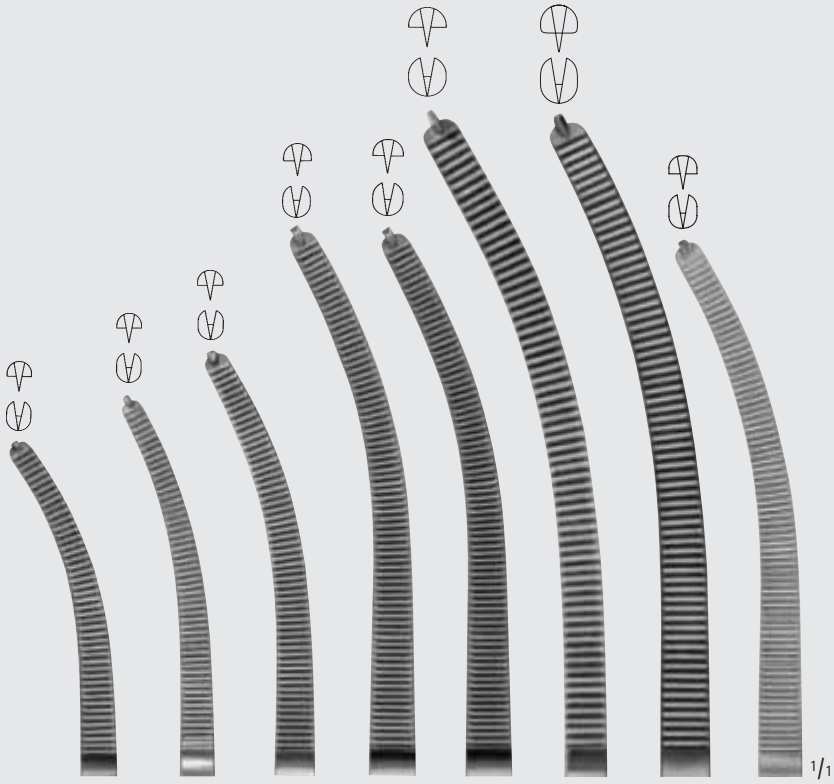
Hemostatic Forceps



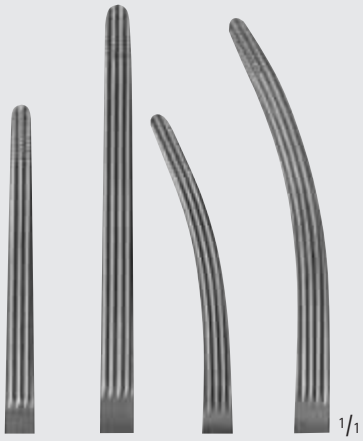
BH642R	BH644R	BH646R	BH648R	BH650R	BH652R	BH654R	BH658R
160 mm	185 mm	200 mm	225 mm	240 mm	260 mm	280 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	10 1/4"	11"	14"

KOCHER-OCHSNER

BH642R–BH659R



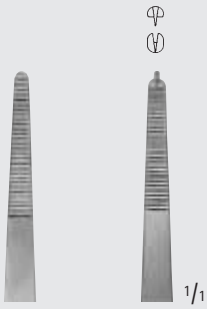
BH643R	BH645R	BH647R	BH649R	BH651R	BH653R	BH655R	BH659R
160 mm	185 mm	200 mm	225 mm	240 mm	260 mm	280 mm	350 mm
6 1/4"	7 1/4"	8"	9"	9 1/2"	10 1/4"	11"	14"



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

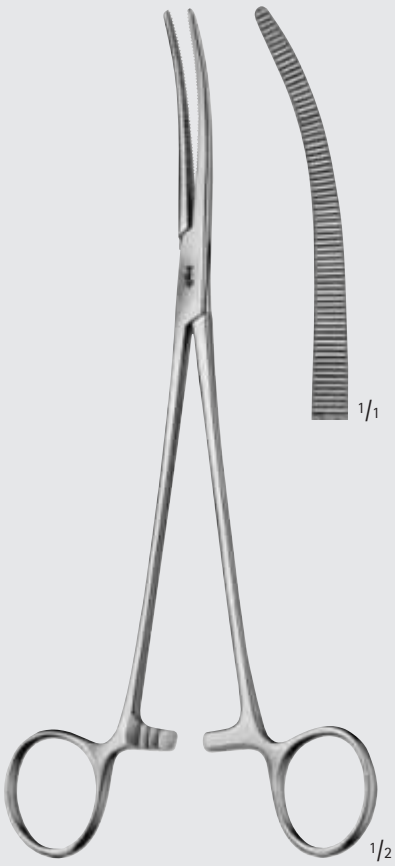
BH807R–BH808R

180 mm, 7"

Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Spezial-Modelle

Hemostatic Forceps, Special Patterns



ROBERTS

BH814R

225 mm, 9"

BH812R BH813R

ROBERTS

BH812R–BH813R

250 mm, 10"

SAROT

BH226R

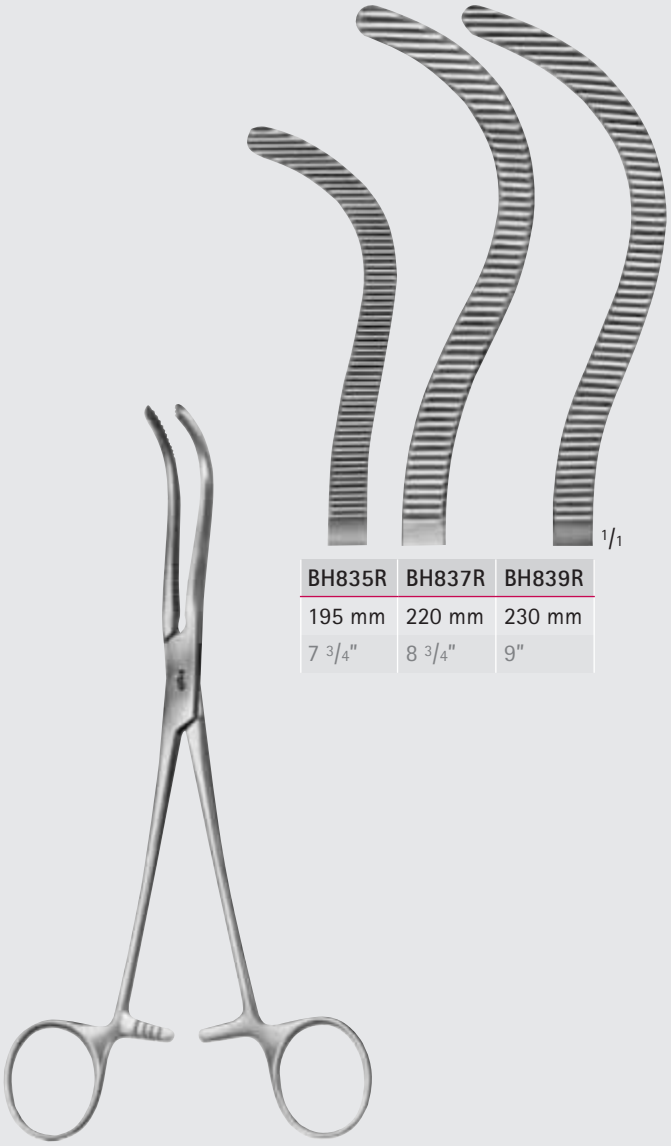
250 mm, 9 3/4"

1/1

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

MOYNIHAN

BH831R–BH833R



1/1

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

PEAN

BH835R–BH839R

Arterienklemmen – Hemostatic Forceps

Arterienklemmen, Tonsillenklemmen

Hemostatic Forceps, Tonsil Forceps

SCHNIDT

BH957R–BH959R

185 mm, 7 1/4"

SCHNIDT

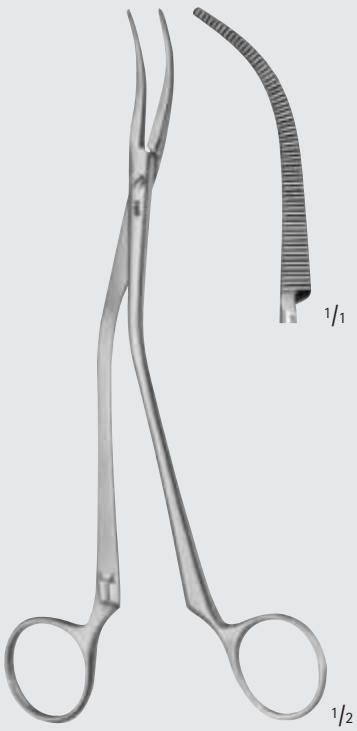
BH961R–BH963R

185 mm, 7 1/4"

NEGUS

BH951R–BH952R

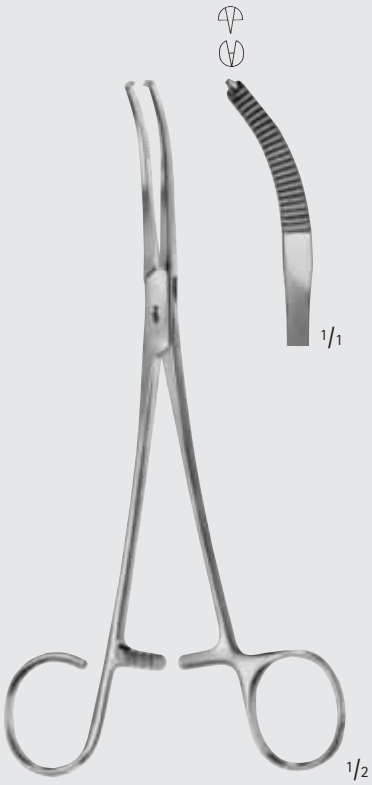
190 mm, 7 1/2"



WILSON

BH965R

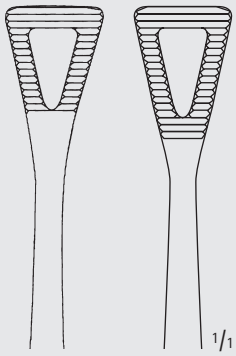
190 mm, 7 1/2"



MIKULICZ

BH949R

185 mm, 7 1/4"



BH902R	EA037R
155 mm	200 mm
6"	8"

PENNINGTON

BH902R–EA037R

COLLIN

BH906R

160 mm, 6 1/4"

COLLIN

AN709R

170 mm, 6 3/4"

COLLIN

BH908R

160 mm, 6 1/4"

BJ

Präparier- und Ligaturklemmen, Hysterektomieklemmen

Dissecting- and Ligature Forceps, Hysterectomy Clamps

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

glattes Maul

smooth jaw

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"

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

BABY-MIXTER

BJ011R-BJ012R

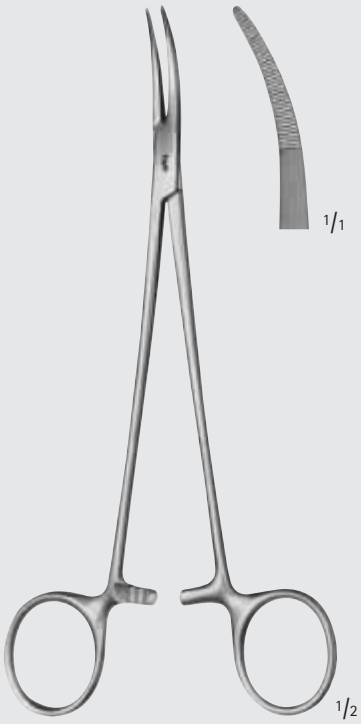
BJ013R	BJ014R
140 mm	180 mm
5 1/2"	7"

BABY-ADSON

BJ013R-BJ014R

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

MD569-MD570R



NISSEN

BH199R

185 mm, 7 1/4"

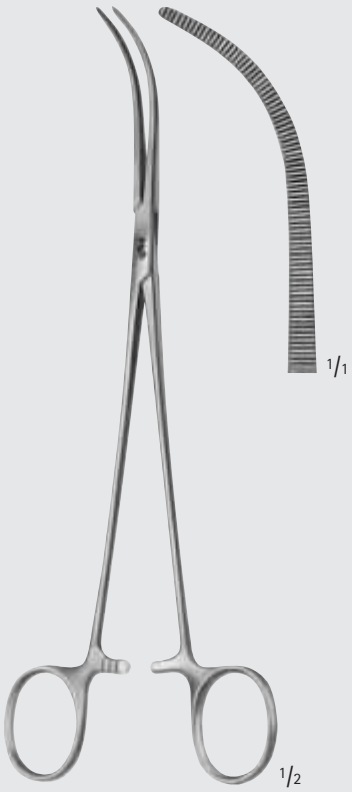
BJ015R	BJ016R	BJ017R	BJ018R
185 mm	210 mm	215 mm	220 mm
7 1/4"	8 1/4"	8 1/2"	8 3/4"

BJ015R-BJ018R

S-förmig gebogen, grazil

S-shaped, delicate

BJ



OVERHOLT-MIXTER

BJ019R
205 mm, 8"

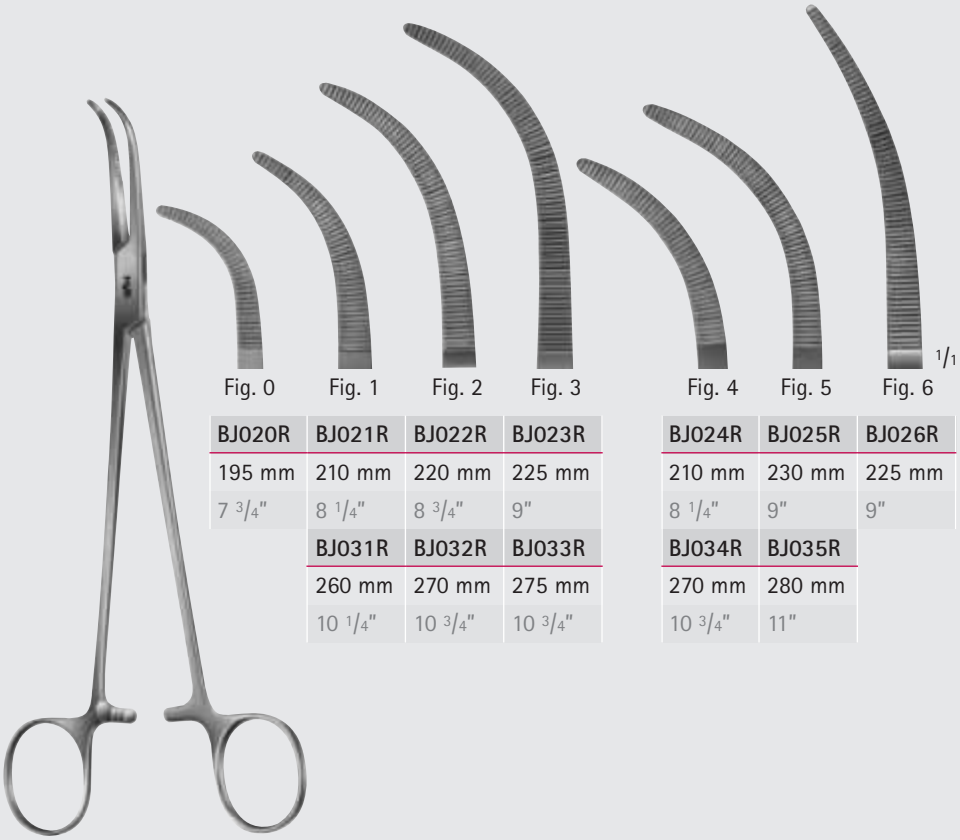
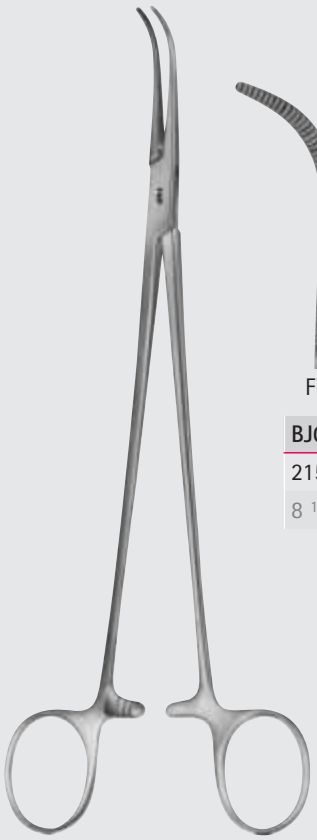


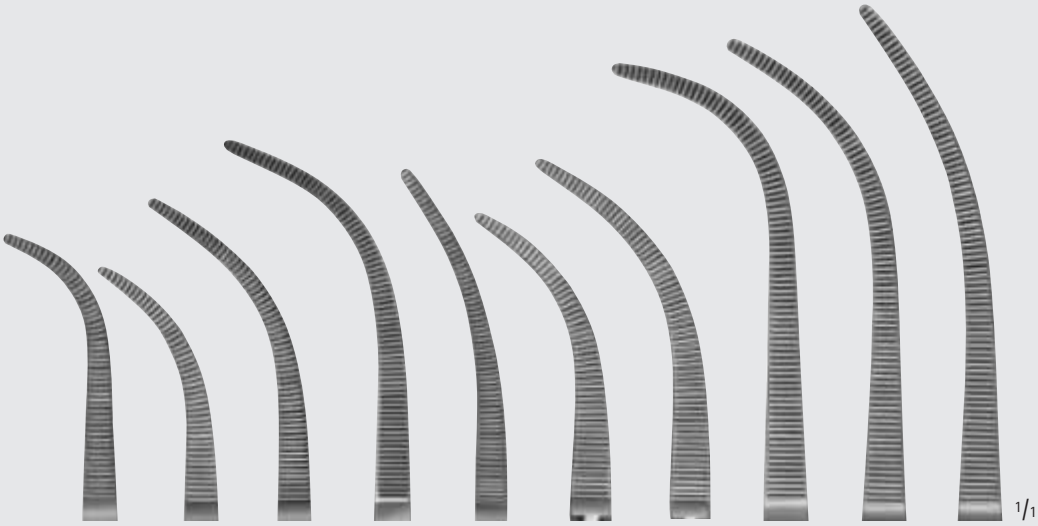
Fig. 0 Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6

BJ020R	BJ021R	BJ022R	BJ023R	BJ024R	BJ025R	BJ026R
195 mm	210 mm	220 mm	225 mm	210 mm	230 mm	225 mm
7 3/4"	8 1/4"	8 3/4"	9"	8 1/4"	9"	9"
	BJ031R	BJ032R	BJ033R	BJ034R	BJ035R	
	260 mm	270 mm	275 mm	270 mm	280 mm	
	10 1/4"	10 3/4"	10 3/4"	10 3/4"	11"	

OVERHOLT-GEISSENDOERFER

BJ020R–BJ035R





1/1

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"

OVERHOLT

BJ080R–BJ114R

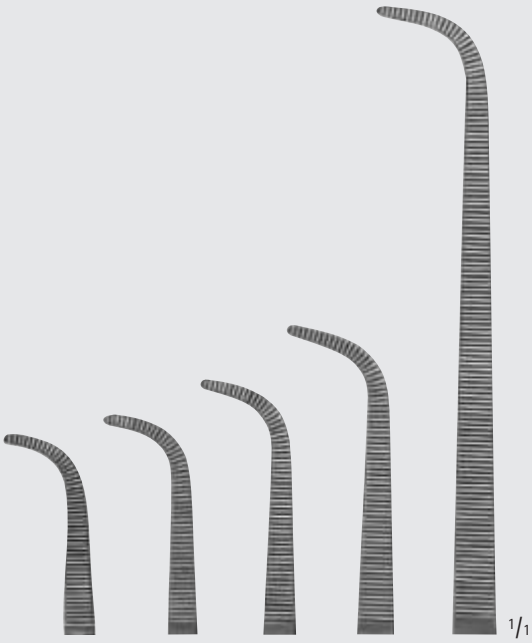
feine Ausführung

delicate pattern

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps



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

MIXTER-O'SHAUGNESSY

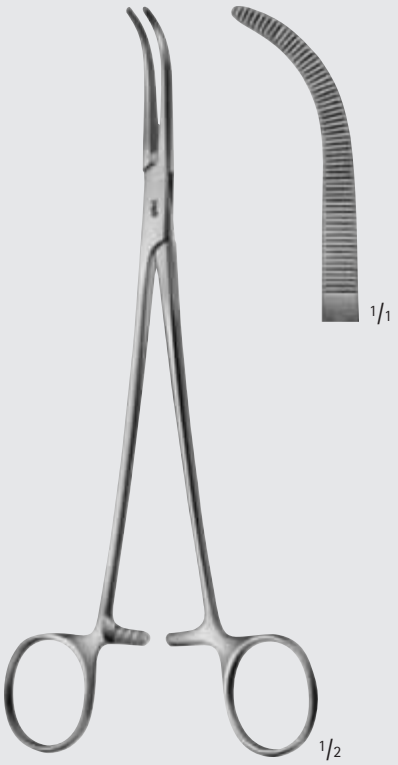
BJ050R

190 mm, 7 1/2"

O'SHAUGNESSY

BJ067R

220 mm, 8 3/4"



HEISS

BH209R

195 mm, 7 3/4"

WIKSTROEM

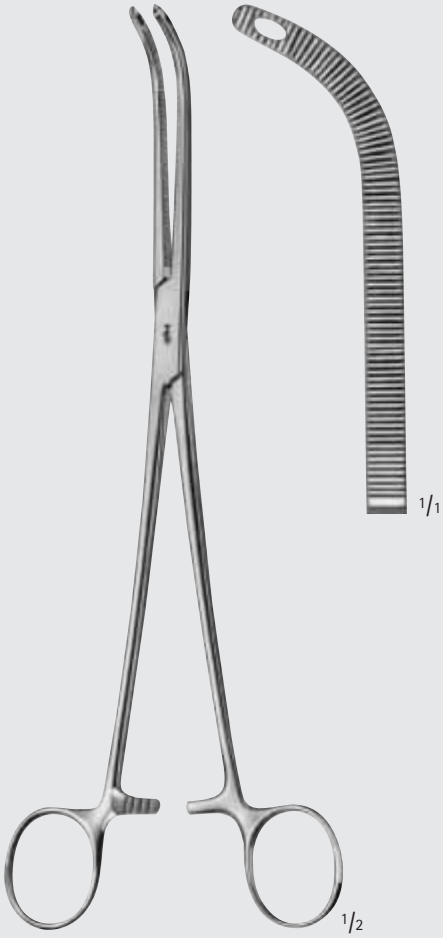
BJ051R

205 mm, 8"

RUMEL

BJ041R–BJ045R

240 mm, 9 1/2"



FINOCHIETTO

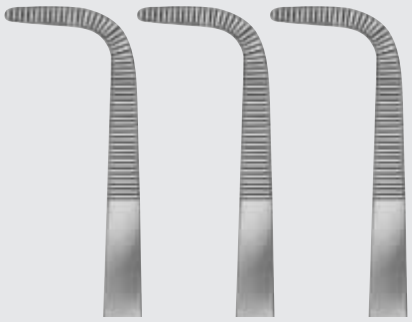
BJ052R

245 mm, 9 3/4"

Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps



1/1

BJ057R	BJ058R	BJ059R
200 mm	240 mm	275 mm
8"	9 1/2"	10 3/4"

KANTROWITZ

BJ057R-BJ059R

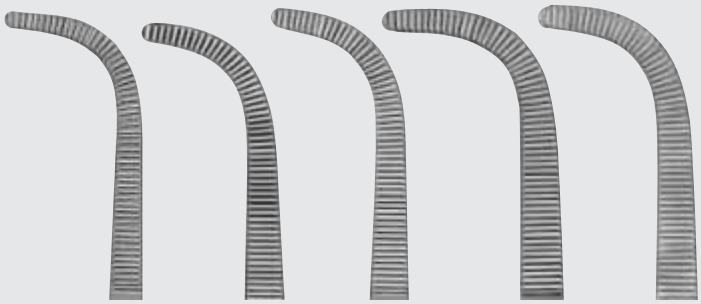
1/1

BJ029R	BJ110R
extra fein	fein
extra delicate	delicate

BARRE

BJ029R-BJ110R

280 mm, 11"



1/1

BJ120R	BJ121R	BJ122R	BJ123R	BJ124R
150 mm	180 mm	200 mm	230 mm	255 mm
6"	7"	8"	9"	10"

O'SHAUGHNESSY

BJ120R-BJ124R

MIXTER

BJ055R

230 mm, 9"

LAWRENCE

BJ070R

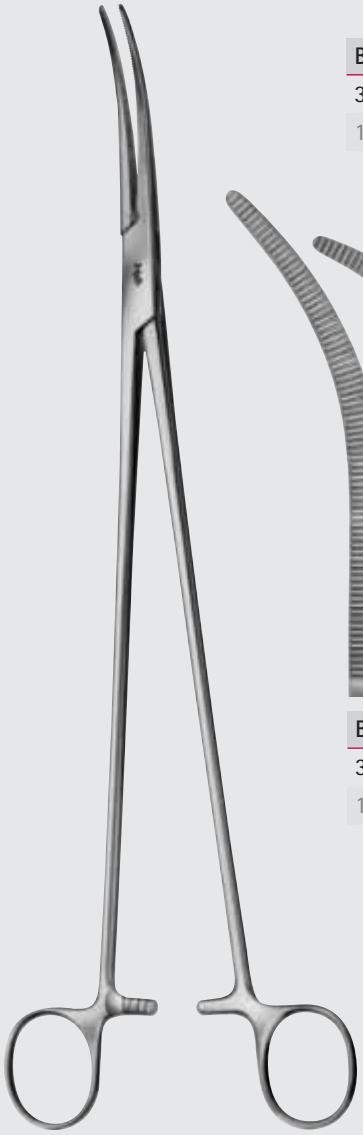
270 mm, 10 3/4"

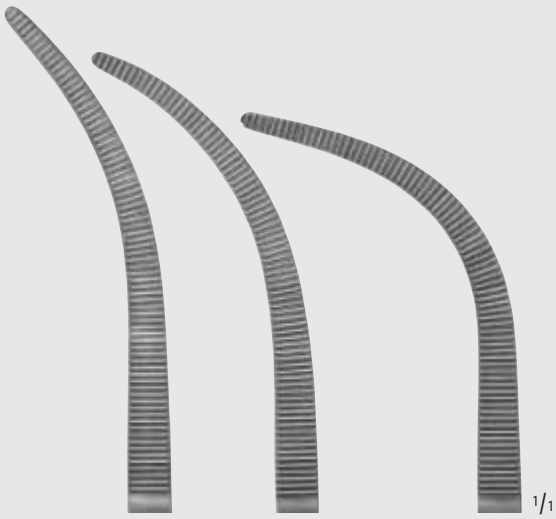
Klemmen – Forceps

Präparier- und Ligaturklemmen

Dissecting- and Ligature Forceps

BJ047R	BJ048R
300 mm	290 mm
12"	11 1/2"



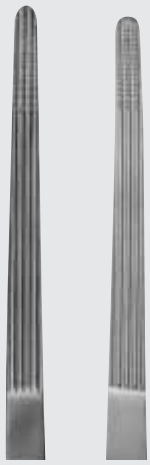


1/1

BJ130R	BJ131R	BJ132R
350 mm	350 mm	350 mm
14"	14"	14"

ZENKER

BJ047R–BJ132R



1/1

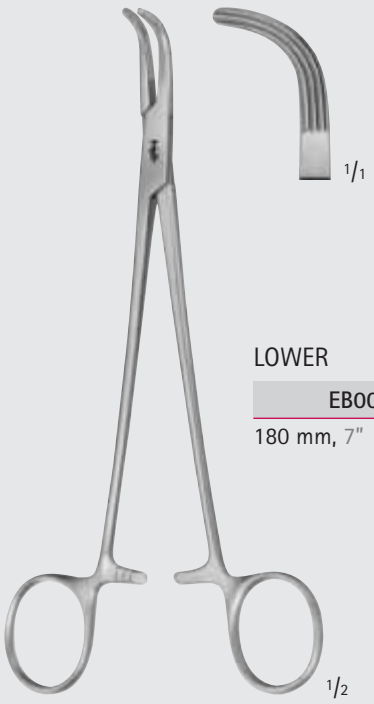
BJ075R	BJ076R
235 mm	350 mm
9 1/4"	14"

KIEBACK

BJ075R–BJ076R

Ureter-Tunnelier-Klemme, aufgebogen

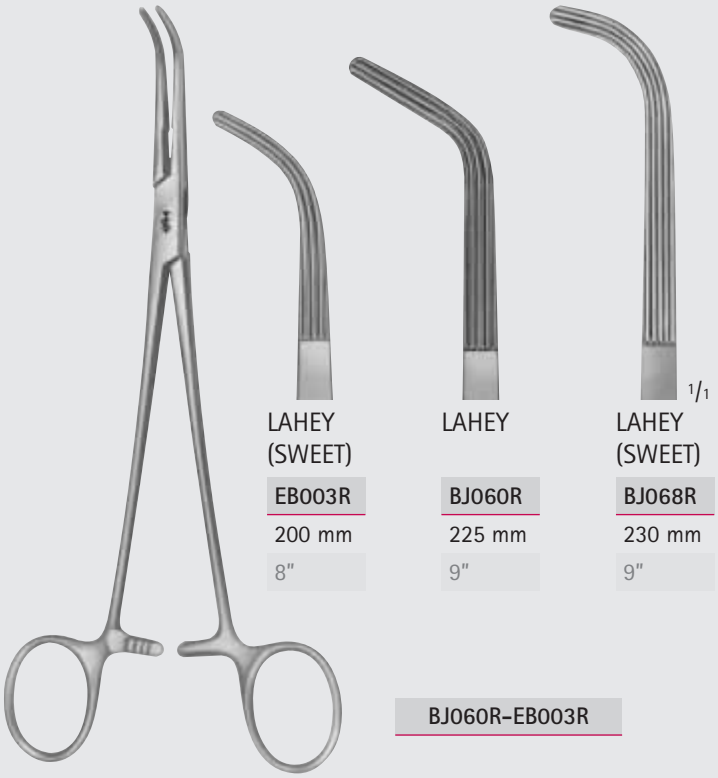
Ureteral tunnel clamp curved on flat



LOWER

EB001R

180 mm, 7"



LAHEY (SWEET)	LAHEY	LAHEY (SWEET)
EB003R	BJ060R	BJ068R
200 mm	225 mm	230 mm
8"	9"	9"

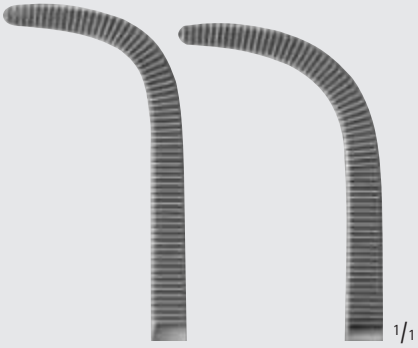
BJ060R–EB003R

BJ061R	BJ062R	BJ073R
220 mm	250 mm	290 mm
8 3/4"	10"	11 1/2"

MIXTER

BJ061R–BJ073R

BJ

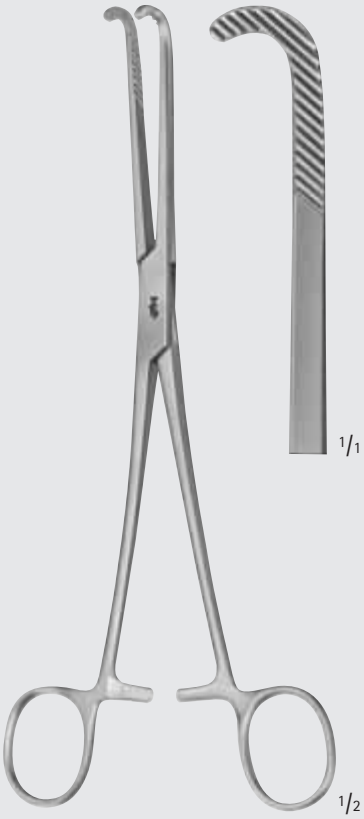


EB011R EB012R

DESJARDINS

EB008R

210 mm, 8 1/4"



NISSEN

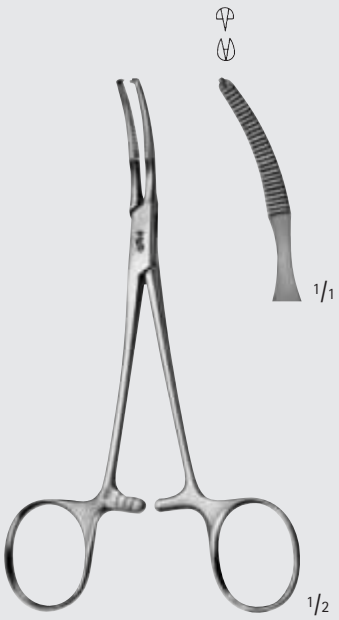
EB009R

215 mm, 8 1/2"

GRAY

EB011R–EB012R

220 mm, 8 3/4"



BABY-MIKULICZ

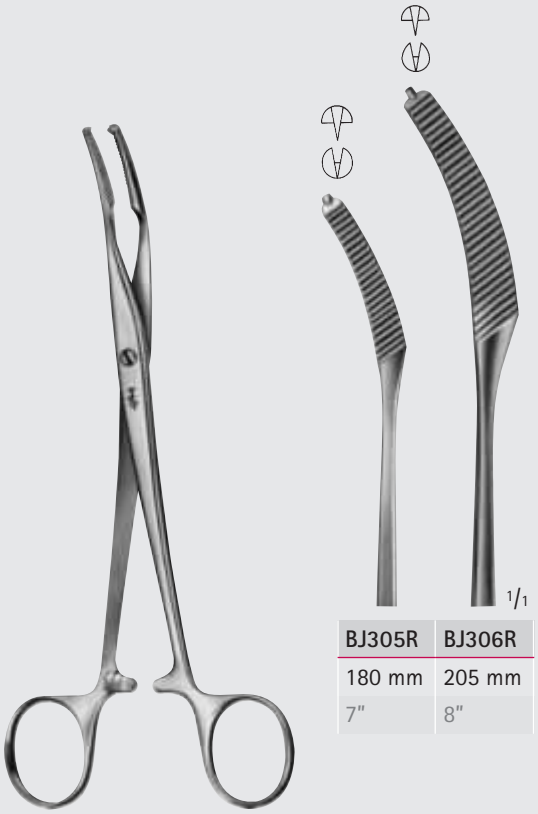
BJ300R

140 mm, 5 1/2"

MIKULICZ

BJ304R

185 mm, 7 1/4"



BJ305R	BJ306R
180 mm	205 mm
7"	8"

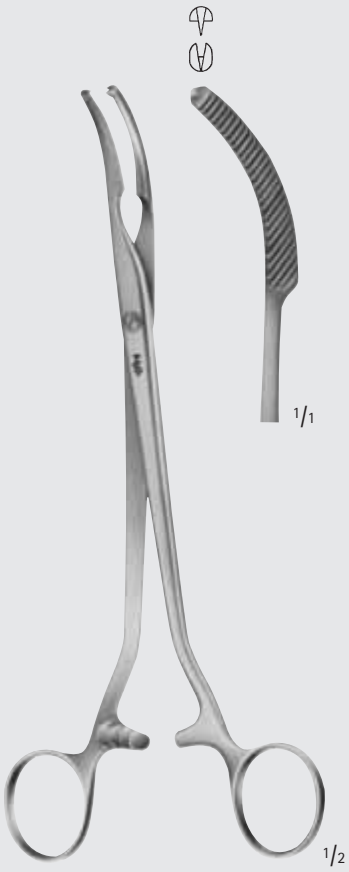
MIKULICZ

BJ305R–BJ306R

MIKULICZ

BJ308R

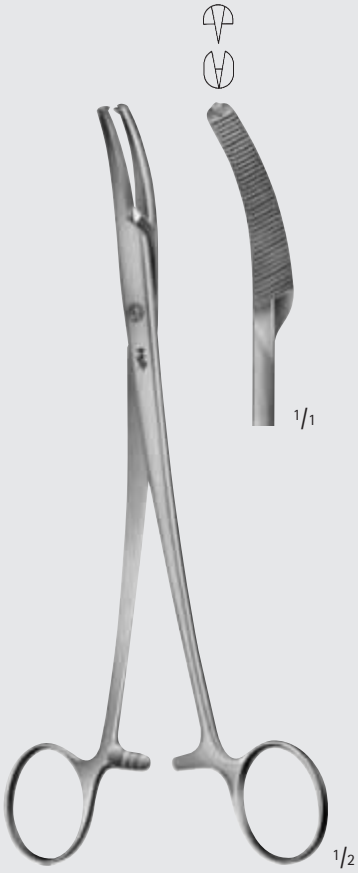
205 mm, 8"



MIKULICZ

BJ309R

205 mm, 8"



MIKULICZ

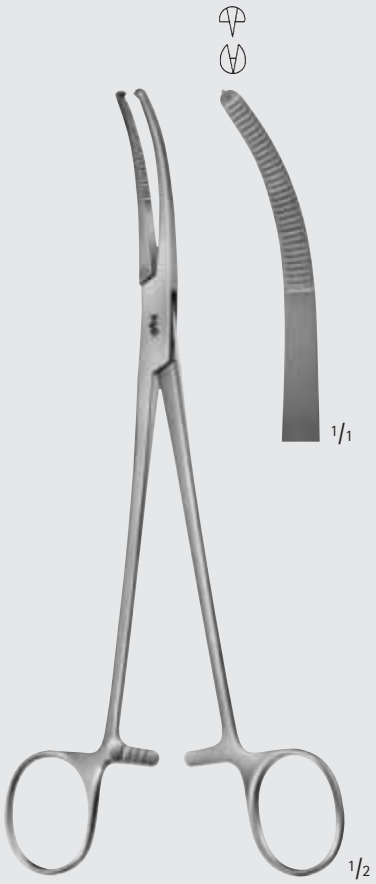
BJ310R

200 mm, 8"

MIKULICZ

BJ312R

245 mm, 9 3/4"



MIKULICZ

BJ313R

205 mm, 8"

MIKULICZ

BJ314R

205 mm, 8"

MIKULICZ

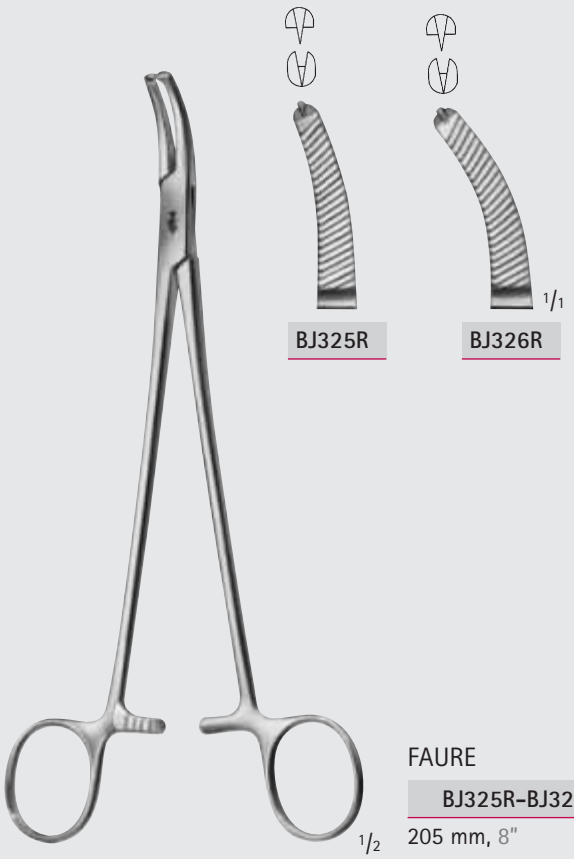
BJ315R

185 mm, 7 1/4"

Klemmen – Forceps

Hysterektomieklemmen

Hysterectomy Forceps



BJ325R

BJ326R

FAURE

BJ325R–BJ326R

205 mm, 8"

BJ500R

210 mm

8 1/4"

BJ501R

205 mm

8"

PHANEUF

BJ500R–BJ501R

BJ517R

205 mm

8"

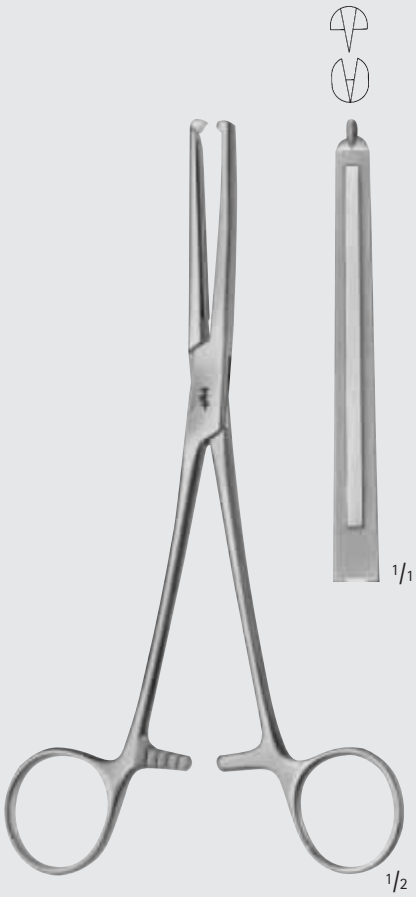
BJ519R

250 mm

10"

MAINGOT

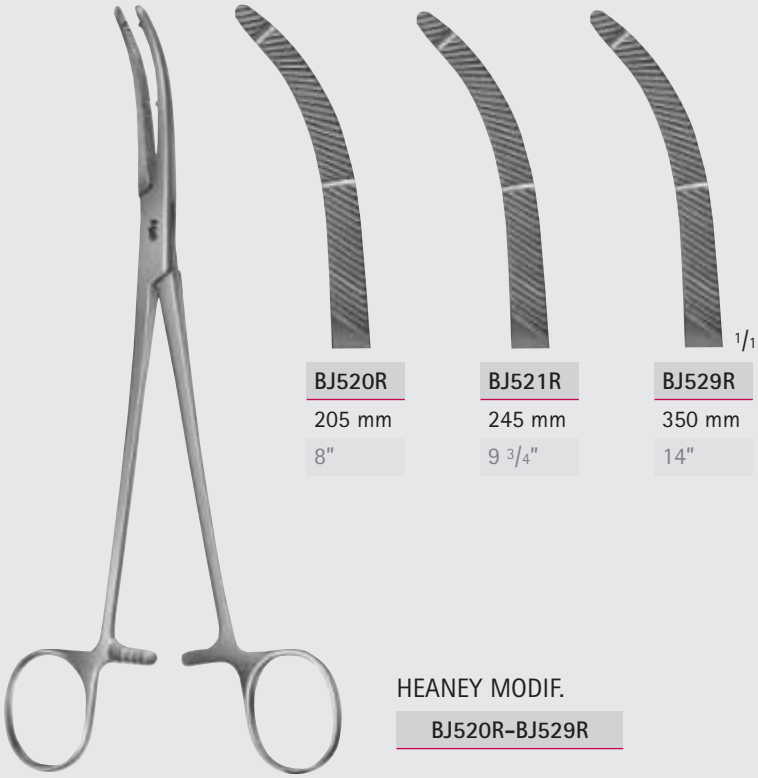
BJ517R–BJ519R



MAINGOT

BJ536R

200 mm, 8"



BJ520R	BJ521R	BJ529R
205 mm	245 mm	350 mm
8"	9 3/4"	14"

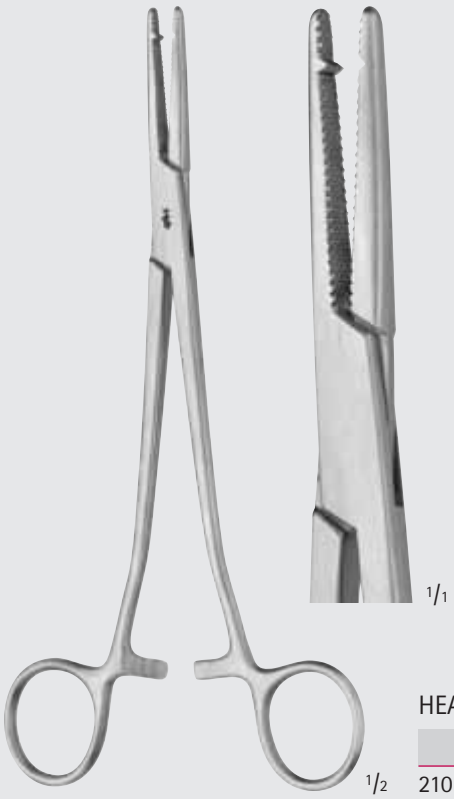
HEANEY MODIF.

BJ520R–BJ529R

HEANEY

BJ522R

195 mm, 7 3/4"

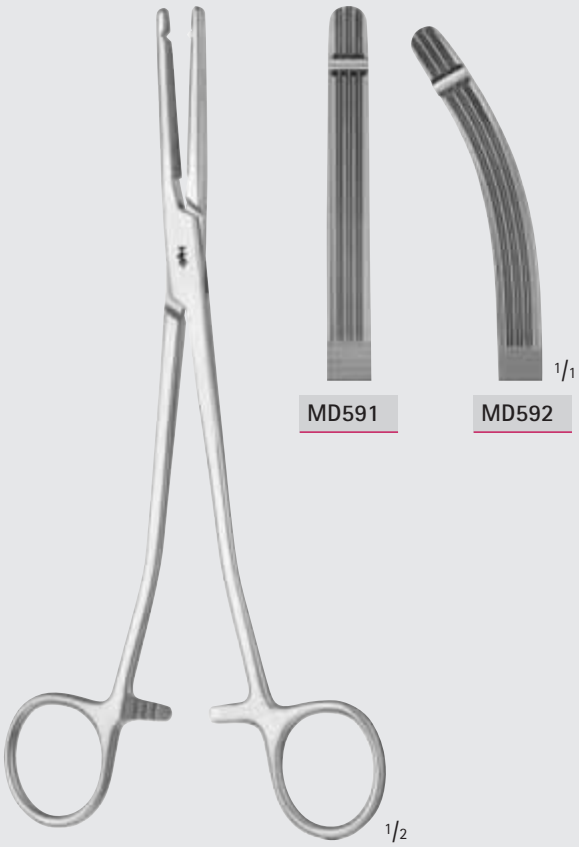


HEANEY-REZEK

BJ524R

210 mm, 8 1/4"

BJ



MD591 MD592

HEANEY-BALLENTINE

MD591-MD592

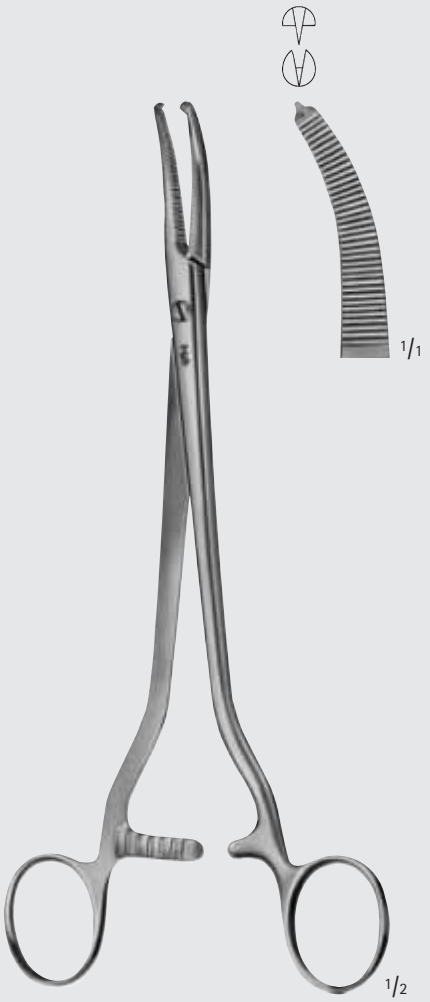
215 mm, 8 1/2"

BJ526R
220 mm
8 3/4"

BJ527R
240 mm
9 1/2"

WIENER MODELL

BJ526R-BJ527R



WERTHEIM

BJ506R

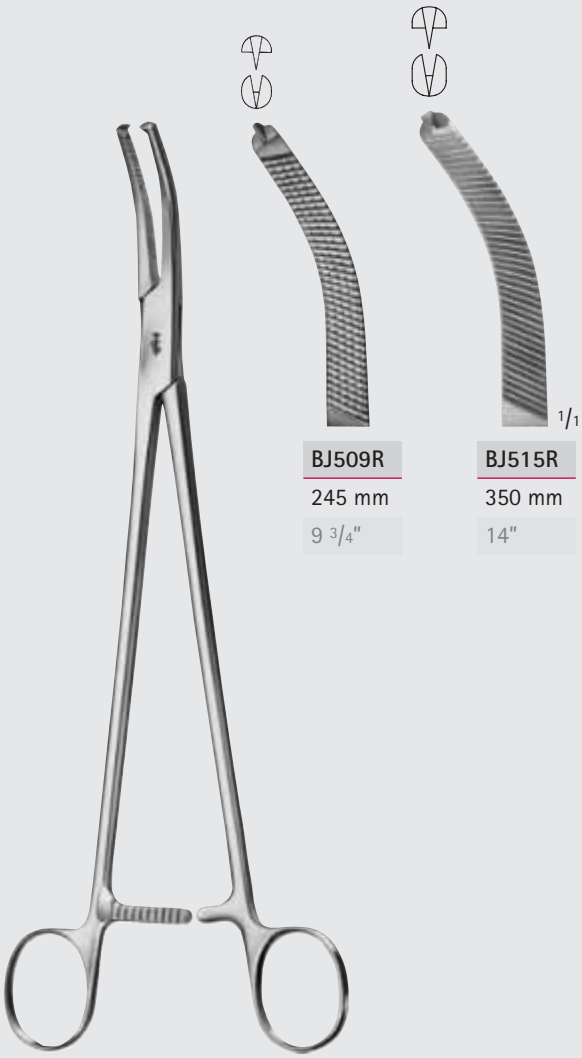
235 mm, 9 1/4"

WERTHEIM

BJ507R

235 mm, 9 1/4"

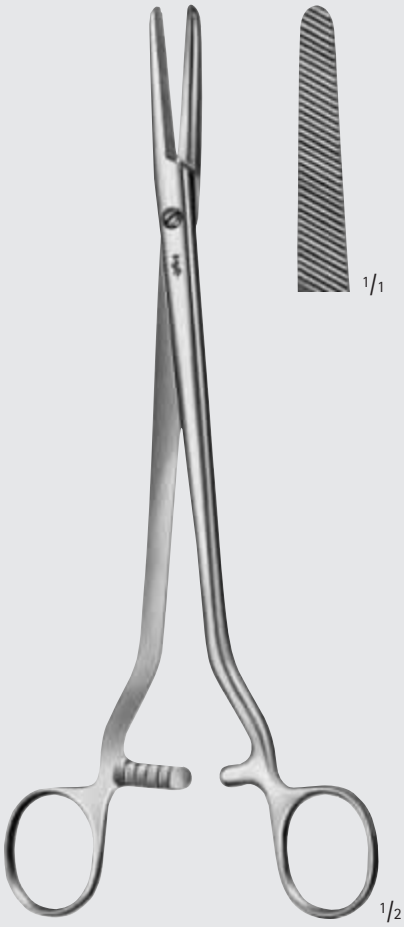
BJ



BJ509R	BJ515R
245 mm	350 mm
9 3/4"	14"

WERTHEIM

BJ509R–BJ515R



SEGOND-LANDAU

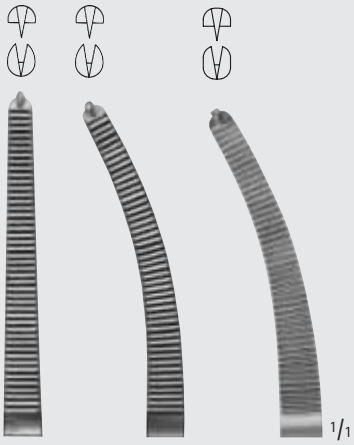
BJ540R

240 mm, 9 1/2"

SEGOND

BJ541R

240 mm, 9 1/2"



BJ510R	BJ511R	BJ528R
245 mm	245 mm	350 mm
9 3/4"	9 3/4"	14"

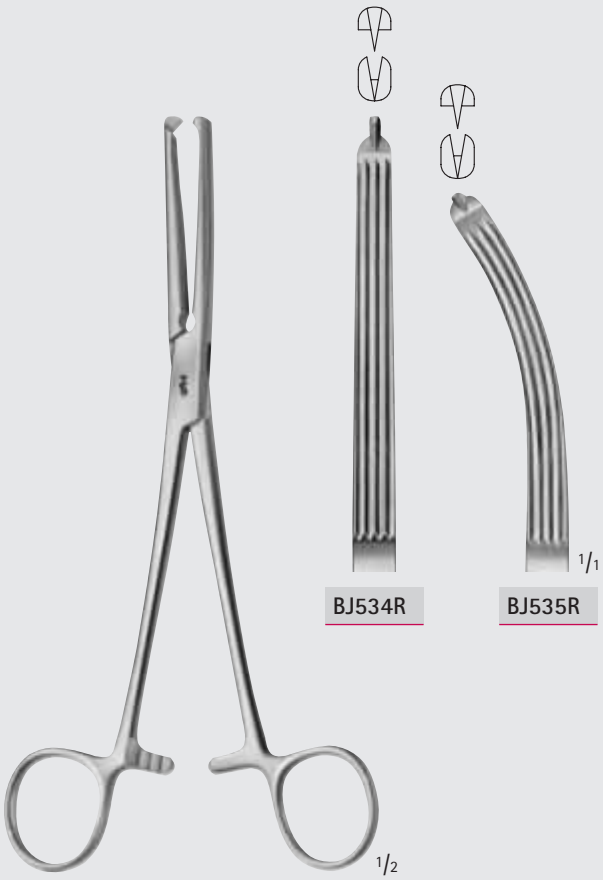
HOLZBACH

BJ510R–BJ528R

Klemmen – Forceps

Hysterektomie- und Arterienklemmen

Hysterectomy- and Hemostatic Forceps



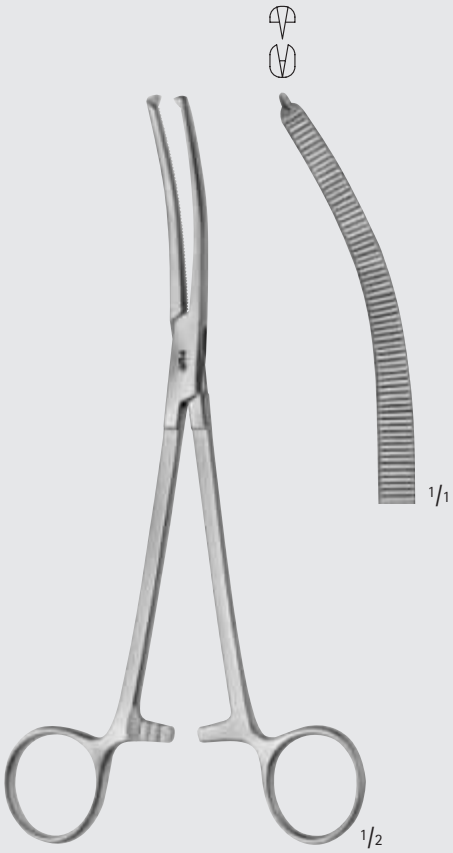
BJ534R

BJ535R

GWILLIAM

BJ534R–BJ535R

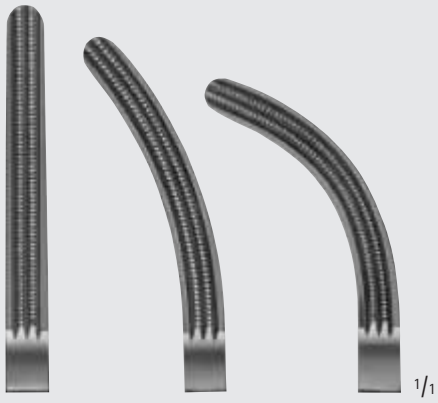
200 mm, 8"



BERKELEY-BONNEY

BJ537R

200 mm, 8"



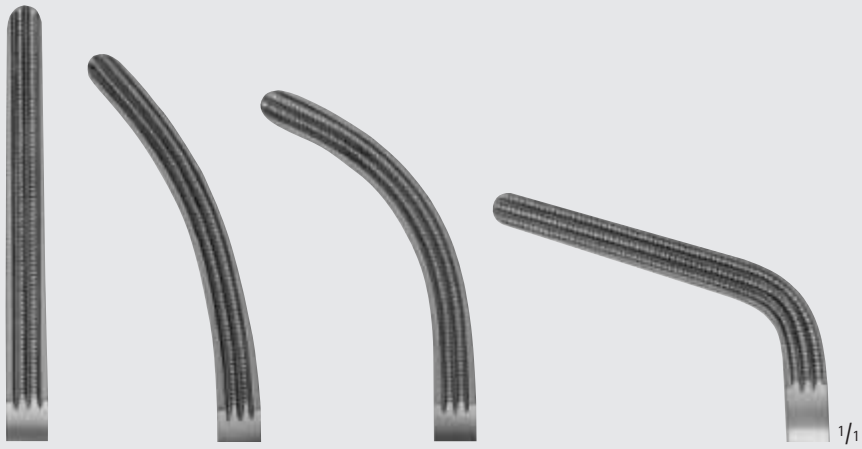
BJ530R	BJ531R	BJ532R
225 mm	220 mm	215 mm
9"	8 3/4"	8 1/2"

HEANEY

BJ530R–BJ532R

WERTHEIM

BJ550R–BJ553R



BJ550R	BJ551R	BJ552R	BJ553R
250 mm	245 mm	240 mm	220 mm
10"	9 3/4"	9 1/2"	8 3/4"

1/1

Klemmen – Forceps

Hysterektomie- und Vaginalklemmen

Hysterectomy Forceps and Vaginal Clamps

BJ582R
250 mm
10"

BJ584R
350 mm
14"

BJ583R
250 mm
10"

1/1

BJ585R
350 mm
14"

WERTHEIM

BJ582R–BJ585R

BJ

WERTHEIM

BJ574R

255 mm, 10"

WERTHEIM

BJ576R

260 mm, 10 1/4"

BURKE

BJ560R–BJ562R

Parametriumklemme, kurzes Maul

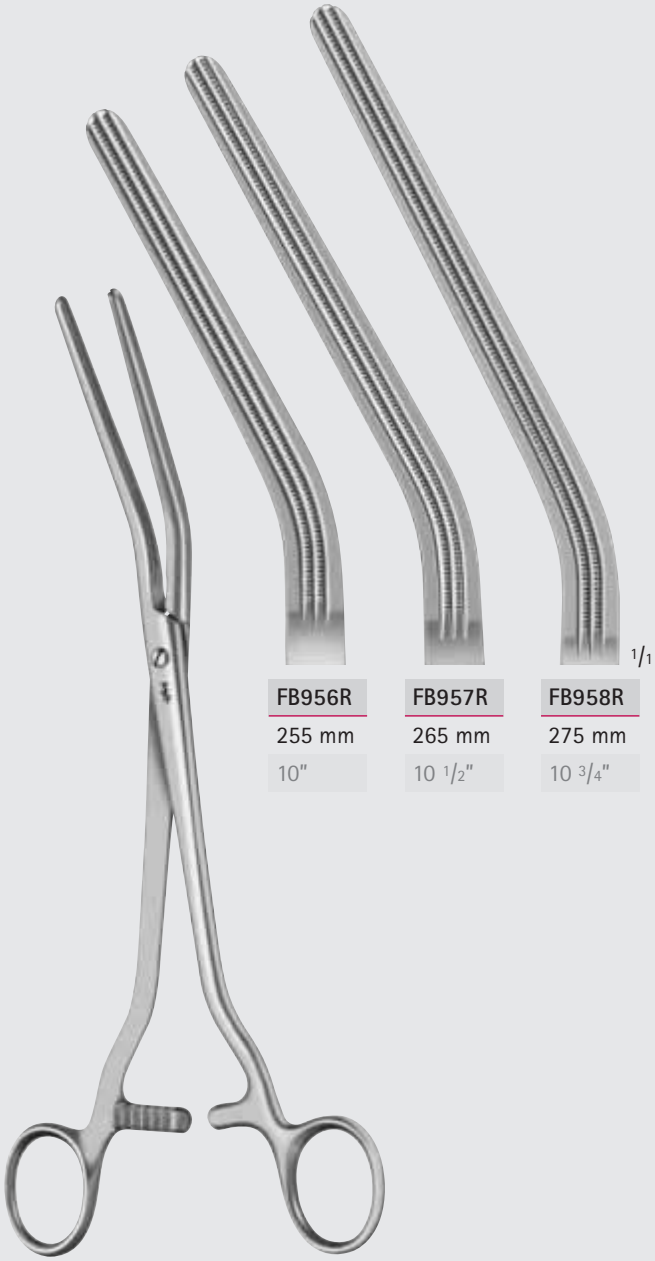
Parametrium clamp, short jaw part

BURKE

BJ561R–BJ563R

Parametriumklemme, langes Maul

Parametrium clamp, long jaw part



FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

DICK

FB956R–FB958R

WERTHEIM

BJ581R

250 mm, 10"

WERTHEIM-CULLEN

BJ579R

215 mm, 8 1/2"

FB954R
60 mm

FB955R
80 mm

FB954R–FB955R

230 mm, 9"

BL

Nähnadeln, Nadeldosen
Surgical Needles, Needle Cases

Nähnadeln, Nähdosen – Surgical Needles, Needle Cases

Chirurgische Nähnadeln

Surgical Needles

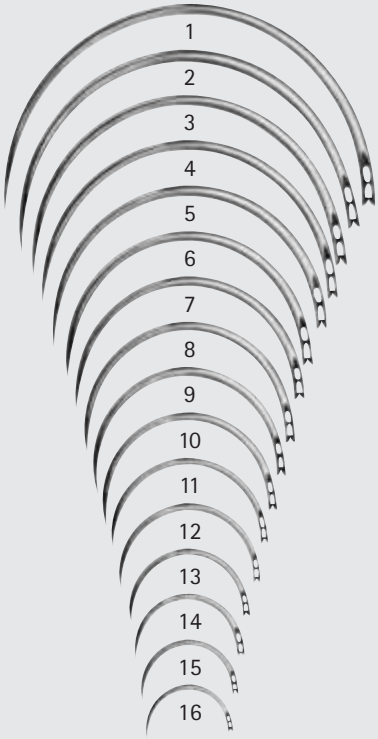


Fig.	●	Ø x Länge Diam. x length	▲	Ø x Länge Diam. x length	●	Ø x Länge Diam. x length	▲	Ø x Länge Diam. x length
000	BL058N	1,60 x 102 mm	BL098N	1,60 x 102 mm				
00	BL059N	1,60 x 94 mm	BL099N	1,60 x 94 mm				
0	BL060N	1,60 x 85 mm	BL100N	1,60 x 85 mm				
1	BL061N	1,40 x 80 mm	BL101N	1,40 x 80 mm	BL161N	1,40 x 80 mm	BL201N	1,40 x 80 mm
2	BL062N	1,40 x 73 mm	BL102N	1,40 x 73 mm	BL162N	1,40 x 73 mm	BL202N	1,40 x 73 mm
3	BL063N	1,30 x 68 mm	BL103N	1,30 x 68 mm	BL163N	1,30 x 68 mm	BL203N	1,30 x 68 mm
4	BL064N	1,30 x 63 mm	BL104N	1,30 x 63 mm	BL164N	1,30 x 63 mm	BL204N	1,30 x 63 mm
5	BL065N	1,20 x 58 mm	BL105N	1,20 x 58 mm	BL165N	1,20 x 58 mm	BL205N	1,20 x 58 mm
6	BL066N	1,10 x 54 mm	BL106N	1,10 x 54 mm	BL166N	1,10 x 54 mm	BL206N	1,10 x 54 mm
7	BL067N	1,10 x 50 mm	BL107N	1,10 x 50 mm	BL167N	1,10 x 50 mm	BL207N	1,10 x 50 mm
8	BL068N	1,00 x 46 mm	BL108N	1,00 x 46 mm	BL168N	1,00 x 46 mm	BL208N	1,00 x 46 mm
9	BL069N	1,00 x 42 mm	BL109N	1,00 x 42 mm	BL169N	1,00 x 42 mm	BL209N	1,00 x 42 mm
10	BL070N	0,90 x 38 mm	BL110N	0,90 x 38 mm	BL170N	0,90 x 38 mm	BL210N	0,90 x 38 mm
11	BL071N	0,80 x 34 mm	BL111N	0,80 x 34 mm	BL171N	0,80 x 34 mm	BL211N	0,80 x 34 mm
12	BL072N	0,70 x 30 mm	BL112N	0,70 x 30 mm	BL172N	0,70 x 30 mm	BL212N	0,70 x 30 mm
13	BL073N	0,70 x 27 mm	BL113N	0,70 x 27 mm	BL173N	0,70 x 27 mm	BL213N	0,70 x 27 mm
14	BL074N	0,70 x 23 mm	BL114N	0,70 x 23 mm	BL174N	0,70 x 23 mm	BL214N	0,70 x 23 mm
15	BL075N	0,60 x 20 mm	BL115N	0,60 x 20 mm	BL175N	0,60 x 20 mm	BL215N	0,60 x 20 mm
16	BL076N	0,60 x 18 mm	BL116N	0,60 x 18 mm	BL176N	0,60 x 18 mm	BL216N	0,60 x 18 mm

Nähnadeln
Bestelleinheit: **PAK** = Packung à 12 Stück
Suture needles
Sales unit: Package of 12 pieces

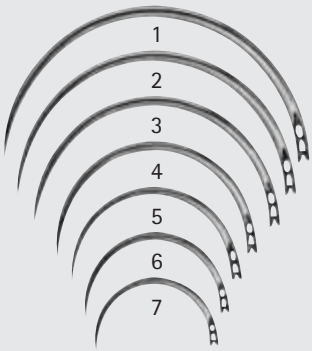
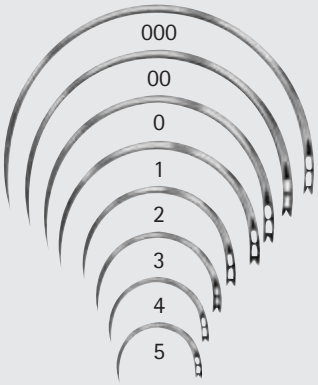


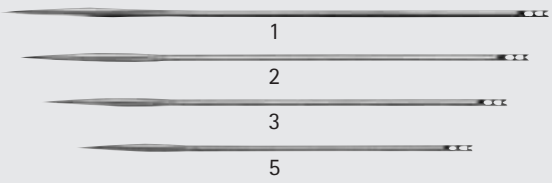
Fig.	●	Ø x Länge Diam. x length	▲	Ø x Länge Diam. x length
000				
00				
0				
1	BL231N	1,60 x 65 mm	BL251N	1,60 x 65 mm
2	BL232N	1,60 x 60 mm	BL252N	1,60 x 60 mm
3	BL233N	1,40 x 52 mm	BL253N	1,40 x 52 mm
4	BL234N	1,40 x 45 mm	BL254N	1,40 x 45 mm
5	BL235N	1,30 x 37 mm	BL255N	1,30 x 37 mm
6	BL236N	1,10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



●	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

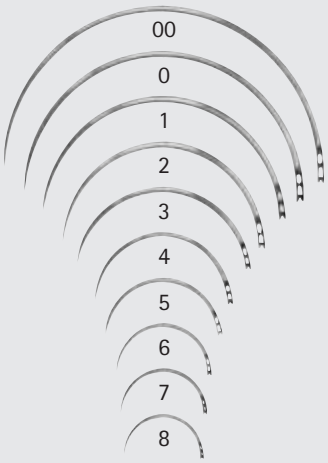
Fig.	▲	Ø x Länge Diam. x length
1	BL301N	0,80 x 75 mm
2	BL302N	0,80 x 70 mm
3	BL303N	0,80 x 65 mm
5	BL305N	0,70 x 55 mm

KEITH



BL

Nähnadeln
Bestelleinheit: **PAK** = Packung à 12 Stück
Suture needles
Sales unit: Package of 12 pieces

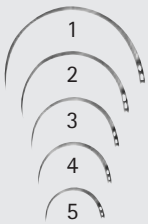


Darmnadeln
Intestinal needles

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

1/2

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

1/2

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

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

BM563R

1/1

BM564R

1/2

CASTROVIEJO

BM563R–BM564R

mit Sperre

with catch

145 mm, 5 3/4"

FD076R

1/1

FD079R

1/2

FD076R–FD079R

ohne Sperre

without catch

160 mm, 6 1/4"

FD080R

1/1

FD081R

1/2

FD080R–FD081R

ohne Sperre

without catch

185 mm, 7 1/4"

FD045R

ohne Sperre

without catch

1/1

FD046R

mit Sperre

with catch

1/2

JACOBSON

FD045R–FD046R

185 mm, 7 1/4"

1/1

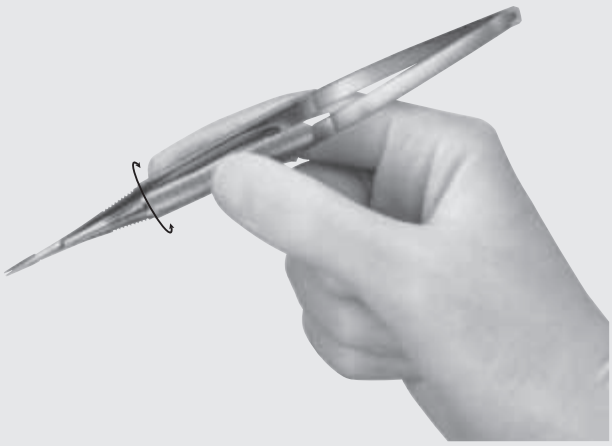
1/2

FD048R

mit Sperre

with catch

200 mm, 8"



... mit Rundgriffen

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

... with round handles

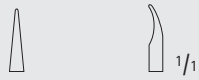
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

BM560R	BM562R
115 mm	120 mm
4 1/2"	4 3/4"

BARRAQUER

BM560R–BM562R

ohne Sperre
without catch

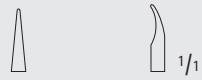


FD230R	FD231R

BARRAQUER

FD230R–FD231R

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



FD232R	FD233R

BARRAQUER

FD232R–FD233R

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

Nadelhalter – Needle Holders

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles

FD240R

1/1

FD241R

1/2

REILL

FD240R–FD241R

ohne Sperre

without catch

150 mm, 6"

FD242R

1/1

FD243R

1/2

FD242R–FD243R

mit Sperre

with catch

150 mm, 6"

FD244R

1/1

FD245R

1/2

FD244R–FD245R

ohne Sperre

without catch

185 mm, 7 1/4"

FD246R

1/1

FD247R

1/2

FD246R–FD247R

mit Sperre

with catch

185 mm, 7 1/4"

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 zuermüdungsfreiem 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 fatiguefreeworking and optimum handling.

MÜLLER

FM021R

145 mm, 5 3/4"

MÜLLER

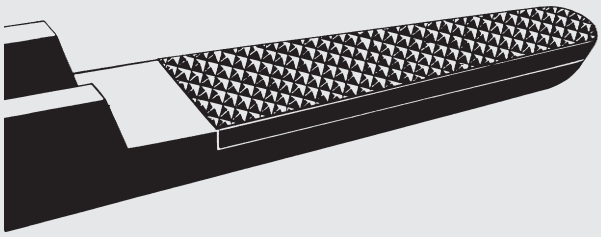
FM061R

180 mm, 7"

Nadelhalter – Needle Holders

DUROGRIP® Mikro-Nadelhalter

DUROGRIP® Micro Needle Holders



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		9/0 – 11/0
mit Teilung	0,2 mm für Nahtmaterial	6/0 – 10/0
	0,4 mm	4/0 – 6/0
	0,5 mm	bis 3/0

We recommend carbide inserts

with smooth jaw surface for suture material		9/0 – 11/0
with	0.2 mm pitch of serration for suture material	6/0 – 10/0
	0.4 mm	4/0 – 6/0
	0.5 mm	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

1/1
mit glattem Maul
with smooth jaw

1/2

CASTROVIEJO

BM001R

145 mm, 5 3/4"

1/1
0,2

1/2

CASTROVIEJO

BM002R

145 mm, 5 3/4"

1/1
0,4

1/2

BM003R

170 mm, 6 3/4"

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

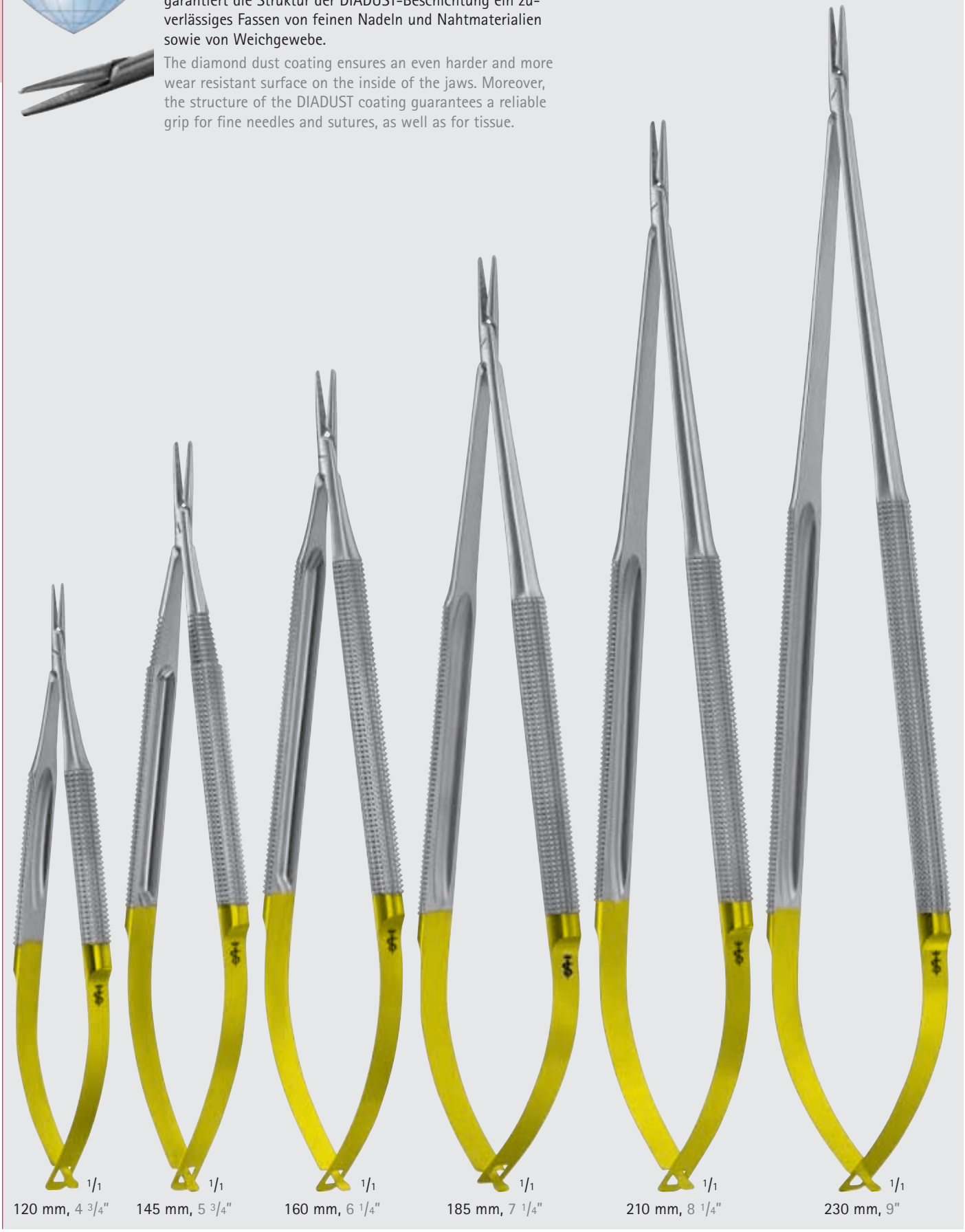
DIADUST

BM

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.



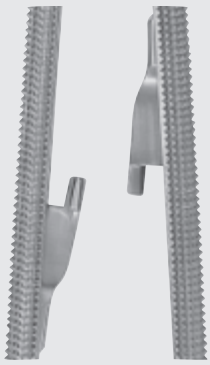
120 mm, 4 3/4" | 145 mm, 5 3/4" | 160 mm, 6 1/4" | 185 mm, 7 1/4" | 210 mm, 8 1/4" | 230 mm, 9"

INCHES

Nadelhalter – Needle Holders

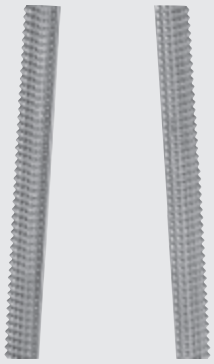
DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1	1/1	1/1	1/1
	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
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

Länge (mm) Length (in.)	1/1	1/1
	Nahtmaterialgröße Suture size	
	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

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST

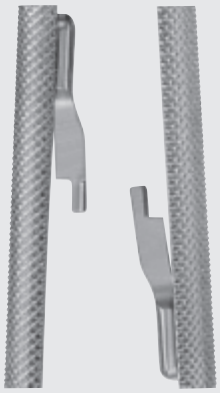
Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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.

1/1
190 mm, 7 1/2"

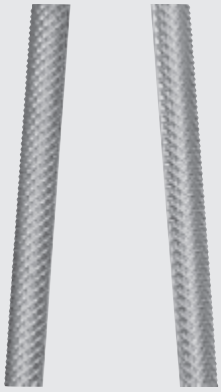
1/1
230 mm, 9"

1/1
250 mm, 10"



mit Sperre, kräftige Ausführung
with ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM538R
230 mm 9"	FM539R
250 mm 10"	FM534R



ohne Sperre, kräftige Ausführung
without ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM535R
230 mm 9"	FM536R
250 mm 10"	FM537R

Nadelhalter – Needle Holders

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.

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.

1/1 145 mm, 5 3/4"

1/1 170 mm, 6 3/4"

1/1 185 mm, 7 1/4"

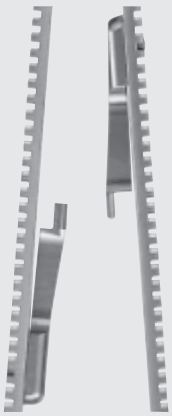
1/1 210 mm, 8 1/4"

1/1 230 mm, 9"

Nadelhalter – Needle Holders

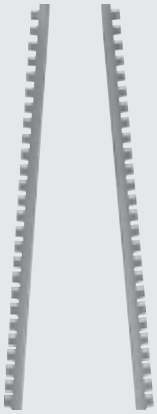
DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Handles



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 7/0 und kleiner 7/0 and smaller	1/1 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

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 7/0 und kleiner 7/0 and smaller	1/1 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

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.

1/1 185 mm, 7 1/4"

1/1 210 mm, 8 1/4"

1/1 230 mm, 9"

Nadelhalter – Needle Holders

DIADUST Mikro-Nadelhalter mit Flachgriff

DIADUST Micro Needle Holders with Flat Knurled Handle

		1/1 Nahtmaterialgröße Suture size
mit Sperre with ratchet	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

		1/1 Nahtmaterialgröße Suture size
ohne Sperre without ratchet	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

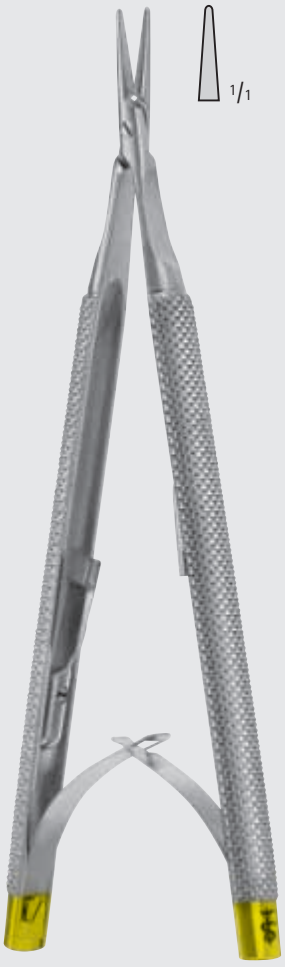
DIADUST Micro Needle Holders

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.

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"

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

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.

1/1

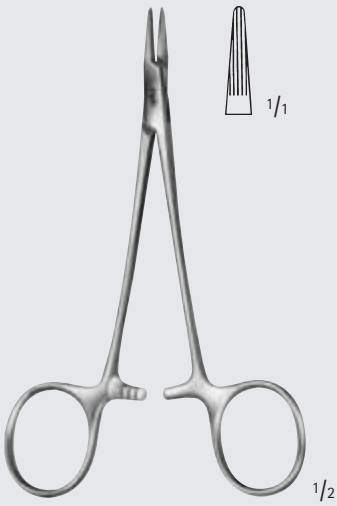
BM301R	BM325R	BM302R	BM327R	BM328R
140 mm	160 mm	180 mm	220 mm	250 mm
5 1/2"	6 1/4"	7"	8 3/4"	10"

RYDER

BM301R-BM328R

Nahtmaterialgröße: 5/0 und kleiner

Suture Size: 5/0 and smaller



CONVERSE

BM200R

130 mm, 5 1/8""

glattes Maul
smooth jaw

WEBSTER

BM202R

125 mm, 5"

BM201R

BM205R

glattes Maul
smooth jaws

HALSEY

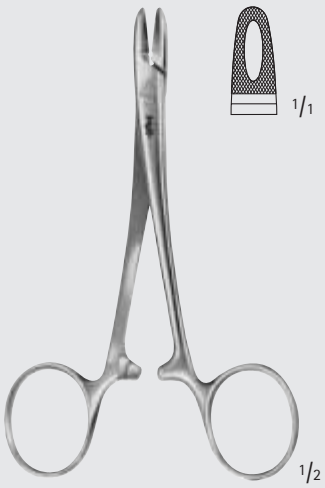
BM201R–BM205R

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

1/1
feines Modell
delicate plattern

1/2

CRILE-WOOD

BM218R

150 mm, 6"

1/1
kräftiges Modell
heavy plattern

1/2

CRILE-WOOD

BM220R

160 mm, 6 1/4"

1/1

1/2

CRILE-MURRAY

BM219R

150 mm, 6"

1/1

1/2

KILNER

BM211R

135 mm, 6"

1/1
feines Maul
delicate jaw

1/2

LAWRANCE

BM221R

150 mm, 6"

1/1

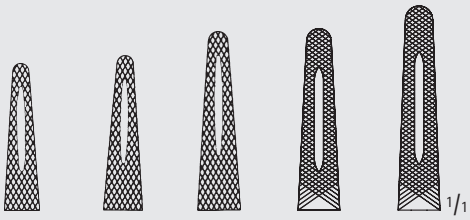
1/1
für Frontal-, Gaumennaht etc. geeignet
designed for frontal and palate suture

1/2

ADSON

BM224R

180 mm, 7"



1/1

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"

MAYO-HEGAR

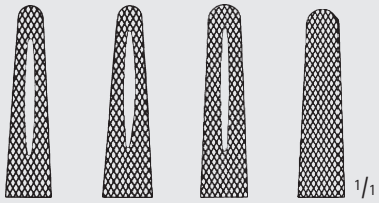
BM235R–BM240R

mittelfeine Modelle
medium fine patterns

Nadelhalter – Needle Holders

Nadelhalter

Needle Holders



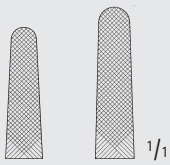
BM245R	BM247R	BM249R	BM255R
150 mm	175 mm	205 mm	205 mm
6"	7"	8"	8"

HEGAR

BM245R-BM255R

kräftige Modelle

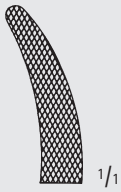
heavy patterns



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

MAYO-HEGAR

BM241R-BM242R



1/2

HEANEY

BM259R

200 mm, 8"

1/2

JAMESON

BM270R

230 mm, 9"

WANGENSTEEN

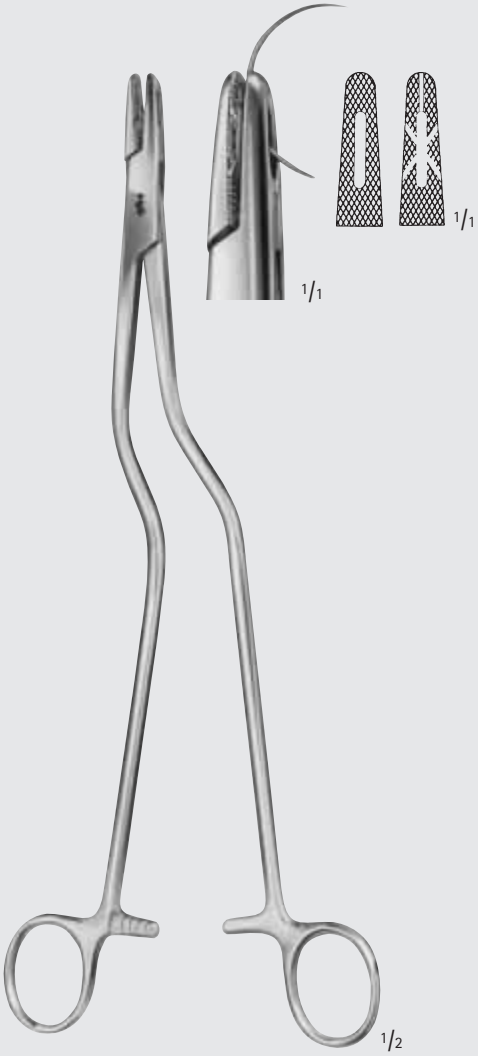
BM272R

275 mm, 10 3/4"

MASSON

BM275R

265 mm, 10 1/2"



MASSON-LUETHY

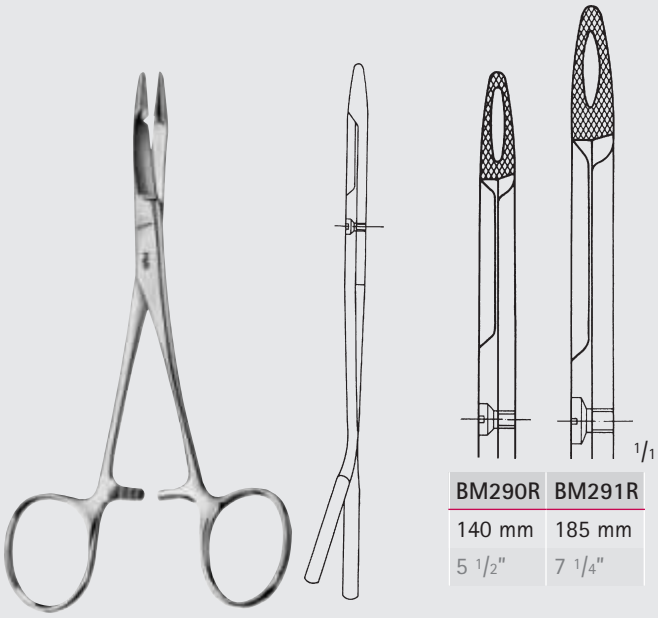
BM280R

255 mm, 10"

Nadelhalter – Needle Holders

Nadelhalter mit Schere

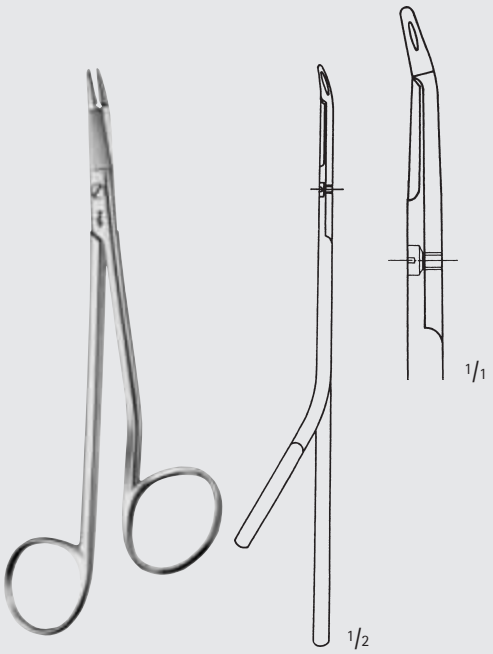
Needle Holders with Scissors



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

HEGAR-OLSEN

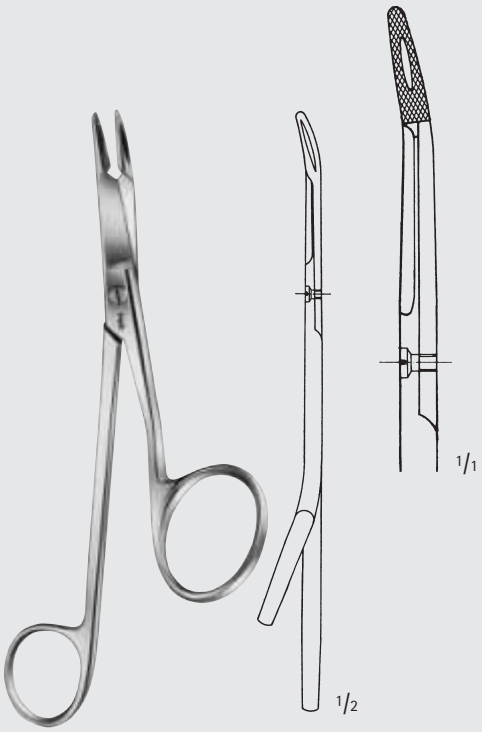
BM290R–BM291R



GILLIES

BM298R

150 mm, 6"



GILLIES

BM299R

160 mm, 6 1/4"

CRILE

BM503R

150 mm, 6"

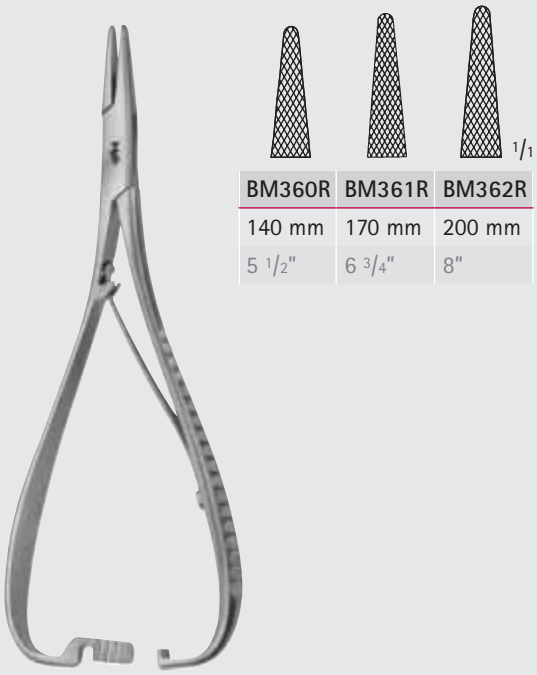
TÖNNIS

BM510R

elastisches Modell für Dura- oder Darmnaht

elastic pattern for dura- or intestinal suture

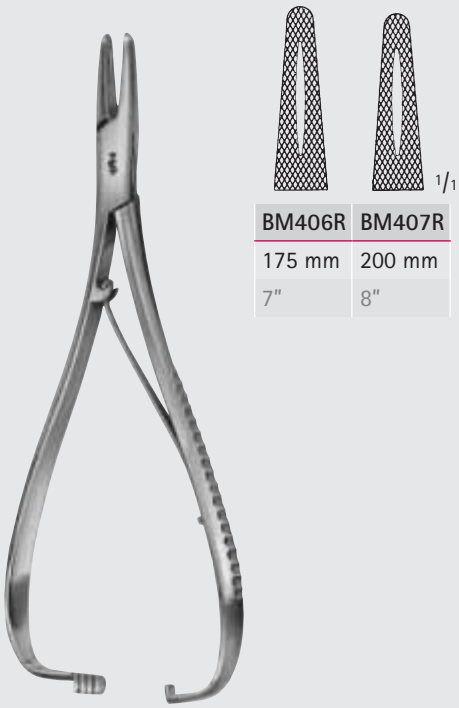
180 mm, 7"



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

MATHIEU

BM360R-BM362R



BM406R	BM407R
175 mm	200 mm
7"	8"

MATHIEU-STILLE

BM406R-BM407R

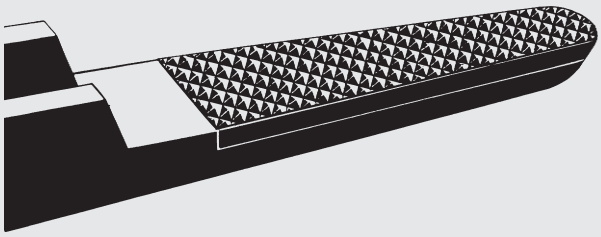
sehr kräftige Modelle

very heavy patterns

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



glatt 0,2 0,4 0,5

smooth

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.

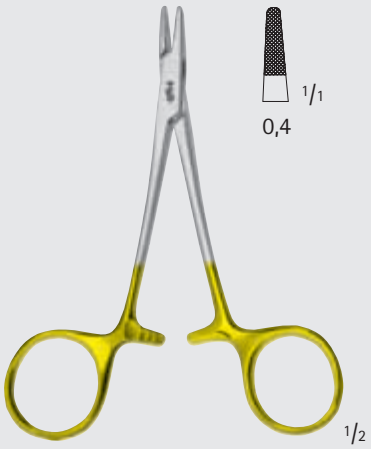
AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations guarantee a sure „grip" of the resp. needle.

Wir empfehlen Hartmetall-Maulteile		
mit glatter Fläche für Nahtmaterial		9/0 – 11/0
mit Teilung	0,2 mm für Nahtmaterial	6/0 – 10/0
	0,4 mm	4/0 – 6/0
	0,5 mm	bis 3/0

We recommend carbide inserts		
with smooth jaw surface for suture material		9/0 – 11/0
with	0.2 mm pitch of serration for suture material	6/0 – 10/0
	0.4 mm	4/0 – 6/0
	0.5 mm	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



DERF

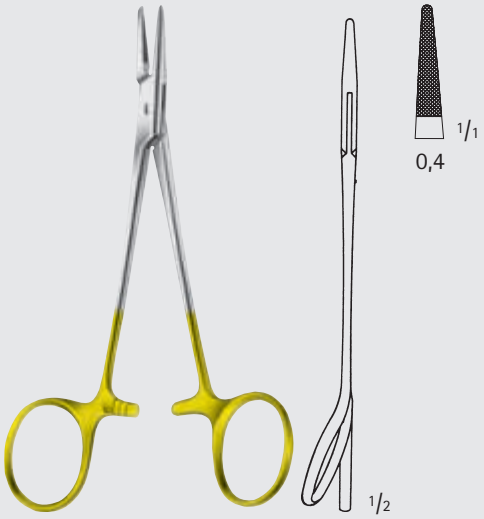
BM008R

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

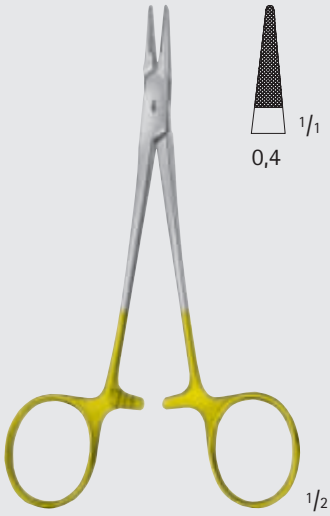
BM011R

130 mm, 5 1/8"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders



HALSEY

BM012R

130 mm, 5 1/8"

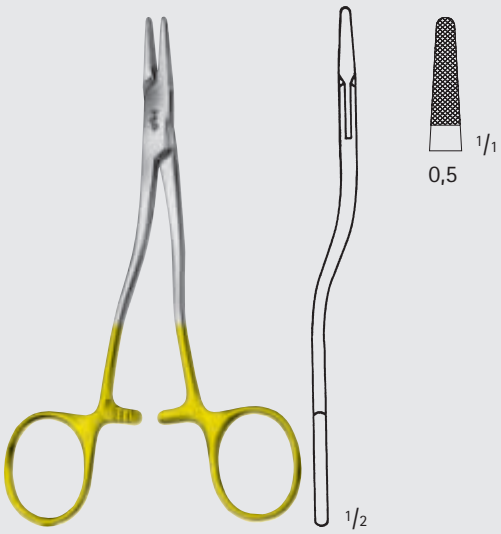
BM014R mit glattem Maul / with smooth jaws

BM024R

WEBSTER

BM014R-BM024R

125 mm, 5"



KILNER

BM018R

135 mm, 5 1/4"

BAUMGARTNER

BM015R

145 mm, 5 3/4"

BABY-CRILE-WOOD

BM013R

150 mm, 6"

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"

CRILE-WOOD

BM016R–BM030R

BM020R	BM023R
175 mm	260 mm
7"	10 1/4"

SAROT

BM020R–BM023R

HEGAR-MAYO-SEELEY

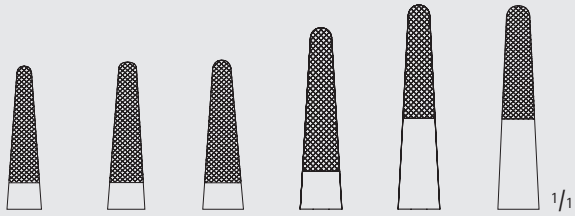
BM022R

200 mm, 8"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

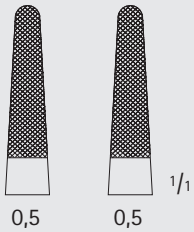
DUROGRIP® Needle Holders



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"

HEGAR-MAYO

BM065R–BM070R



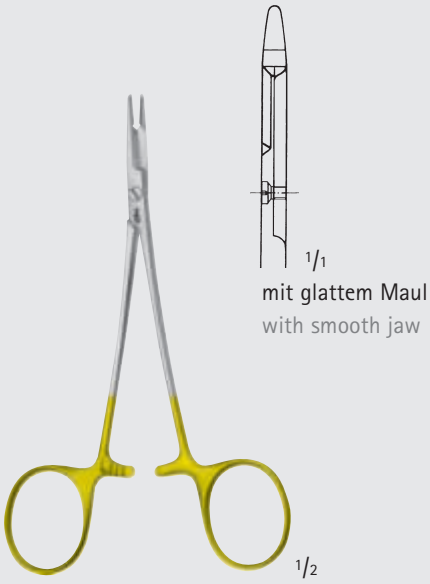
BM077R	BM078R
205 mm	245 mm
8"	9 3/4"

HEGAR

BM077R–BM078R

kräftige Modelle

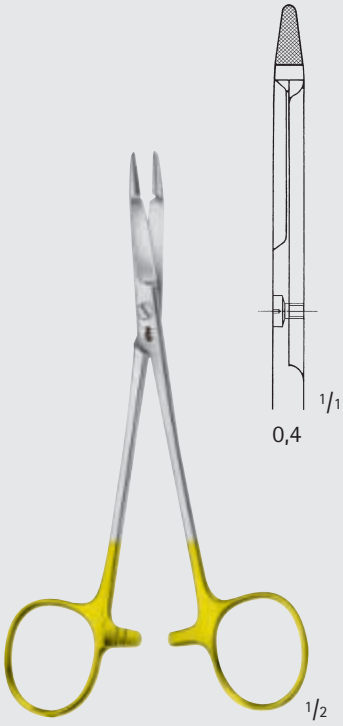
heavy patterns



mit glattem Maul
with smooth jaw

BM127R

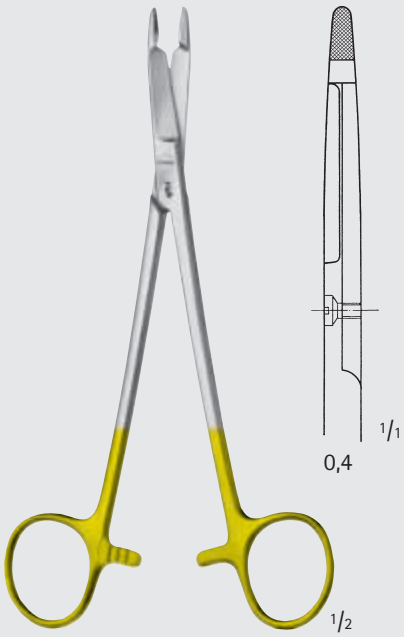
125 mm, 5"



HEGAR-OLSEN MODIF. LANGE

BM128R

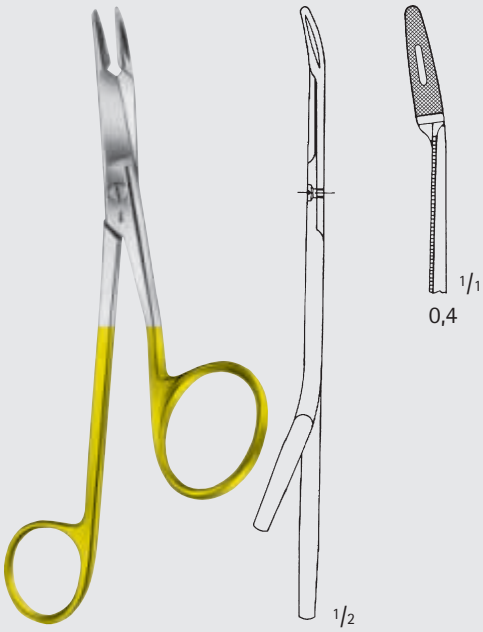
145 mm, 5 3/4"



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

BM110R

150 mm, 6"

BM111R

150 mm, 6"

BAUMGARTNER

BM112R

200 mm, 8"

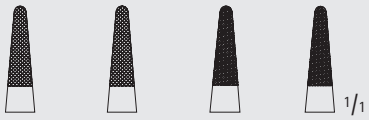
BM113R

175 mm, 7"

BERRY

MD456R

185 mm, 7 1/4"



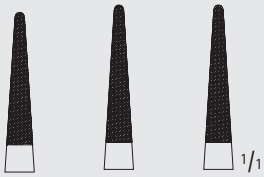
BM033R	BM034R	BM063R	BM064R
165 mm	210 mm	165 mm	210 mm
6 1/2"	8 1/4"	6 1/2"	8 1/4"

DE BAKEY

BM033R–BM064R

sehr fein

very delicate

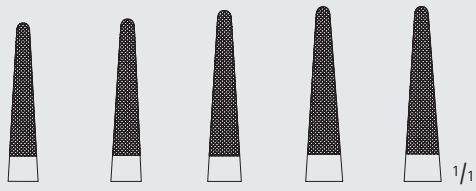


BM025R	BM026R	BM027R
180 mm	200 mm	230 mm
7"	8"	9"

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

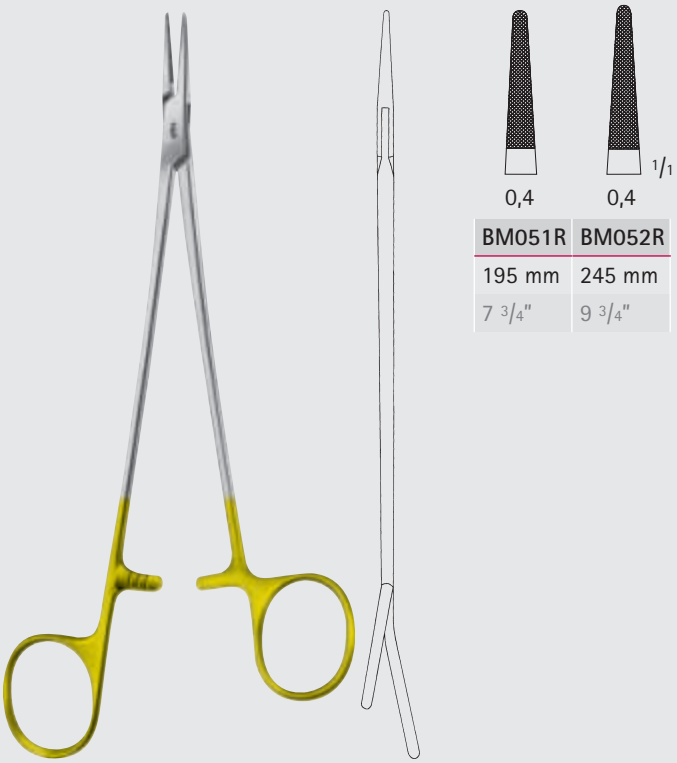
DE BAKEY

BM040R

schlankes Modell

slender pattern

305 mm, 12"



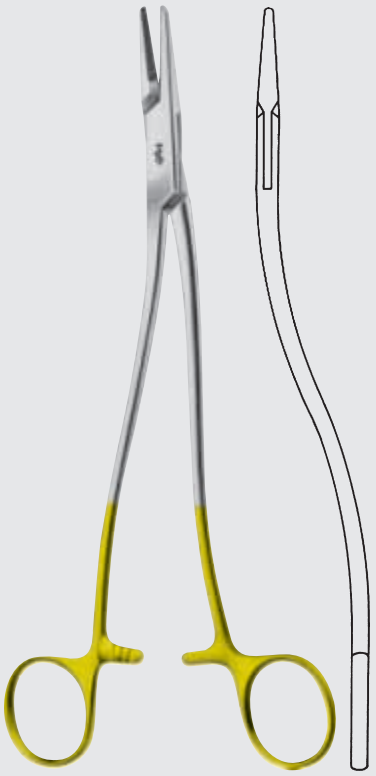
BM051R	BM052R
195 mm	245 mm
7 3/4"	9 3/4"

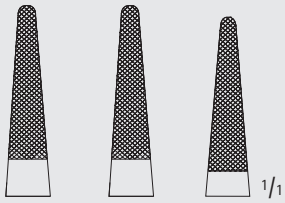
DE BAKEY

BM051R–BM052R

Ringe griffgünstig abgesetzt und gebogen

one extended handle and curved rings ensure optimum grip

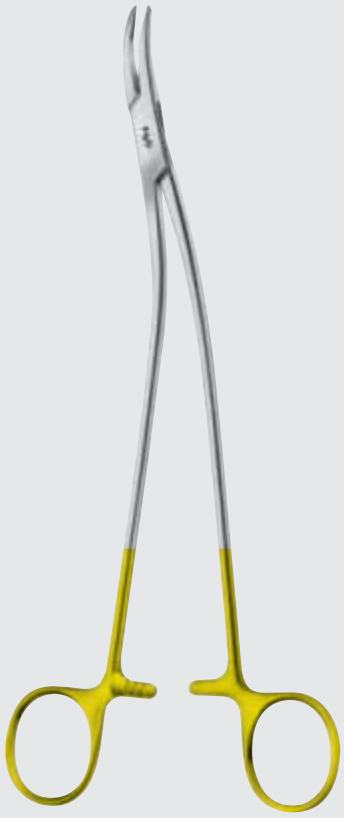


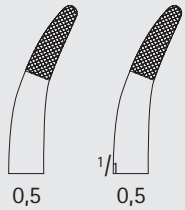


BM100R	BM101R	BM102R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

WERTHEIM

BM100R–BM102R

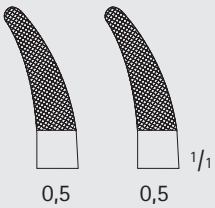




BM095R	BM096R
210 mm	230 mm
8 1/4"	9"

STRATTE

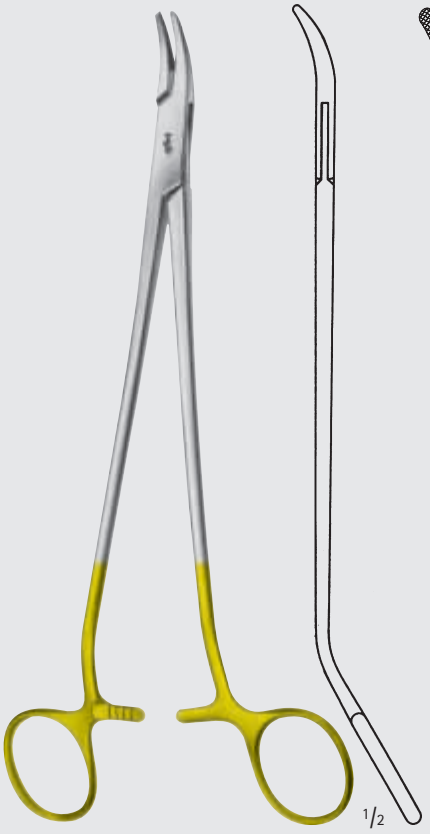
BM095R–BM096R

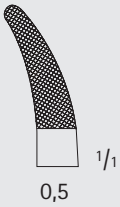


BM081R	BM084R
200 mm	260 mm
8"	10 1/4"

HEANEY

BM081R–BM084R





BM082R

S-förmig gebogen

S-shaped

215 mm, 8 1/2"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

WANGENSTEEN

BM042R

275 mm, 10 3/4"

BM105R

275 mm, 10 3/4"

NAUNTON-MORGAN

BM088R

260 mm, 10 1/2"

MÜLLER

BM089R

für tiefe Rektumchirurgie

for deep rectum surgery

360 mm, 14"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

MASSON

BM090R

265 mm, 10 1/2"

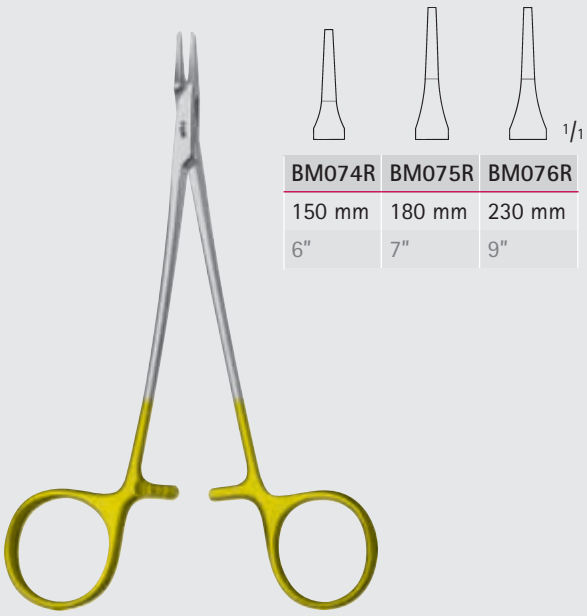
FINOCHIETTO

BM092R

265 mm, 10 1/2"

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"

1/1

RYDER

BM074R–BM076R

mit glattem Maul

with smooth jaws

1/1

0,4

1/2

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.

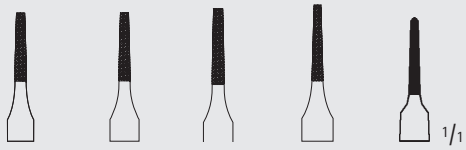
»grazil«

RYDER

BM054R-BM058R

sehr fein

very delicate

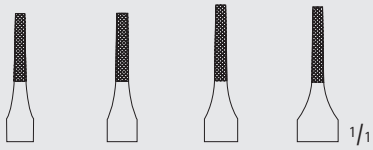


0,2	0,2	0,2	0,2	0,2
BM054R	BM055R	BM056R	BM057R	BM058R
135 mm	155 mm	175 mm	210 mm	230 mm
5 1/4"	6"	7"	8 1/4"	9"

1/1

RYDER

BM044R-BM047R



0,4	0,4	0,4	0,4
BM044R	BM045R	BM046R	BM047R
135 mm	175 mm	195 mm	265 mm
5 1/4"	7"	7 3/4"	10 1/2"

1/1

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

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 anastmosis techniques.

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

1/1

0,5

1/2

TÖNNIS

BM186R

elastisches Modell

elastic pattern

180 mm, 7"

1/1

0,5

1/2

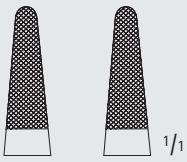
TÖNNIS MODIF.

BM183R

elastisches Modell

elastic pattern

180 mm, 7"



1/1

0,5 0,5

BM191R	BM193R
180 mm	200 mm
7"	8"

LANGENBECK

BM191R–BM193R

1/1

0,4

1/2

»grazil«

LANGENBECK

BM196R

200 mm, 8"

ZWEIFEL

BM170R

200 mm, 8"

kräftiges Modell
für Sternumnaht

heavy pattern
for sternum suture

ZWEIFEL

BM172R

200 mm, 8"

AESCULAP

BM178R

200 mm, 8"

Nadelhalter – Needle Holders

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

»grazil«

LICHTENBERG

BM132R

elastisches Modell

elastic pattern

195 mm, 7 3/4"

BM165R

mit langem Hals

with long neck

205 mm, 8"

HÖSEL

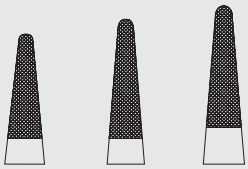
BM168R

mit langem Hals

with long neck

260 mm, 10"

»grazil«



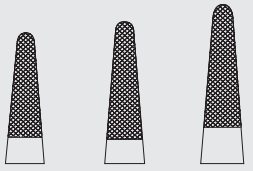
0,4	0,4	0,4
BM148R	BM150R	BM153R
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"

MATHIEU

BM148R–BM153R

feine Modelle

delicate patterns



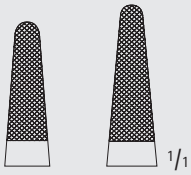
0,5	0,5	0,5
BM149R	BM151R	BM154R
140 mm	170 mm	200 mm
5 1/2"	6 3/4"	8"

MATHIEU

BM149R–BM154R

Standard-Modelle

Standard patterns



0,5	0,5
BM156R	BM158R
200 mm	245 mm
8"	9 3/4"

MATHIEU

BM156R–BM158R

kräftige Modelle

heavy patterns

Nadelhalter – Needle Holders

Bumerang-Nadelhalter

Boomerang Needle Holders

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

Fadenhaltezange

Ligature holding forceps

285 mm, 9 3/4"

BM711R

BM712R

BM713R

BM714R

REVERDIN

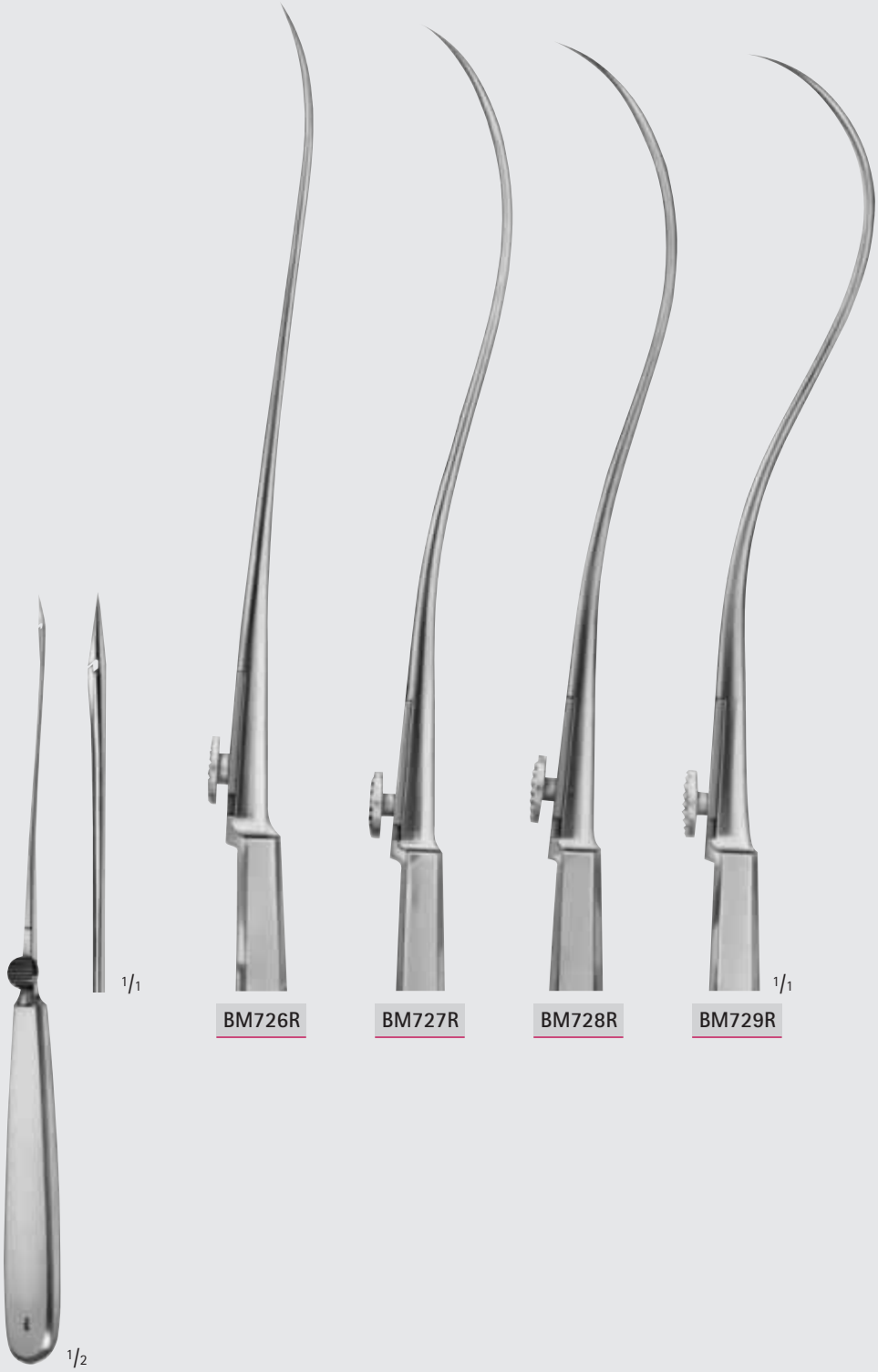
BM711R–BM714R

195 mm, 7 3/4"

Nadelhalter – Needle Holders

Naht-Instrumente - Reverdin-Nadeln

Suture Instruments - Reverdin Needles

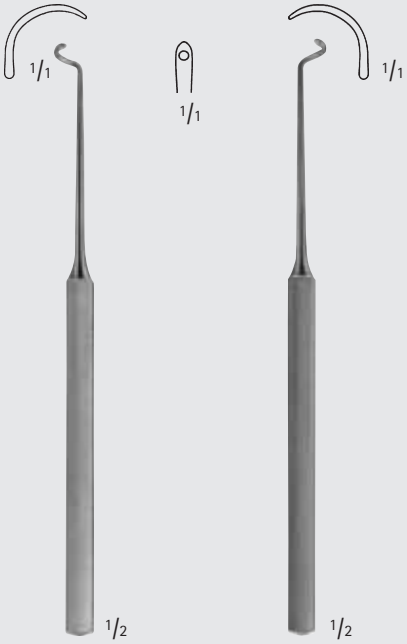


BM726R BM727R BM728R BM729R

REVERDIN

BM726R-BM729R

220 mm, 8 3/4"



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

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

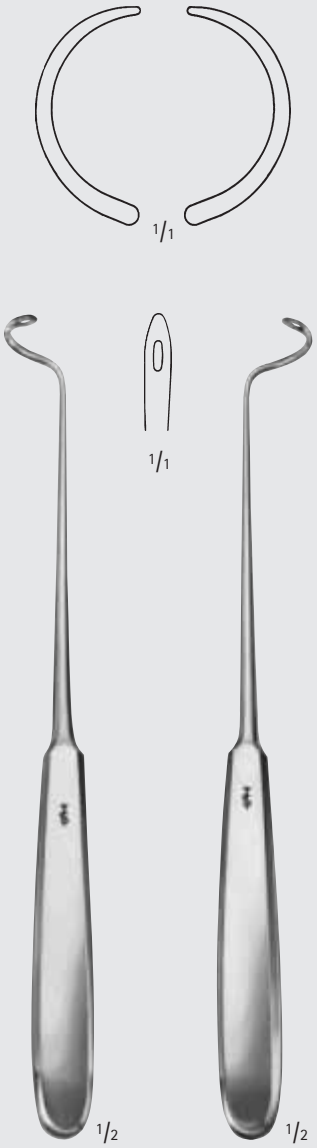
BM808R

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

DESCHAMPS

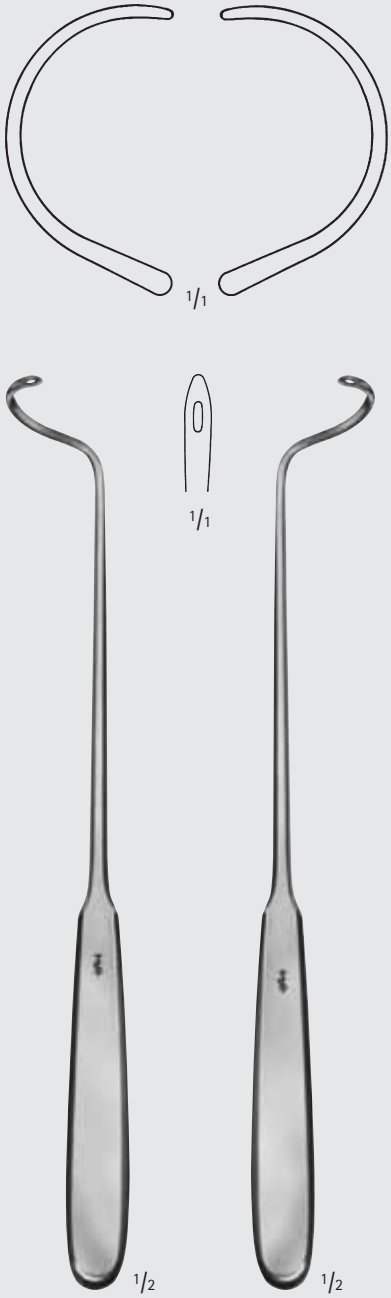
BM809R

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



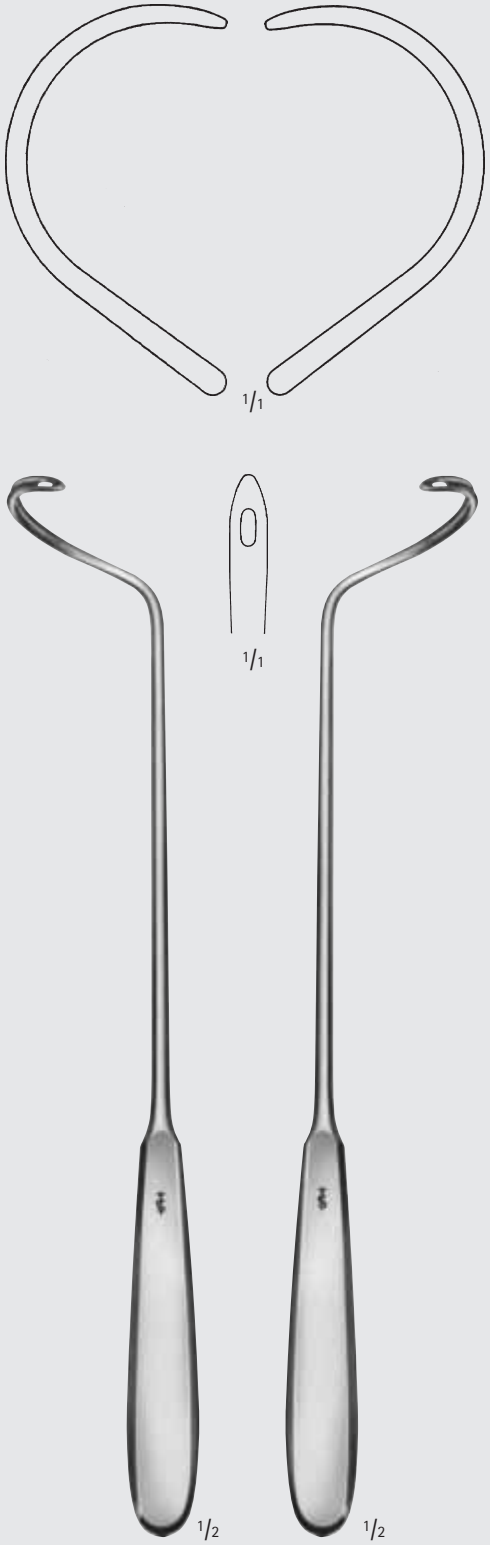
DESCHAMPS
BM810R
für rechte Hand
stumpf
for right hand
blunt
215 mm, 8 1/2"

DESCHAMPS
BM811R
für linke Hand
stumpf
for left 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

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

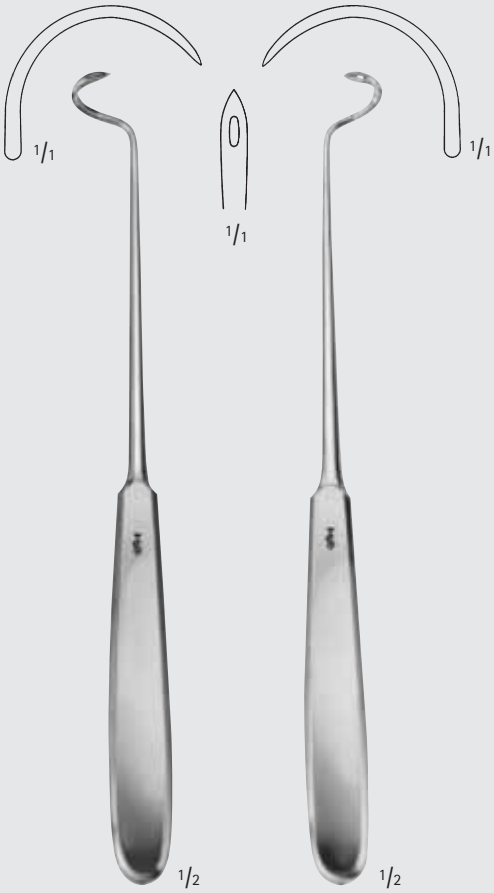
BM780R

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"



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

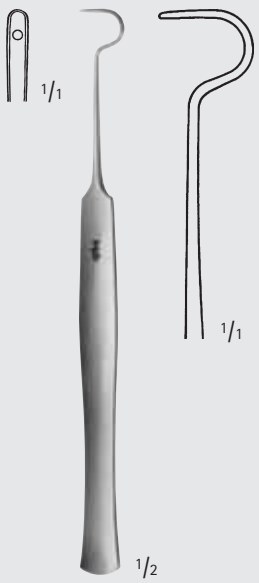
BM774R

250 mm, 10"

Nadelhalter – Needle Holders

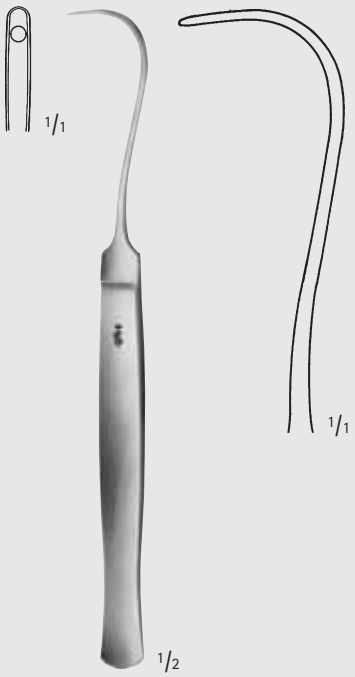
Unterbindungsnadeln

Ligature Needles



BM853R

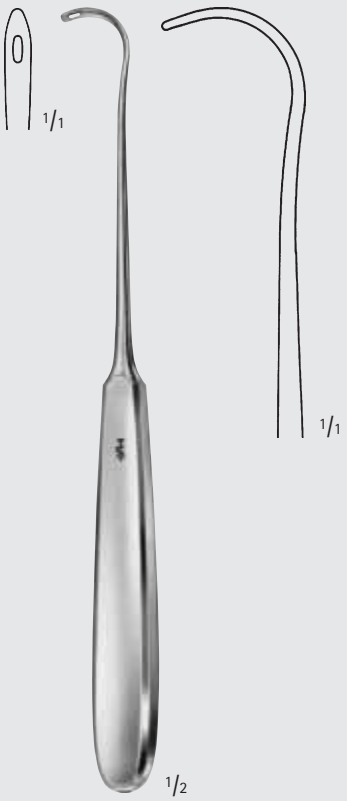
150 mm, 6"



SYME

BM855R

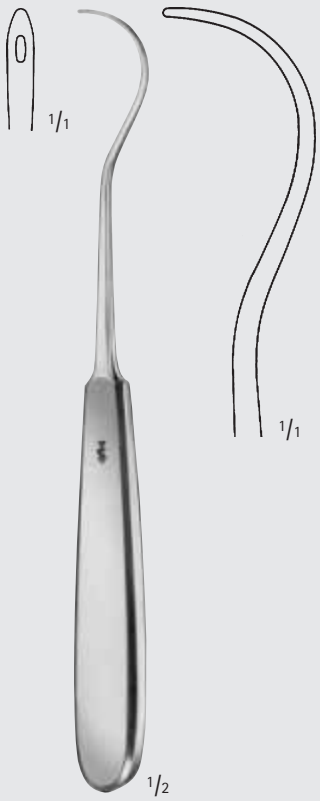
170 mm, 6 3/4"



COOPER

BM856R

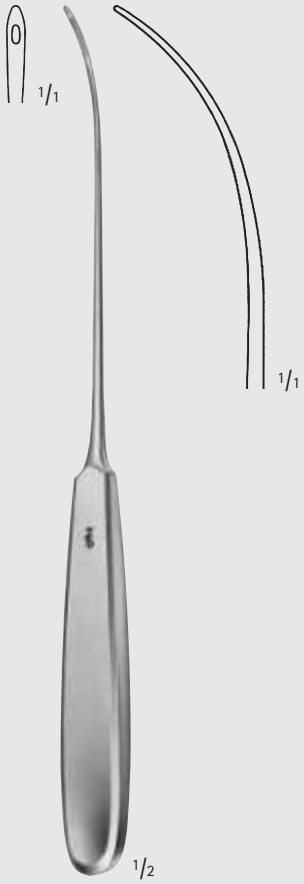
205 mm, 8"



KOCHER

BM858R

205 mm, 8"



BM861R

biegsam

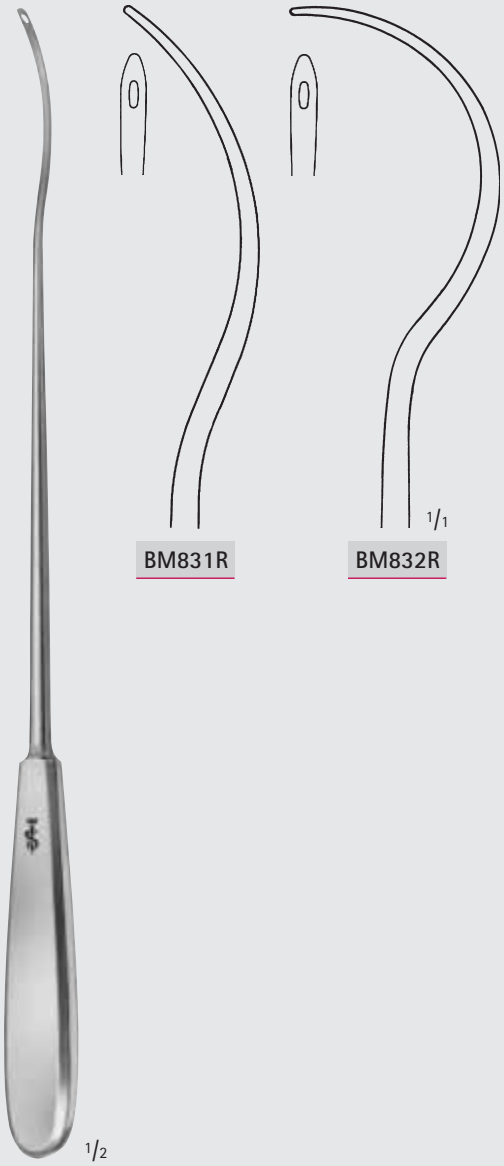
malleable

230 mm, 9"

Nadelhalter – Needle Holders

Unterbindungsnadeln, Führungs-Hohlsonden nach BRUNNER

BRUNNER Ligature Needles, Guiding Probes



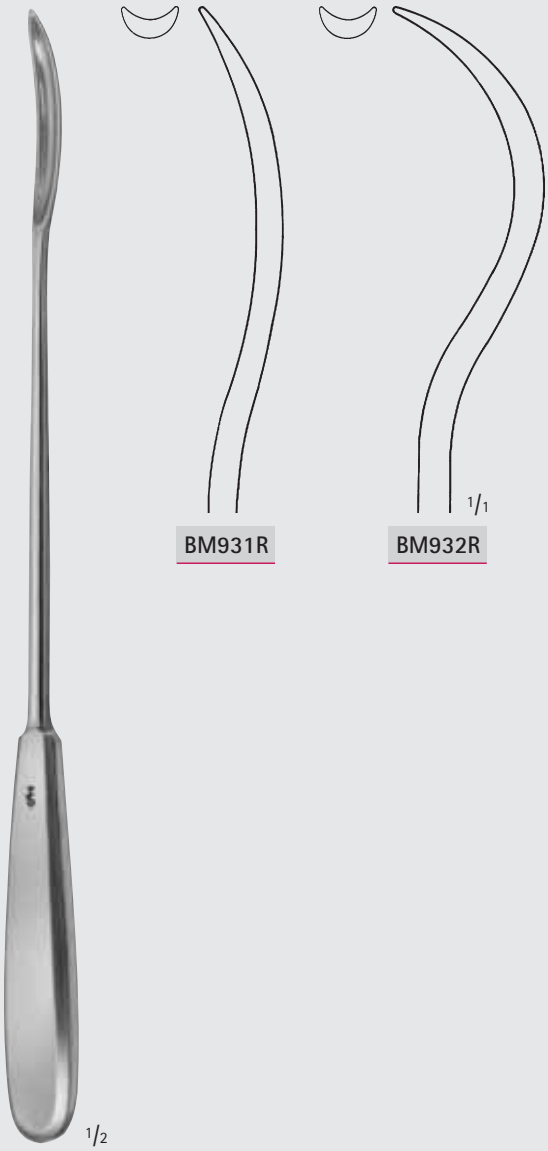
BRUNNER

BM831R–BM832R

Unterbindungsnadeln

Ligature needles

300 mm, 12"



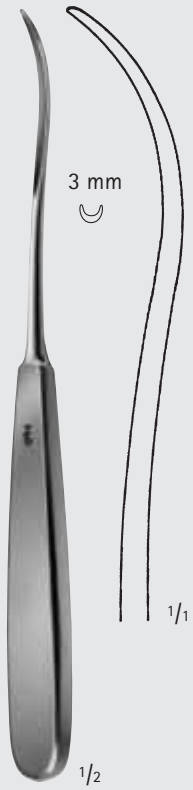
BRUNNER

BM931R–BM932R

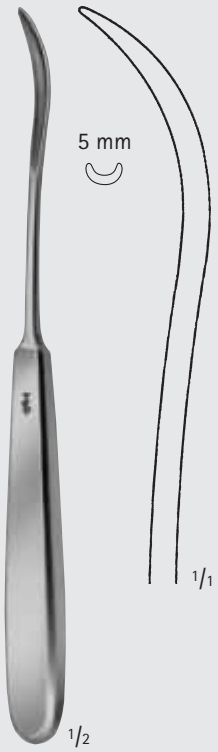
Führungs-Hohlsonden

Guiding probes

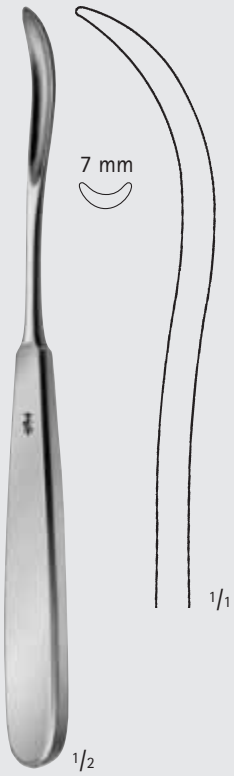
300 mm, 12"



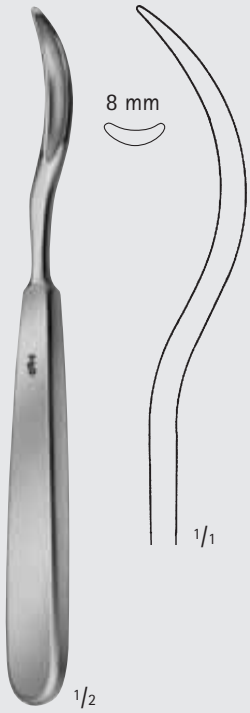
BM900R
200 mm, 8"



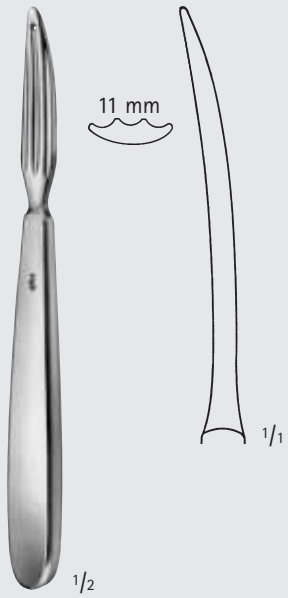
KÖNIG
BM901R
195 mm, 7 3/4"



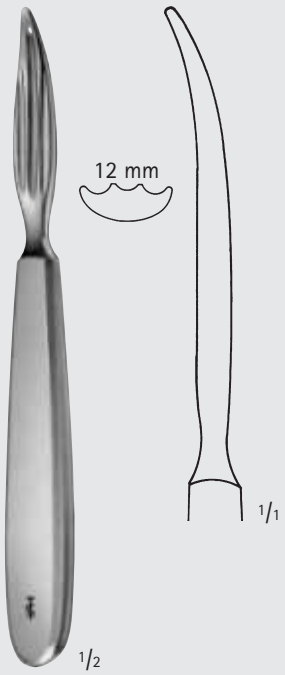
KÖNIG
BM902R
200 mm, 8"



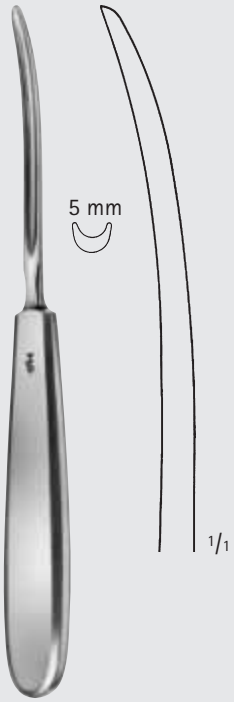
SCHMIEDEN
BM905R
185 mm, 7 1/4"



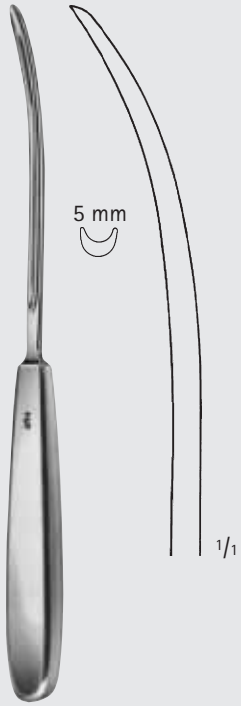
KOCHER
BM911R
150 mm, 6"



KOCHER
BM913R
170 mm, 6 3/4"



PAYR
BM920R
195 mm, 7 3/4"



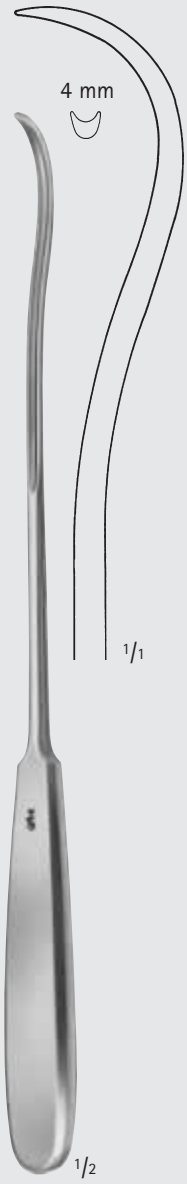
PAYR
BM922R
225 mm, 9"

Nadelhalter – Needle Holders

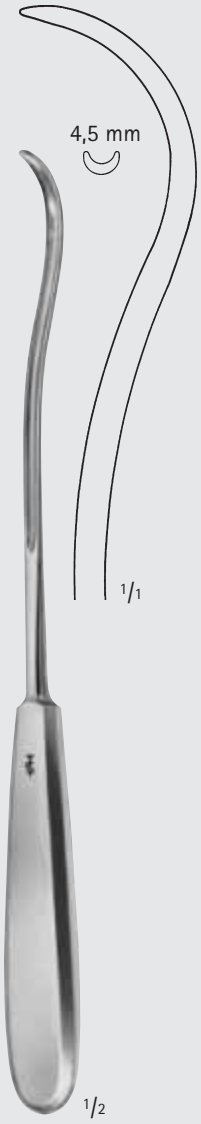
Führungs-Hohlsonden

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)



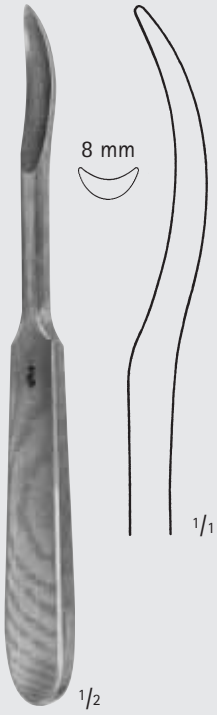
BM924R
280 mm, 11"



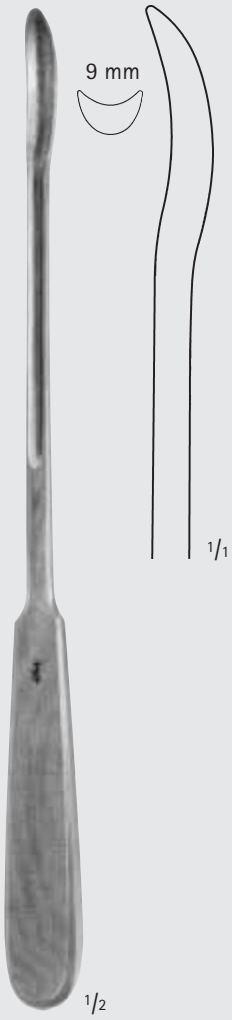
KIRSCHNER

BM925R
255 mm, 10"

BM938
240 mm, 9 1/2"



BM940
185 mm, 7 1/4"



BM941
265 mm, 10 1/2"

BM950R

Fadengabel

Knot tier and Ligature adjuster

230 mm, 9"

CASPAR

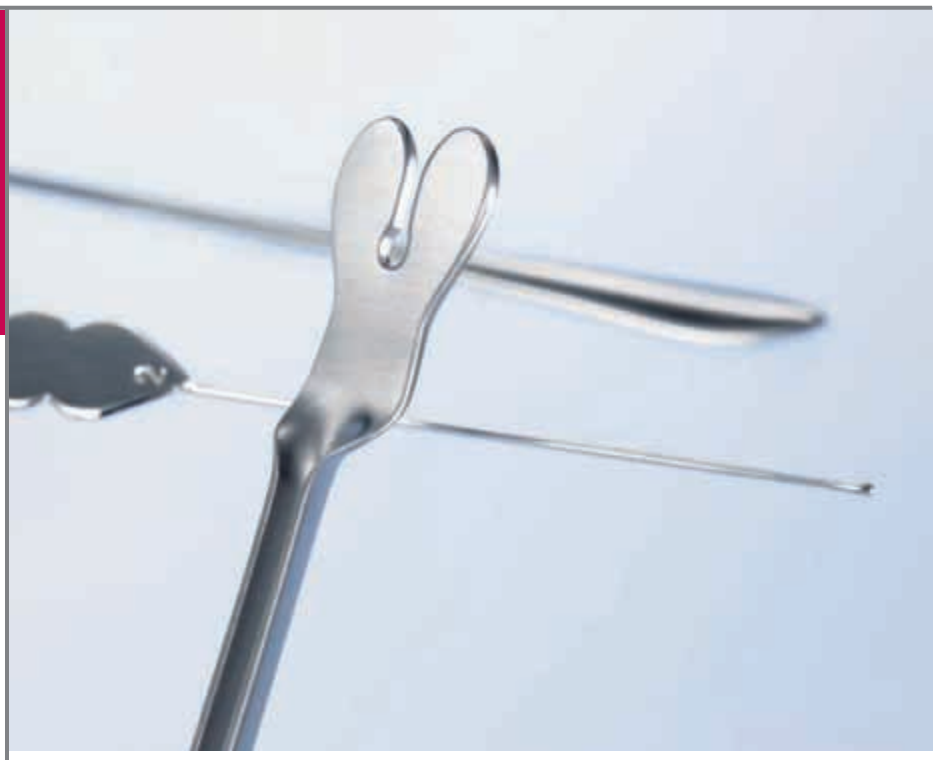
FF309

Fadengabel

Knot tier and Ligature adjuster

230 mm, 9"

BN

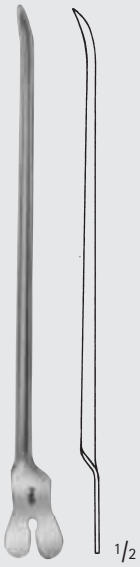


Sonden, Watteträger, Wundklammern
Probes, Cotton Applicators, Suture Clips

BN

BN003R	130 mm, 5 1/8"
BN004R	145 mm, 5 3/4"
BN006R	160 mm, 6 1/4"

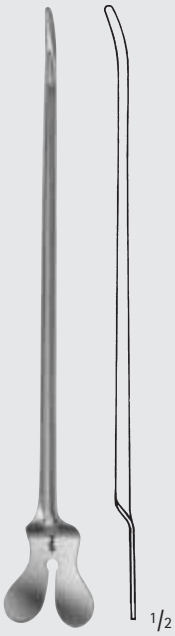
Hohlsonden
Directors



DOYEN

BN010R

Hohlsonde
Director
145 mm, 5 3/4"

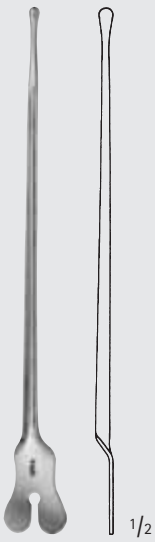


NELATON

BN012R

Hohlsonde
Director
160 mm, 6 1/4"

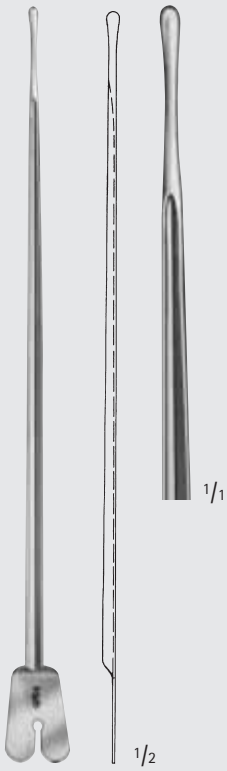
Knopf-Ø 3,3 mm
Diam. of tip 3.3 mm



BN015R

Hohlsonde mit Knopf
Director with tip
140 mm, 5 1/2"

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm



BRODIE

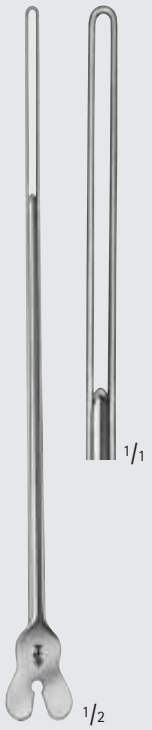
BN020R

Hohlsonde mit Knopf
Director with tip
200 mm, 8"

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"

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

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

Knopf-Ø 1,2 mm
Diam. of tip 1.2 mm

1/2

BN110

Sinus-Knopfsonde

Sinus probe

150 mm, 6"

Knopf-Ø 3,0 mm
Diam. of tip 3.0 mm

1/2

BN090R

Doppelknopfsonde, biegsam, mit Loch

Double ended probe, malleable, with hole

190 mm, 7 1/2"

BN

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm

BN095	250 mm, 10"
BN096	300 mm, 12"

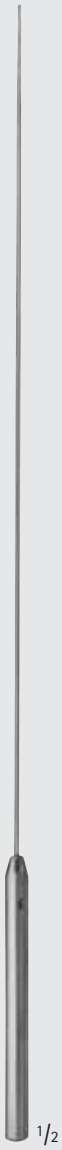
Doppelknopfsonden,
Zinn, biegsam
Double ended probes,
tin, malleable

Knopf-Ø 4,0 mm
Diam. of tip 4.0 mm

BN099

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

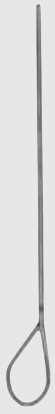
Knopf-Ø 2,0 mm
Diam. of tip 2.0 mm



BN101R

Knopfsonde
Probe
300 mm, 12"

Ø 0,8 mm
Diam. 0.8 mm



1/2

STACKE

BN160

Silber
silver
100 mm, 4"

Ø 1,5 mm
Diam. 1.5 mm

1/2

CAWTHORNE

BN161

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

Ø 1,4 mm
Diam. 1.4 mm

1/2

KILLIAN

BN172R

165 mm, 6 1/2"

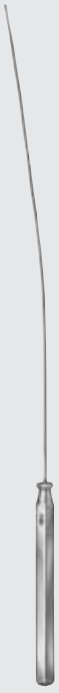
Ø 1,0 mm
Diam. 1.0 mm

1/2

SEIFFERT

BN170R

160 mm, 6 1/4"



1/2

SEIFFERT

OM488

Silber
silver
195 mm, 7 3/4"

1/2

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

BN184R

Spatel

Spatula

145 mm, 5 3/4"

OM202R

Spatel

Spatula

145 mm, 5 3/4"

Ø 0,7 mm

Diam. 0.7 mm

MODELL PICCOLO

OF261R

rund gerieft

round serrated end

110 mm, 4 1/2"

Ø 0,7 mm

Diam. 0.7 mm

MODELL PICCOLO

OF262R

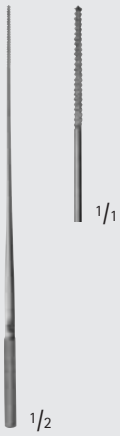
dreikant gerieft

triangular serrated end

110 mm, 4 1/2"

Ø 1,2 mm

Diam. 1.2 mm



FARRELL

OF257R

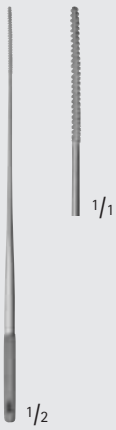
rund gerieft

round serrated end

110 mm, 4 1/2"

Ø 1,4 mm

Diam. 1.4 mm



LATHBURY-FARRELL

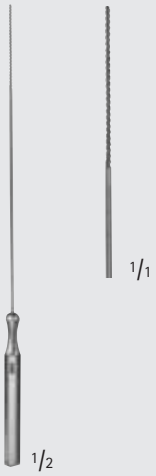
OF259R

dreikant gerieft

triangular serrated end

110 mm, 4 1/2"

Ø 0,9 mm
Diam. 0.9 mm

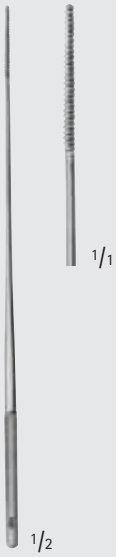


BUCK

BN400R

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

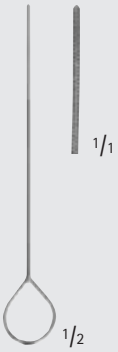
Ø 0,9 mm
Diam. 0.9 mm



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"

Sonden – Probes
Watteträger
Cotton Applicators

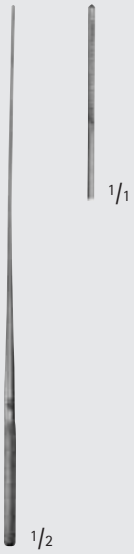
Ø 1,2 mm
Diam. 1.2 mm

FARRELL

BN460R

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

Ø 1,4 mm
Diam. 1.4 mm

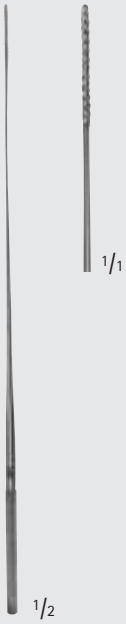


LATHBURY-FARRELL

BN465R

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

Ø 1,2 mm
Diam. 1.2 mm

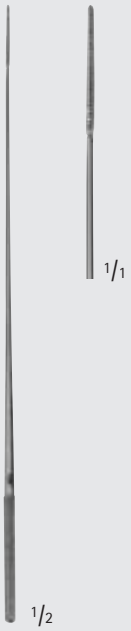


FARRELL

BN461R

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

Ø 1,2 mm
Diam. 1.2 mm

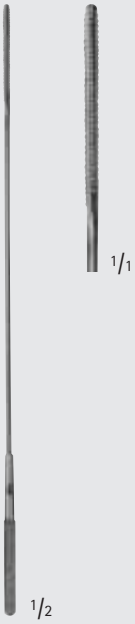


LATHBURY-FARRELL

BN466R

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

Ø 1,4 mm
Diam. 1.4 mm

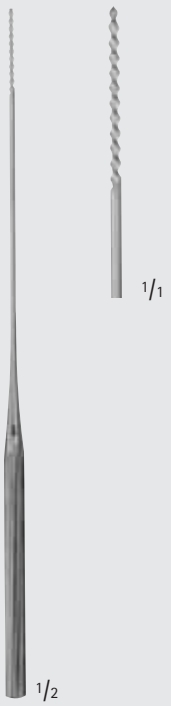


LATHBURY-FARRELL

BN468R

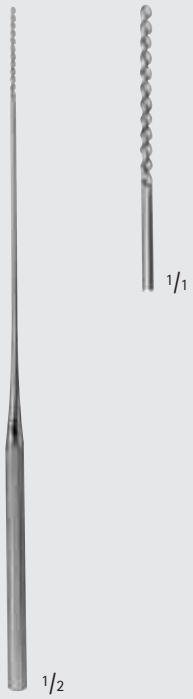
dreikant gerieft
triangular serrated end
160 mm, 6 1/4"

Ø 1,5 mm
Diam. 1.5 mm



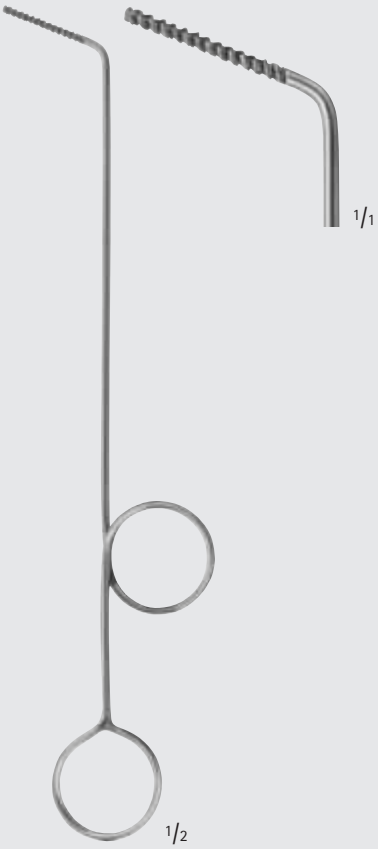
BN452R
spiralförmig gerieft
rough, spiral end
180 mm, 7"

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



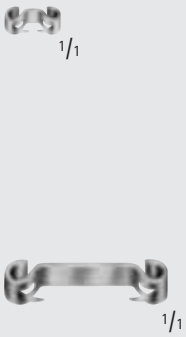
HARTMANN
OM487R
spiralförmig gerieft
rough, spiral end
220 mm, 8 1/2"

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

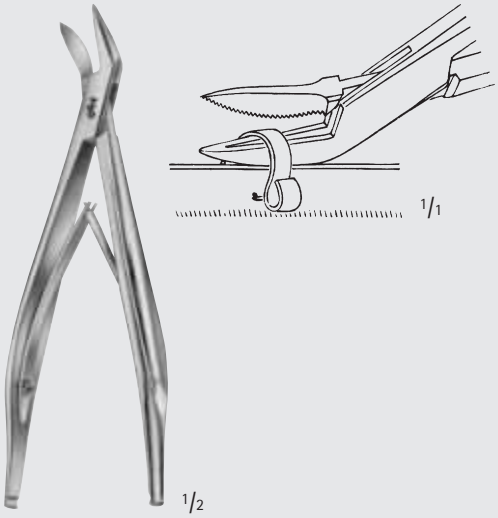
BN731R

Klammeranlegepinzette
Clip applying forceps
120 mm, 4 3/4"

MICHEL

BN750R

Klammeranlege und -Abnehmezange
Clip applying and removing forceps
125 mm, 5"



MICHEL MODIF.

BN754R

Klammeranlege und -Abnehmezange
Clip applying and removing forceps
130 mm, 5 1/8"

HEATH

BN757R

Klammerabnehmezange
Clip removing forceps
135 mm, 5 1/4"

COLLIN

BN758R

Klammerabnehmezange
Clip removing forceps
135 mm, 5 1/4"

Charr.				
8	BN902R	BN912R	BN922R	BN942R
10	BN903R	BN913R	BN923R	BN943R
12	BN904R	BN914R	BN924R	BN944R
14	BN905R	BN915R	BN925R	BN945R
16	BN906R	BN916R	BN926R	BN946R
18	BN907R	BN917R		BN947R
	mit Gewindeanschluss Messerspitze, schwach gebogen with thread knife tip, slightly curved 190 mm, 7 1/2"	mit Gewindeanschluss Messerspitze, stark gebogen with thread knife tip, strongly curved 190 mm, 7 1/2"	mit Gewindeanschluss Lanzettenspitze, schwach gebogen with thread lancet tip, slightly curved 190 mm, 7 1/2"	mit Gewindeanschluss Dreikantspitze, schwach gebogen with thread trocar tip, slightly curved 190 mm, 7 1/2"

BT

Wundhaken
Wound Retractors

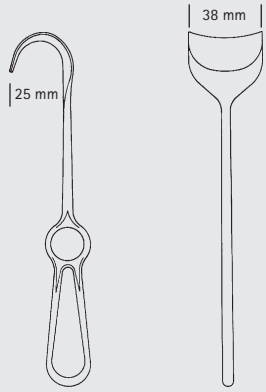
Wundhaken – Wound Retractors

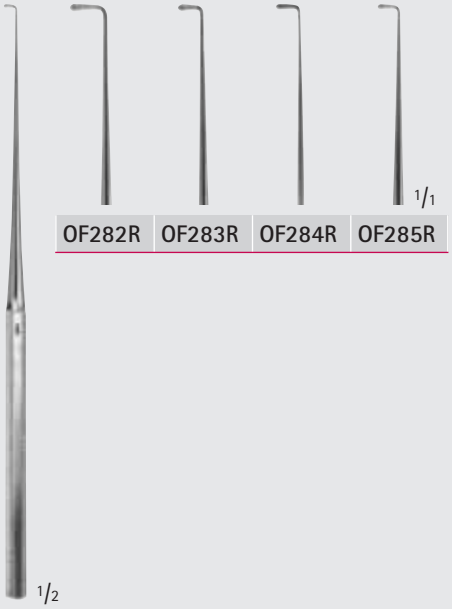
Nerv- und Gefäßhäkchen

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



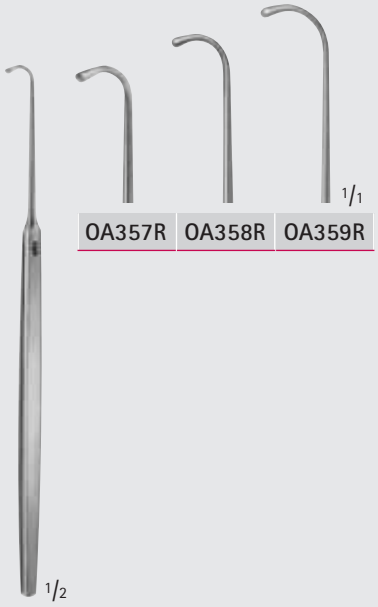


OF282R | OF283R | OF284R | OF285R

WAGENER

OF282R-OF285R

150 mm, 6"



OA357R | OA358R | OA359R

GRAEFE

OA357R-OA359R

140 mm, 5 1/2"

ST. BARTS

OF288R

Ohrhäkchen, stumpf

Hook, blunt

180 mm, 7"

BROM

BT075R

Venenhäkchen

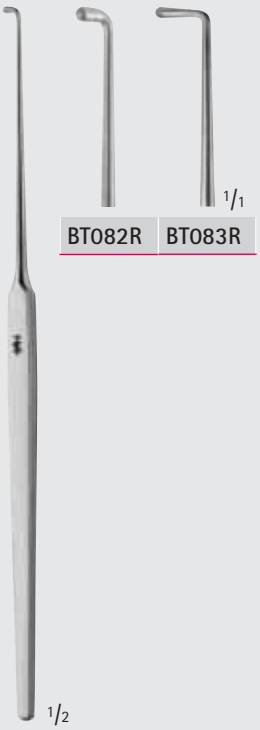
Vein hook

170 mm, 6 3/4"

CRILE

BT080R

200 mm, 8"



CUSHING

BT082R–BT083R

190 mm, 7 1/2"

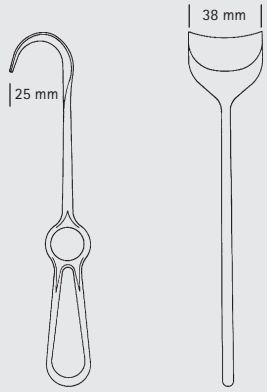
Wundhaken – Wound Retractors

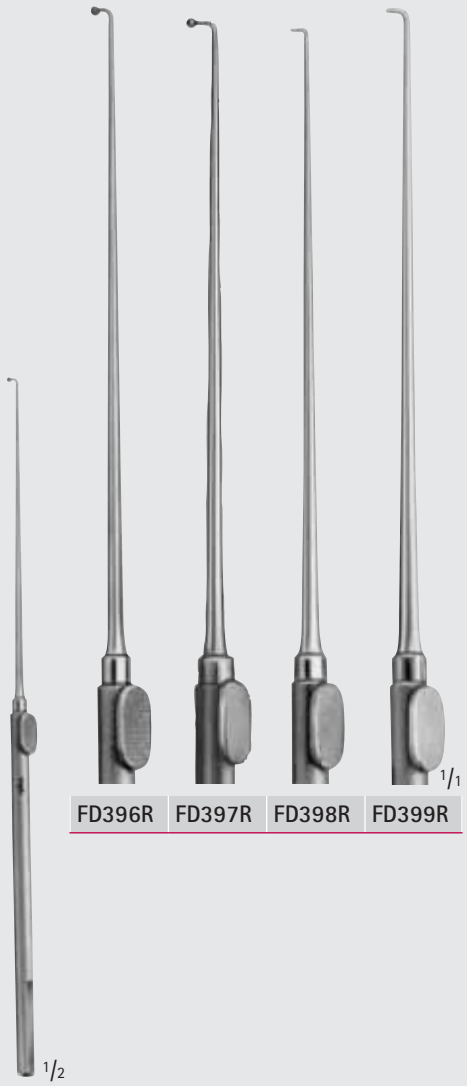
Nerv- und Gefäßhäkchen

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



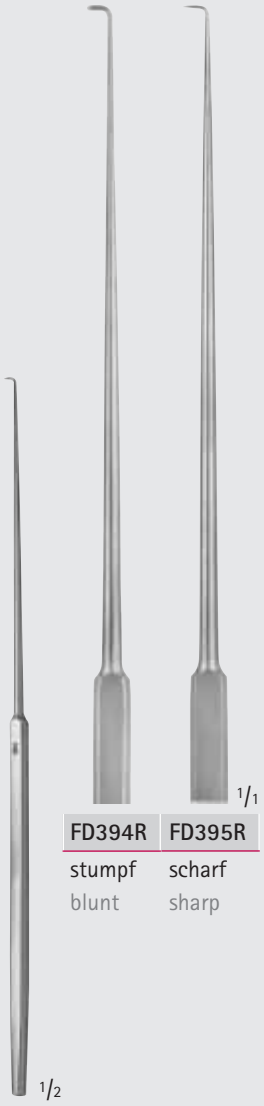


FD396R	FD397R	FD398R	FD399R

KRAYENBÜHL

FD396R–FD399R

185 mm, 7 1/4"

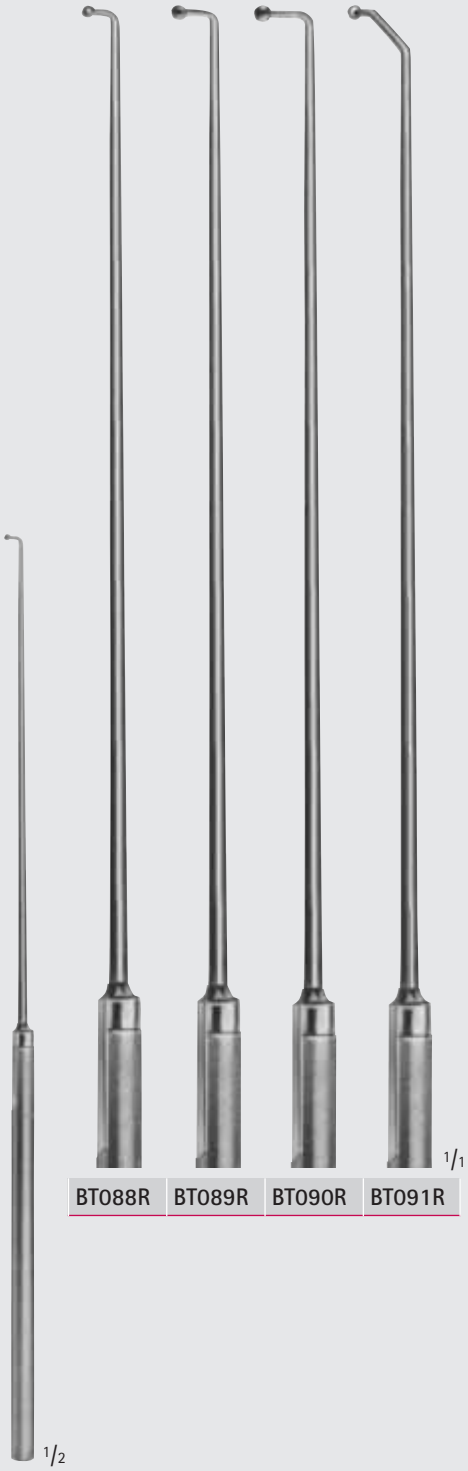


FD394R	FD395R
stumpf	scharf
blunt	sharp

ADSON

FD394R–FD395R

190 mm, 7 1/2"

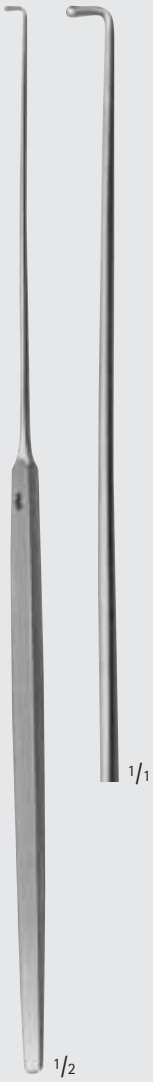


BT088R | BT089R | BT090R | BT091R

CASPAR

BT088R–BT091R

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



CUSHING

BT084R

280 mm, 11"

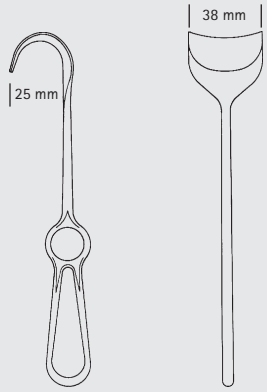
Wundhaken – Wound Retractors

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

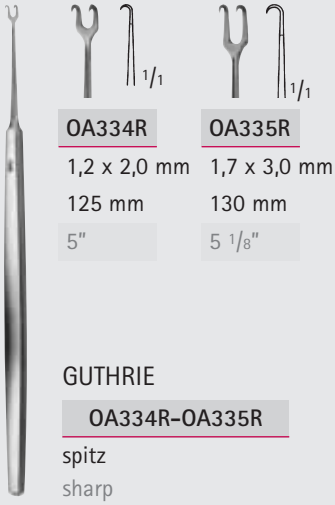


OA332R	OA333R
spitz	stumpf
sharp	blunt

GRAEFE

OA332R-OA333R

125 mm, 5"

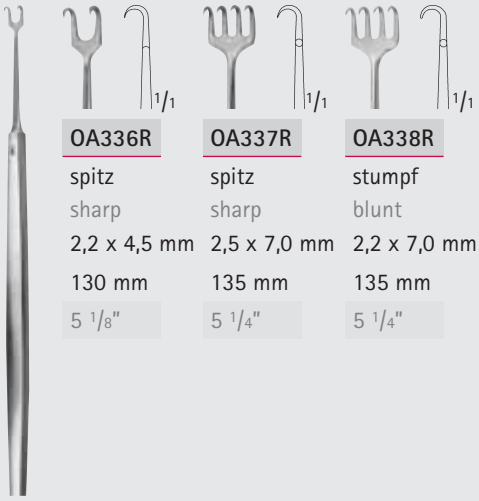


OA334R	OA335R
1,2 x 2,0 mm	1,7 x 3,0 mm
125 mm	130 mm
5"	5 1/8"

GUTHRIE

OA334R-OA335R

spitz
sharp



OA336R	OA337R	OA338R
spitz	spitz	stumpf
sharp	sharp	blunt
2,2 x 4,5 mm	2,5 x 7,0 mm	2,2 x 7,0 mm
130 mm	135 mm	135 mm
5 1/8"	5 1/4"	5 1/4"

ROLLET

OA336R-OA338R

CAIRNS

FF313R

Durahäkchen
Dura retractor
130 mm, 5 1/8"

FRAZIER

FF321R

Durahäkchen
Dura retractor
130 mm, 5 1/8"

TÖNNIS

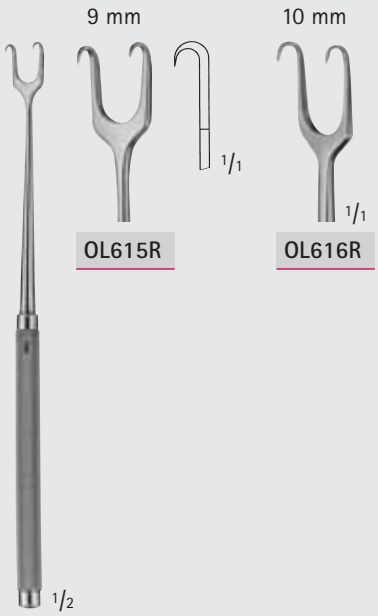
FF322R

Durahäkchen
Dura retractor
150 mm, 6"

KILNER

OL610R

160 mm, 6 1/4"



OL615R OL616R

MC INDOE

OL615R-OL616R

150 mm, 6"

FREER

OL621R

150 mm, 6"

MÜLLER

OL626R

150 mm, 6"

MÜLLER

OL627R

150 mm, 6"

COTTLE

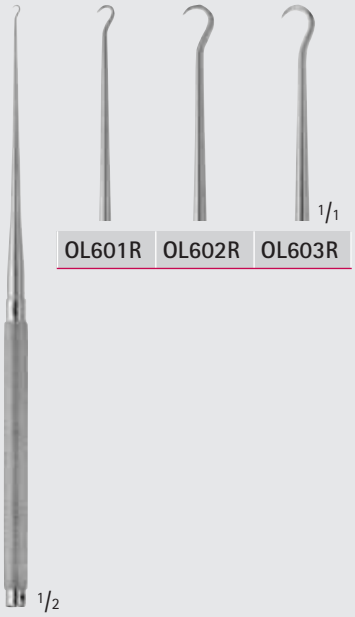
OL617R

160 mm, 6 1/4"

COTTLE

OL619R

160 mm, 6 1/4"



OL601R OL602R OL603R

KLEINERT-KUTZ

OL601R-OL603R

160 mm, 6 3/8"

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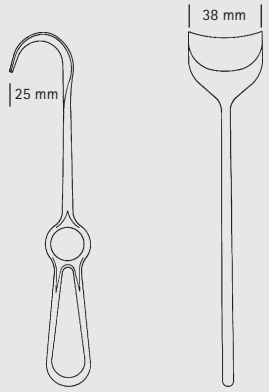
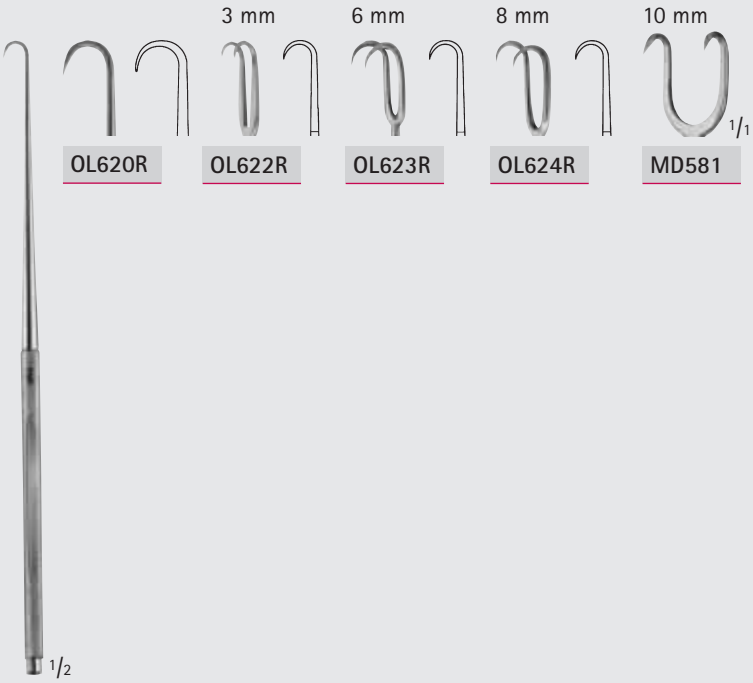


JÄGER

OA351R

135 mm, 5 1/4"



OL620R OL622R OL623R OL624R MD581

JOSEPH

OL620R-MD581R

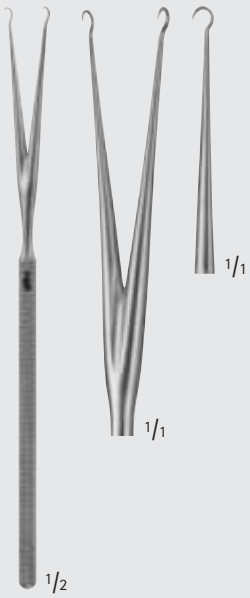
165 mm, 6 1/2"

OL611R OL612R

GILLIES

OL611R-OL612R

180 mm, 7"



BARSKY

OL614R

155 mm, 6"

FD375R

Durahäkchen

Dura retractor

185 mm, 7 1/4"

FISCH

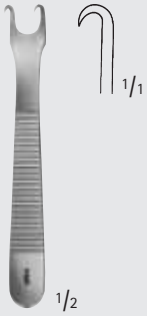
FD376R

Durahäkchen

Dura retractor

185 mm, 7 1/4"

3 x 11 mm



KILNER

OL206R

spitz

sharp

80 mm, 3 1/4"

7 x 12 mm

8 x 12 mm

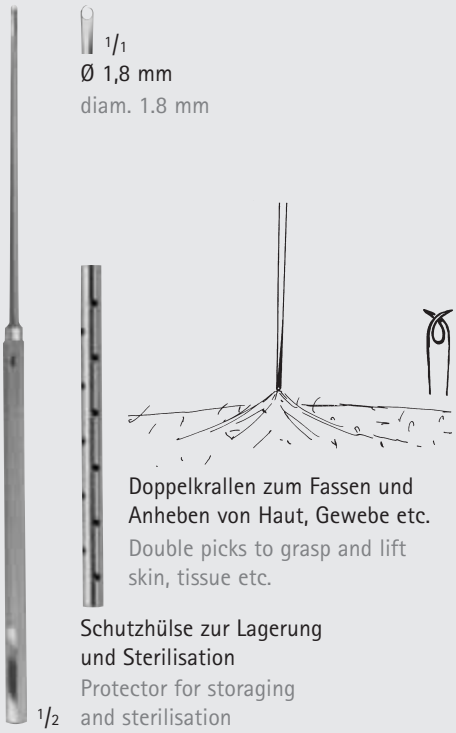
CONVERSE

OL207R

stumpf

blunt

120 mm, 4 3/4"



Ø 1,8 mm

diam. 1.8 mm

Doppelkrallen zum Fassen und Anheben von Haut, Gewebe etc.

Double picks to grasp and lift skin, tissue etc.

Schutzhülse zur Lagerung und Sterilisation

Protector for storaging and sterilisation

FD392R

Gewebekralle

Tissue pick

185 mm, 7 1/4"

Wundhaken – Wound Retractors

Wund- und Trachealhäkchen

Wound- and Trachea Retractors

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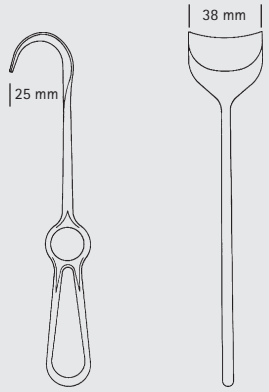


7 mm

BERGMANN

BT100R

140 mm, 5 1/2"

BOSE

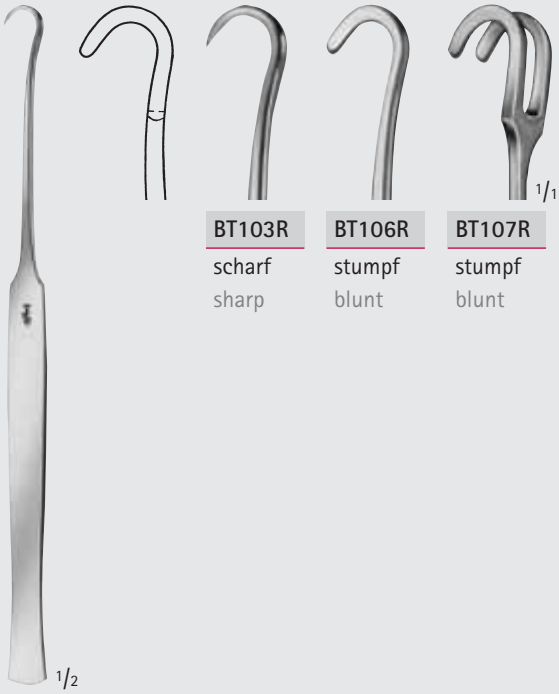
FA025R

165 mm, 6 1/2"

BOSE

FA026R

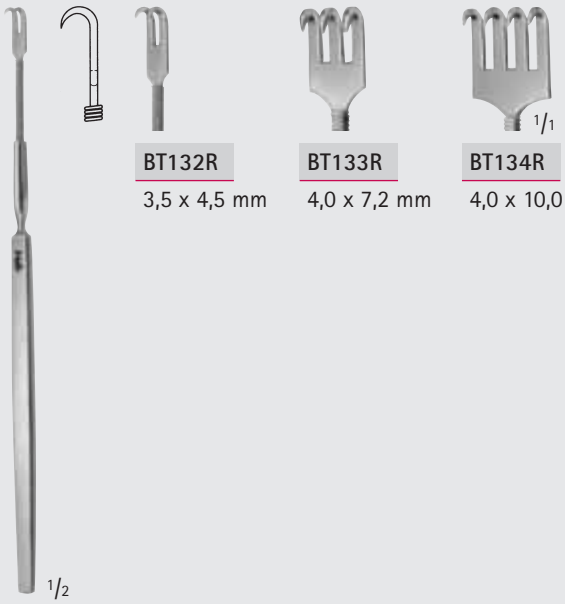
165 mm, 6 1/2"



BT103R	BT106R	BT107R
scharf	stumpf	stumpf
sharp	blunt	blunt

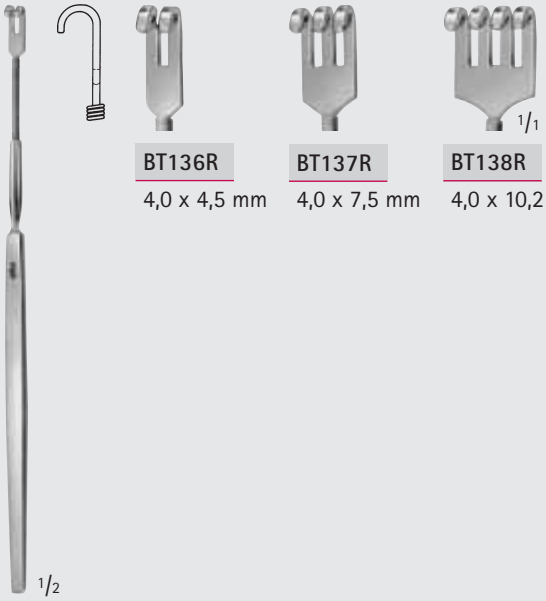
BT103R-BT107R

180 mm, 7"



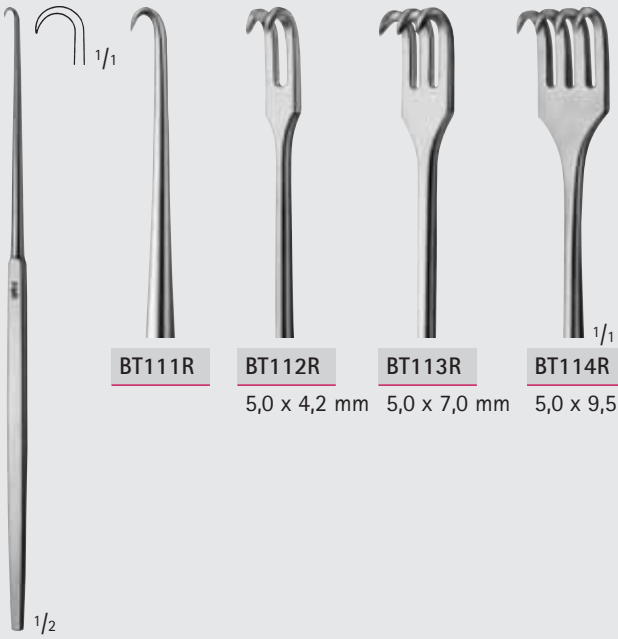
BT132R	BT133R	BT134R
3,5 x 4,5 mm	4,0 x 7,2 mm	4,0 x 10,0 mm

BT132R–BT134R
flexibler Schaft, scharf
flexible shaft, sharp
155 mm, 6"



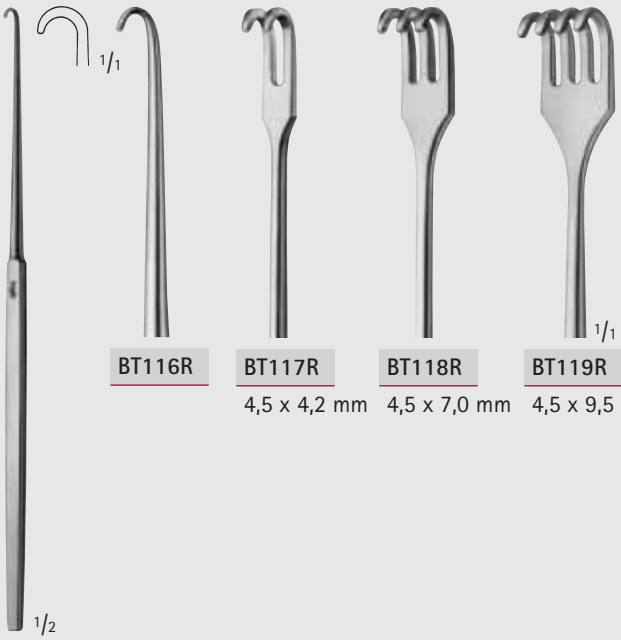
BT136R	BT137R	BT138R
4,0 x 4,5 mm	4,0 x 7,5 mm	4,0 x 10,2 mm

BT136R–BT138R
flexibler Schaft, stumpf
flexible shaft, blunt
155 mm, 6"



BT111R	BT112R	BT113R	BT114R
	5,0 x 4,2 mm	5,0 x 7,0 mm	5,0 x 9,5 mm

BT111R–BT114R
enge Biegung, scharf
small curve, sharp
165 mm, 6 1/2"



BT116R	BT117R	BT118R	BT119R
	4,5 x 4,2 mm	4,5 x 7,0 mm	4,5 x 9,5 mm

BT116R–BT119R
enge Biegung, stumpf
small curve, blunt
165 mm, 6 1/2"

Wundhaken – Wound Retractors

Wund- und Trachealhäkchen

Wound- and Trachea Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
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Dimensions for blade size of retractors
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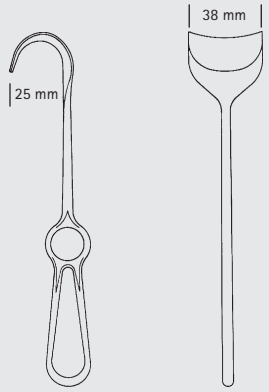

BT121R	BT122R	BT123R	BT124R
	7,5 x 7,5 mm	7,5 x 10,0 mm	7,5 x 14 mm

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"

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

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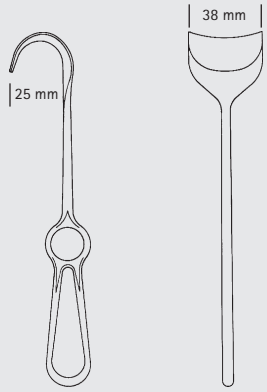

MANNERFELT MODIF.

BT933R

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

MANNERFELT MODIF.

BT940R

hohlgekehlt
hollow grooved
155 mm, 6"

LANGENBECK-MANNERFELT MODIF.

BT943R–BT946R

155 mm, 6"

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"

Wundhaken – Wound Retractors

Wundhaken

Retractors

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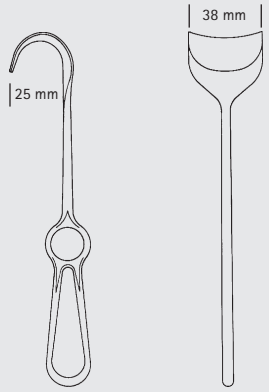


FOMON

OL202R

145 mm, 5 3/4"

BT173R

BT174R

BT173R–BT174R

160 mm, 6 1/4"

BT177R

16 x 6 mm

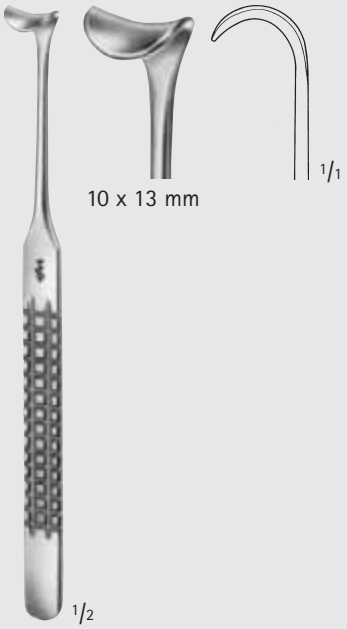
BT178R

24 x 6 mm

LANGENBECK-GREEN

BT177R–BT178R

160 mm, 6 1/4"



10 x 13 mm

BT179R

160 mm, 6 1/4"

Fig. A

BT193R

18 x 7 mm

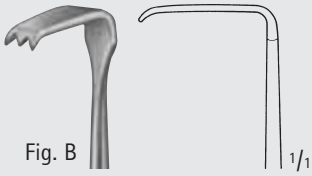


Fig. B

BT194R

16 x 5 mm

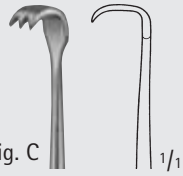


Fig. C

BT195R

7 x 4 mm

Fig. D

BT196R

5 x 10 mm

Fig. E

BT197R

11 x 4 mm

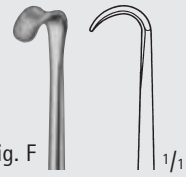


Fig. F

BT198R

6 x 4 mm

MEYERDING

BT193R–BT198R

Fig. A - Fig. F

180 mm, 7"

Wundhaken – Wound Retractors

Wundhaken

Retractors

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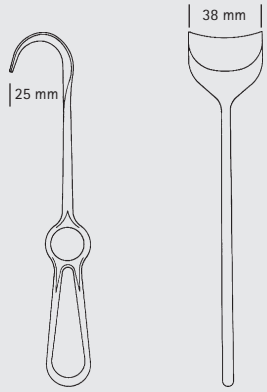


EMMET

BT161R

Fistelhaken
Fistula hook
220 mm, 8 3/4"

SIMON

BT166R

Fistelhaken
Fistula hook

SIMON

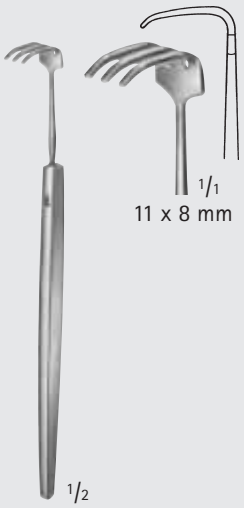
BT167R

Fistelhaken
Fistula hook
220 mm, 8 3/4"

LANGE

OL201R

Fistelhaken
Fistula hook
235 mm, 9"



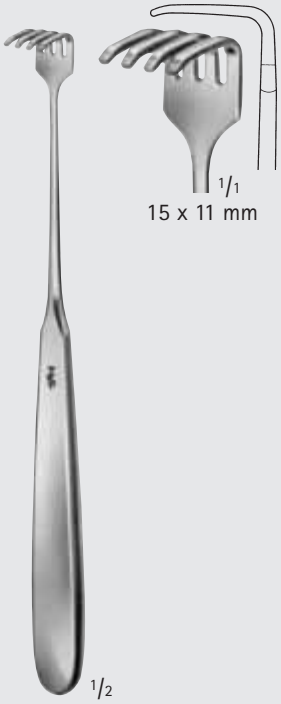
PAUL

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

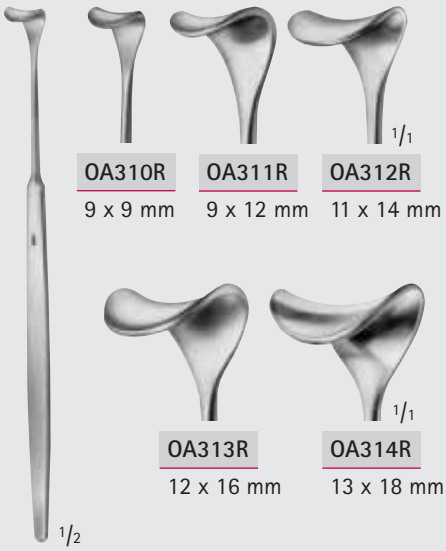
OL211R

140 mm, 5 1/2"

COTTLE

OL212R

140 mm, 5 1/2"



DESMARRES

OA310R–OA314R

140 mm, 5 1/2"

Wundhaken – Wound Retractors

Wund- und Venenhaken

Wound- and Vein Retractors

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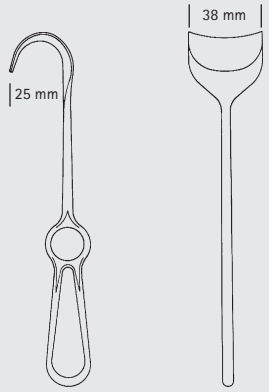

BT182R
13 x 13 mm

BT183R
12 x 16 mm

KÖNIG

BT182R-BT183R

180 mm, 7"

10 x 10 mm

CUSHING-KOCHER

BT190R

175 mm, 7"

BT457R
20 x 12 mm

BT458R
20 x 15 mm

KOCHER

BT457R-BT458R

205 mm, 8"

SCHOENBORN

BT192R

200 mm, 8"

BT184R
10 x 13 mm

BT185R
14 x 18 mm

CUSHING

BT184R-BT185R

205 mm, 8"

BT187R

205 mm, 8"

Wundhaken – Wound Retractors

Wund- und Venenhaken

Wound- and Vein Retractors

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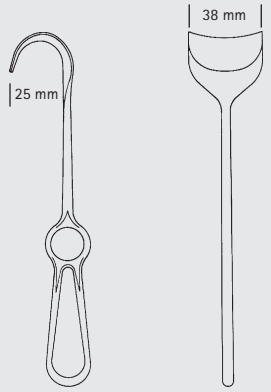


BT200R
11 x 14 mm

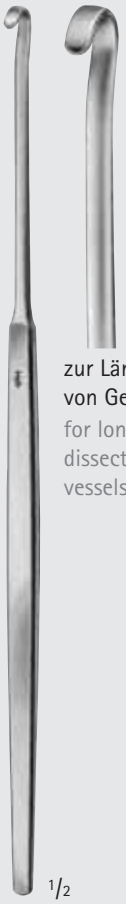
BT201R
13 x 18 mm

BT202R
15 x 22 mm

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"

FF707R
3 mm

FF708R
5 mm

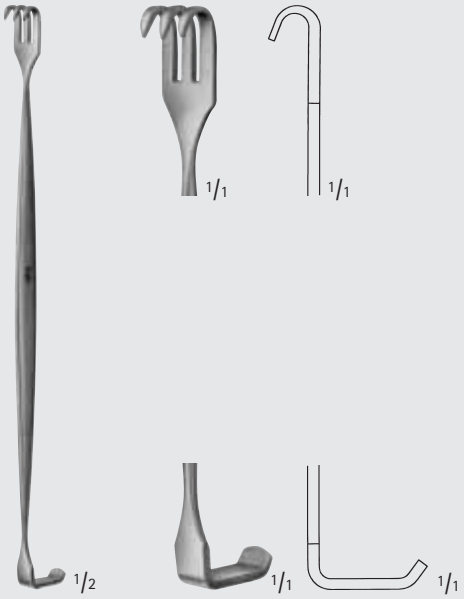
FF709R
7 mm

HESS

FF707R-FF709R

Nervwurzelhaken
Nerve root retractors
175 mm, 7"

5 x 10 mm

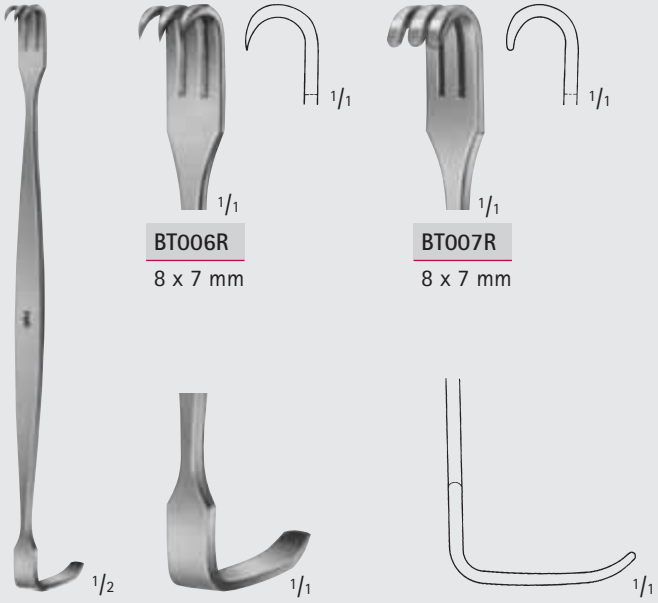


13 x 5 mm

KILNER

BT005R

155 mm, 6"



BT006R

8 x 7 mm

BT007R

8 x 7 mm

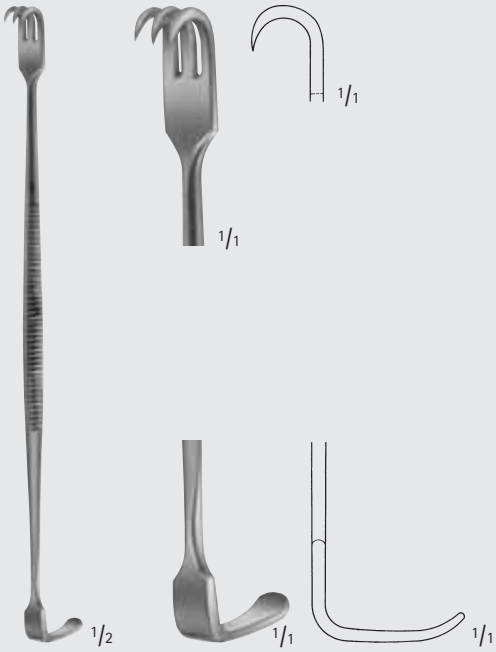
22 x 7 mm

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"

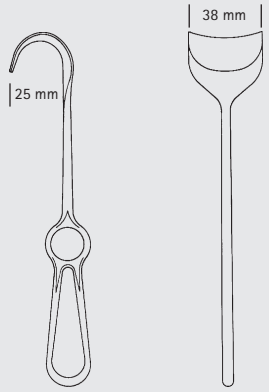
Wundhaken – Wound Retractors

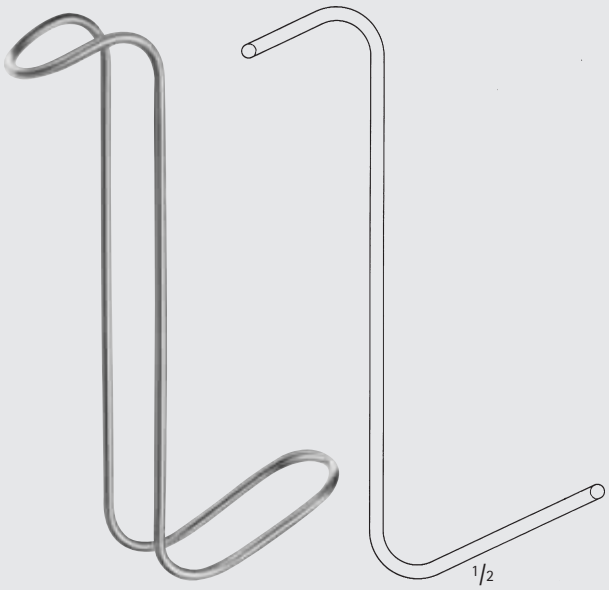
Wundhaken

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





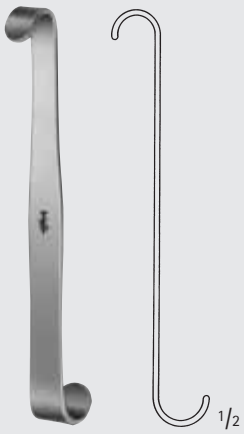
COLLIN-HARTMANN

BT001R
150 mm, 6"

STERNBERG

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

10 x 8 mm



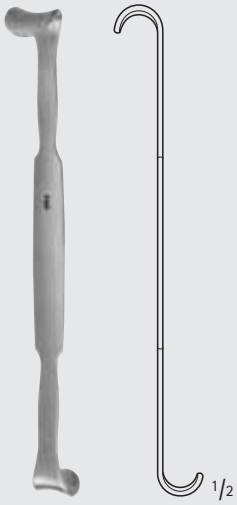
12 x 11 mm

LUER

BT010R

110 mm, 4 3/8"

10 x 12 mm



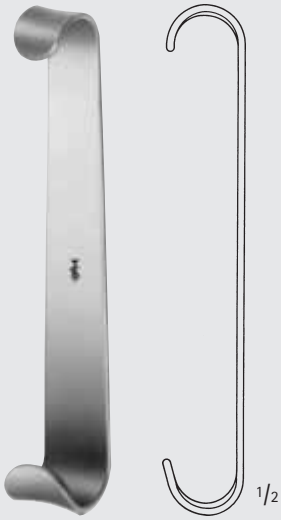
11 x 15 mm

ROSE

BT011R

130 mm, 5 1/8"

17 x 16 mm



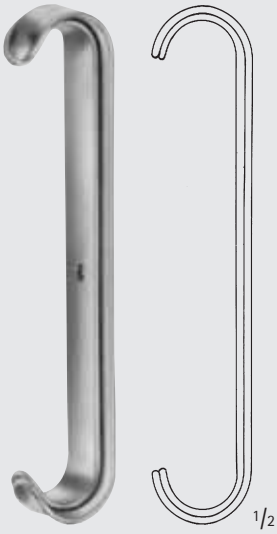
18 x 22 mm

BABY-ROUX

BT019R

135 mm, 5 1/4"

22 x 15 mm
18 x 15 mm



18 x 15 mm
22 x 15 mm

PARKER

BT025R

135 mm, 5 1/4"

5 x 3 mm

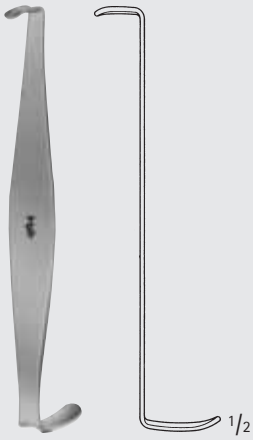
14 x 6,3 mm

RAGNELL

BT004R

150 mm, 6"

11 x 4 mm



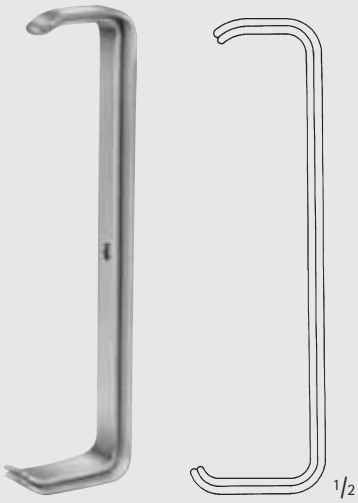
19 x 6 mm

CRILE

BT012R

110 mm, 4 3/8"

25 x 10 mm
22 x 10 mm



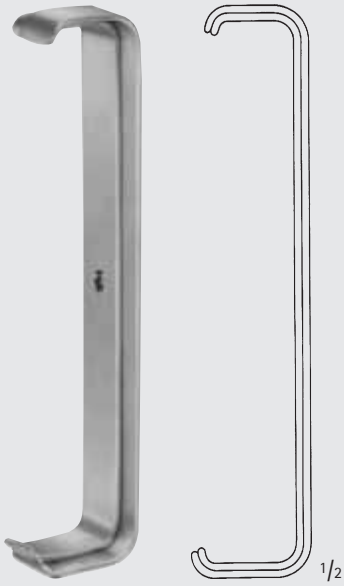
28 x 12 mm
32 x 12 mm

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"

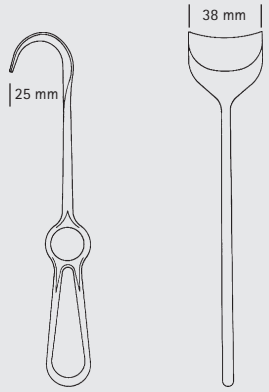
Wundhaken – Wound Retractors

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

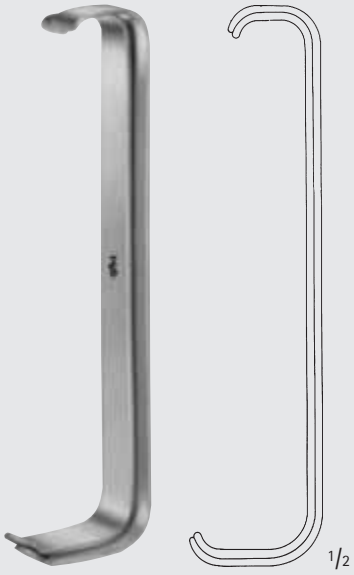
36 x 44 mm
30 x 24 mm

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"

ROUX

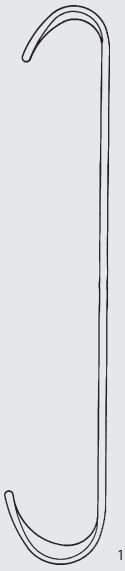
BT030R–BT033R

Satz komplett bestehend aus:

Set complete, consisting of:

BT031R
BT032R
BT033R

165 mm, 6 1/2"



19 x 22 mm

1/2

23 x 30 mm

BT031R

25 x 26 mm

1/2

28 x 38 mm

BT032R

28 x 29 mm

1/2

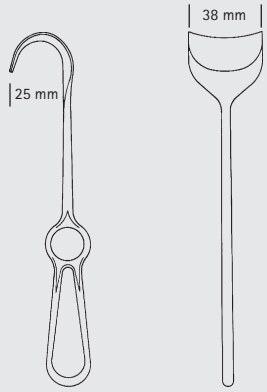
33 x 45 mm

BT033R

BT

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

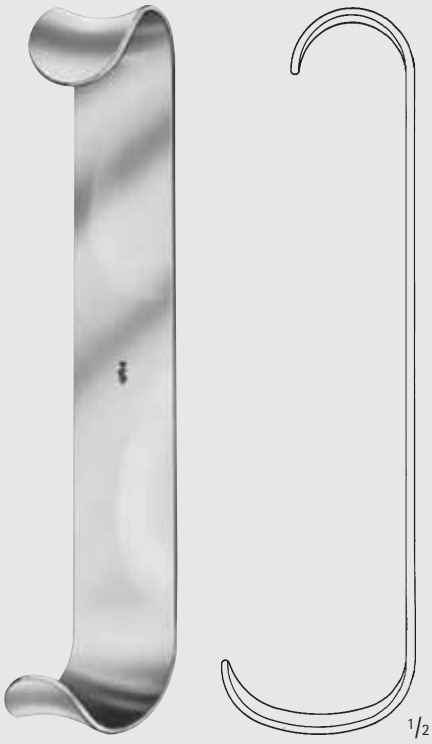
43 x 24 mm

ROUX

BT028R

170 mm, 6 3/4"

28 x 28 mm



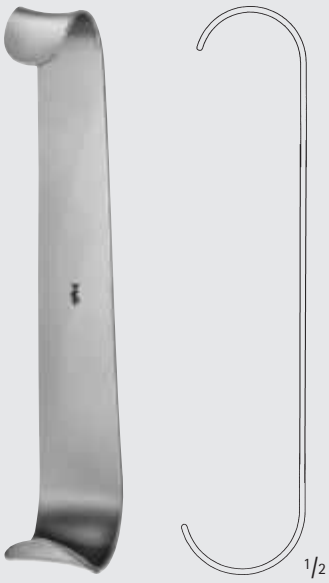
46 x 28 mm

ROUX

BT029R

190 mm, 7 1/2"

30 x 19 mm



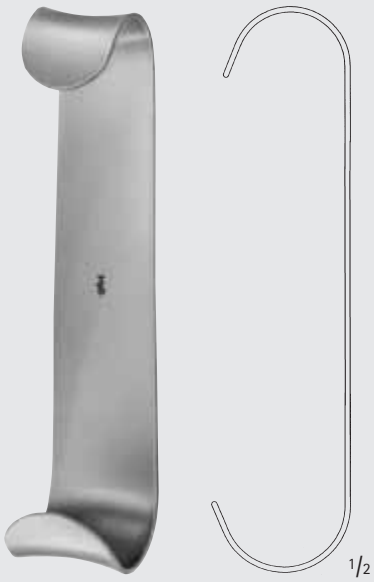
33 x 25 mm

KILNER

OL219R

150 mm, 6"

35 x 29 mm



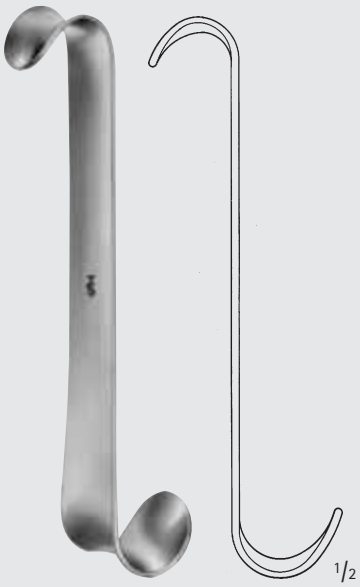
40 x 35 mm

KILNER

OL220R

150 mm, 6"

20 x 22 mm



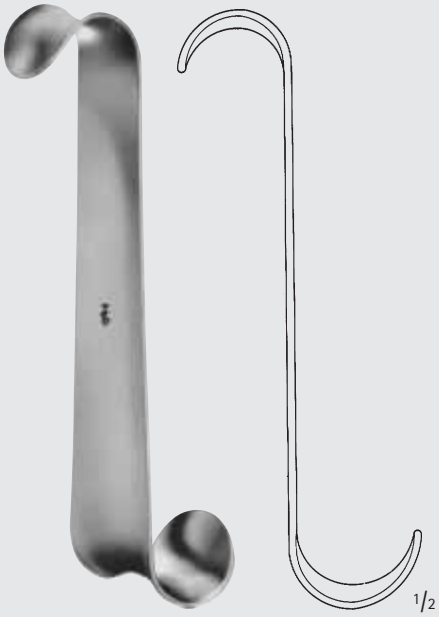
25 x 29 mm

ROUX

BT034R

150 mm, 6"

25 x 26 mm



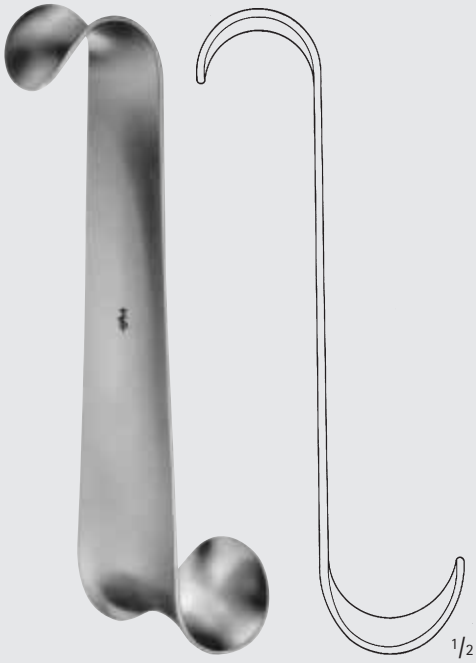
30 x 38 mm

ROUX

BT035R

160 mm, 6 1/4"

28 x 29 mm



33 x 44 mm

ROUX

BT036R

170 mm, 6 3/4"

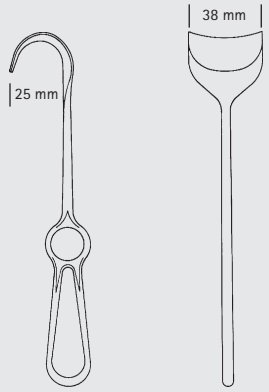
Wundhaken – Wound Retractors

Wundhaken

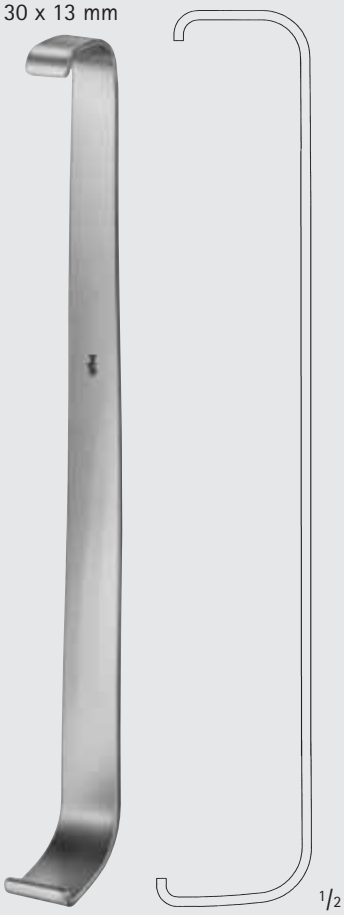
Retractors

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



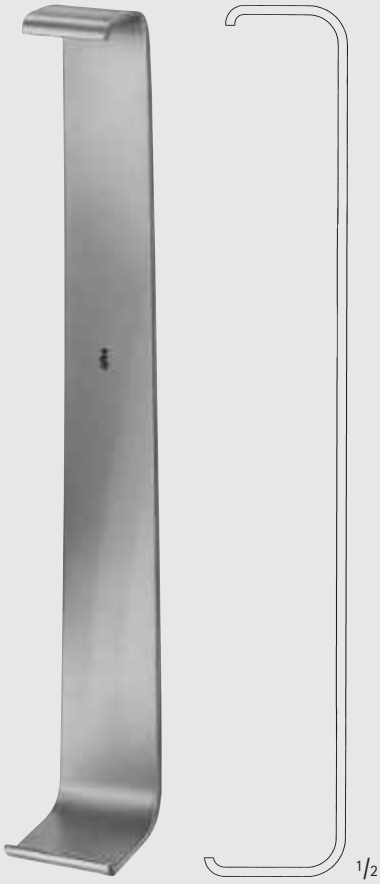
35 x 19 mm

LANE

BT037R

230 mm, 9"

30 x 25 mm



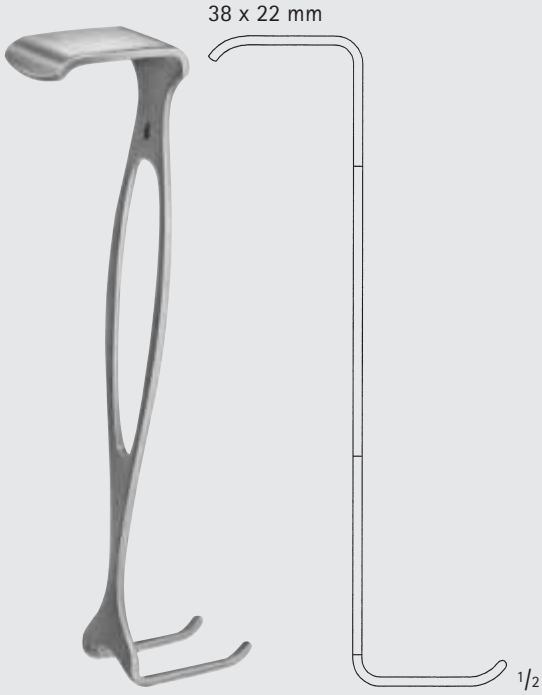
35 x 32 mm

LANE

BT038R

230 mm, 9"

38 x 22 mm



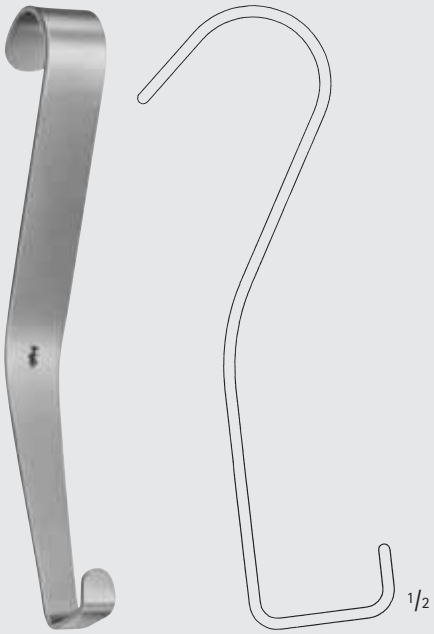
38 x 22 mm

CZERNY

BT042R

175 mm, 7"

30 x 18 mm



25 x 10 mm

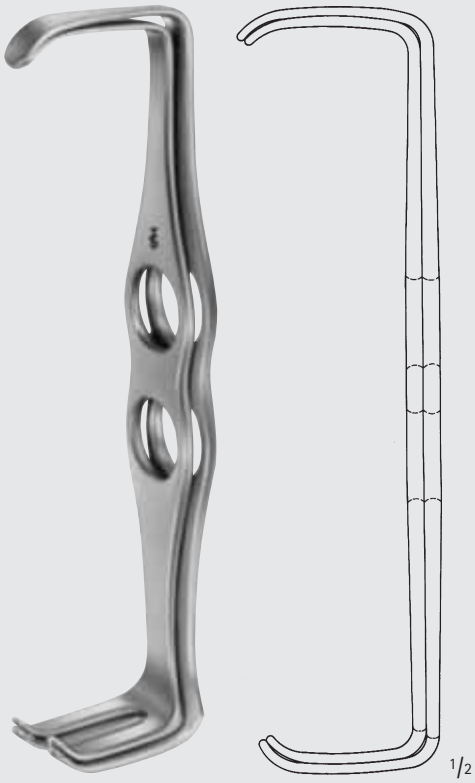
HAJEK

OL221R

165 mm, 6 1/2"

47 x 13 mm
41 x 13 mm

38 x 22 mm



37 x 25 mm
45 x 25 mm

38 x 22 mm

MATHIEU

BT040R

200 mm, 8"

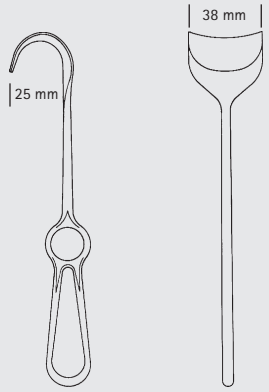
Wundhaken – Wound Retractors

Wundhaken

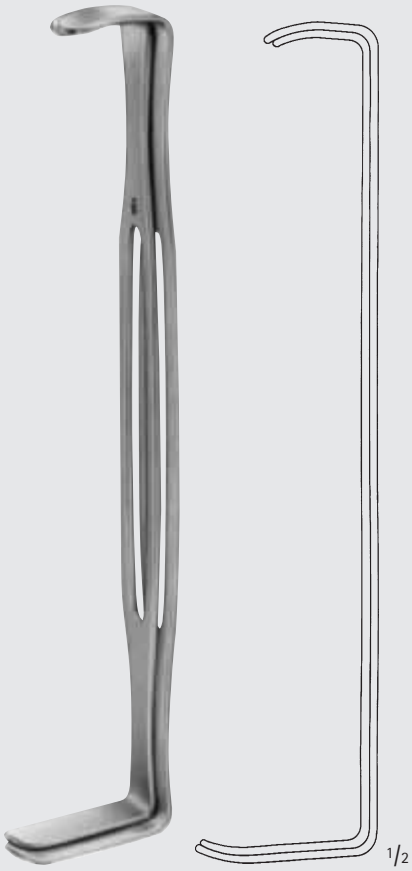
Retractors

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



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"

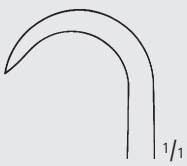
CANNY-RYALL

		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

KOCHER

BT234R

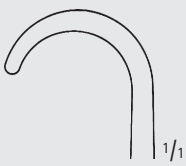
scharf
sharp
205 mm, 8"



KOCHER

BT238R

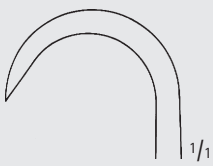
scharf
sharp
220 mm, 8 3/4"



KOCHER

BT239R

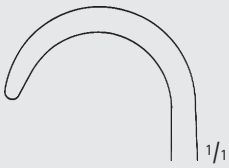
stumpf
blunt
220 mm, 8 3/4"



VOLKMANN

BT240R

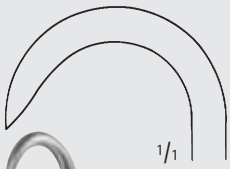
scharf
sharp
220 mm, 8 3/4"



VOLKMANN

BT241R

stumpf
blunt
220 mm, 8 3/4"



BT232R

scharf
sharp
245 mm, 9 3/4"

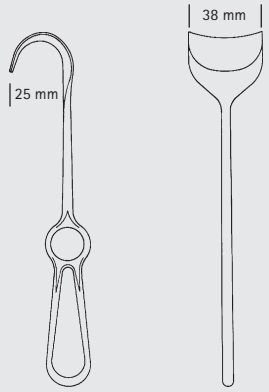
Wundhaken – Wound Retractors

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"

scharf
sharp

BT222R	BT223R	BT224R	BT225R
9 x 8 mm	9 x 13 mm	9 x 19 mm	9 x 29 mm

stumpf
blunt

BT227R	BT228R	BT229R	BT230R
8.5 x 8 mm	8.5 x 13 mm	8.5 x 19 mm	8.5 x 29 mm

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"

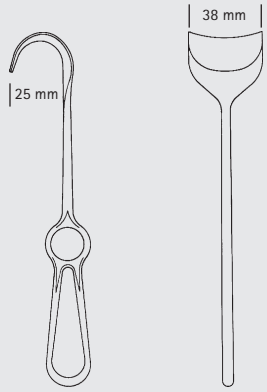
Wundhaken – Wound Retractors

Wundhaken

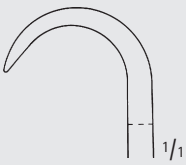
Retractors

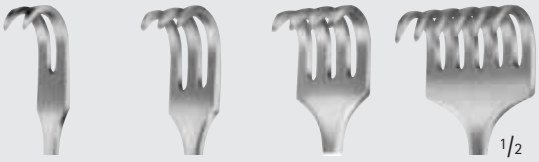
Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



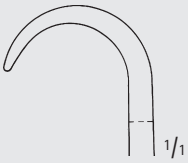
halbscharf
semi-sharp

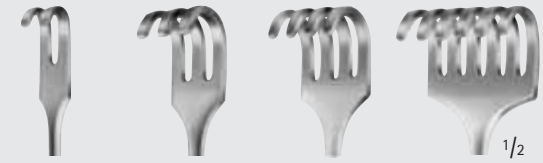




BT262R	BT263R	BT264R	BT266R
16 x 9 mm	16 x 14 mm	16 x 20 mm	16 x 30 mm

stumpf
blunt





BT272R	BT273R	BT274R	BT276R
15.5 x 9 mm	15.5 x 14 mm	15.5 x 20 mm	15.5 x 30 mm

KOCHER

BT262R–BT276R

220 mm, 8 3/4"

MURPHY

BT293R–BT296R

195 mm, 7 3/4"

BT293R
scharf
sharp

BT294R
scharf
sharp

BT295R
stumpf
blunt

BT296R
stumpf
blunt

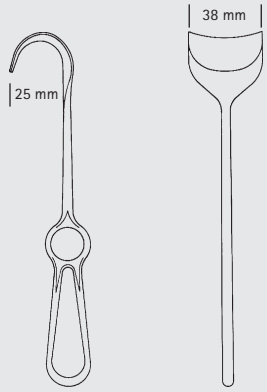
Wundhaken – Wound Retractors

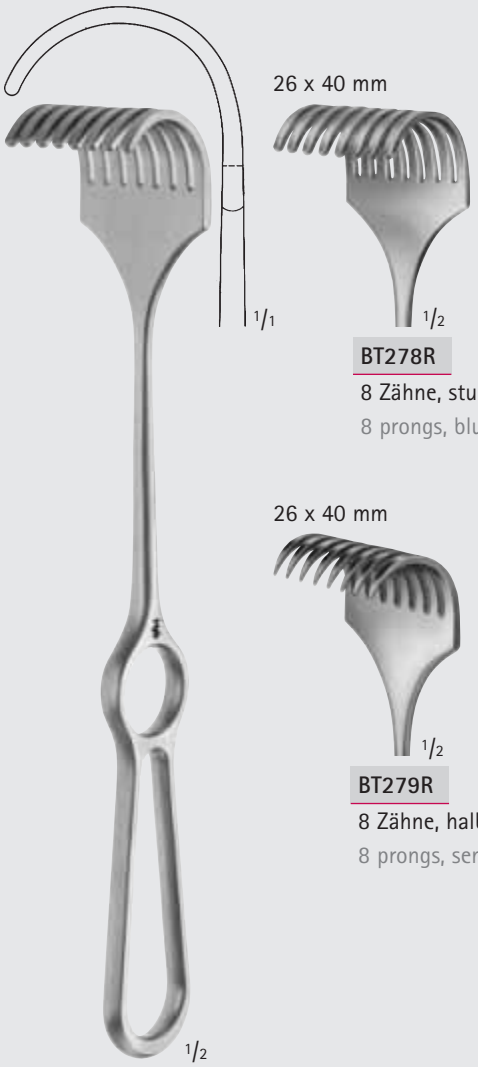
Wundhaken, tiefe Form

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





26 x 40 mm

BT278R
8 Zähne, stumpf
8 prongs, blunt

26 x 40 mm

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

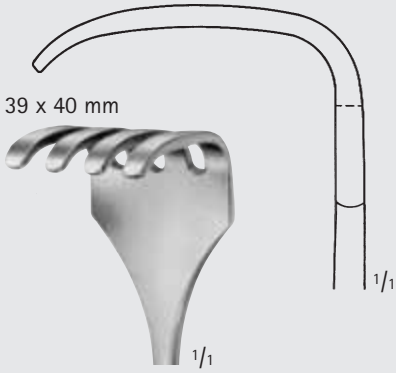
BT290R
8 Zähne, halbscharf
8 prongs, semi-sharp
280 mm, 11"

ISRAEL

BT284R–BT287R

255 mm, 10"

39 x 40 mm

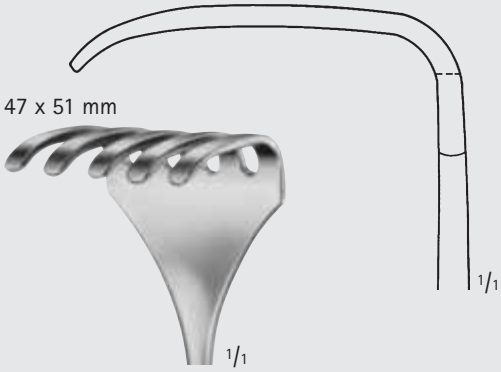


BT284R

4 Zähne, stumpf

4 prongs, blunt

47 x 51 mm

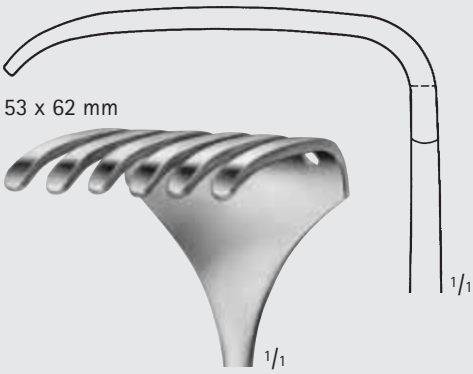


BT285R

5 Zähne, stumpf

5 prongs, blunt

53 x 62 mm

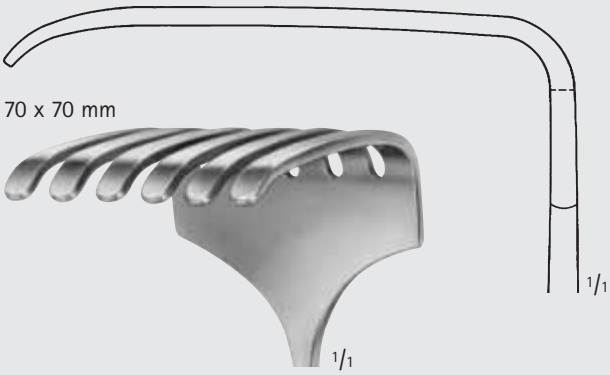


BT286R

6 Zähne, stumpf

6 prongs, blunt

70 x 70 mm



BT287R

6 Zähne, stumpf

6 prongs, blunt

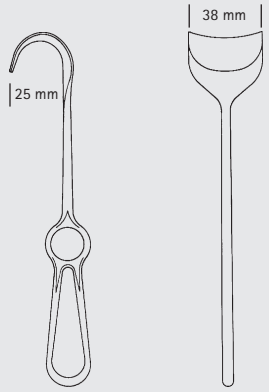
Wundhaken – Wound Retractors

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



35 x 55 mm

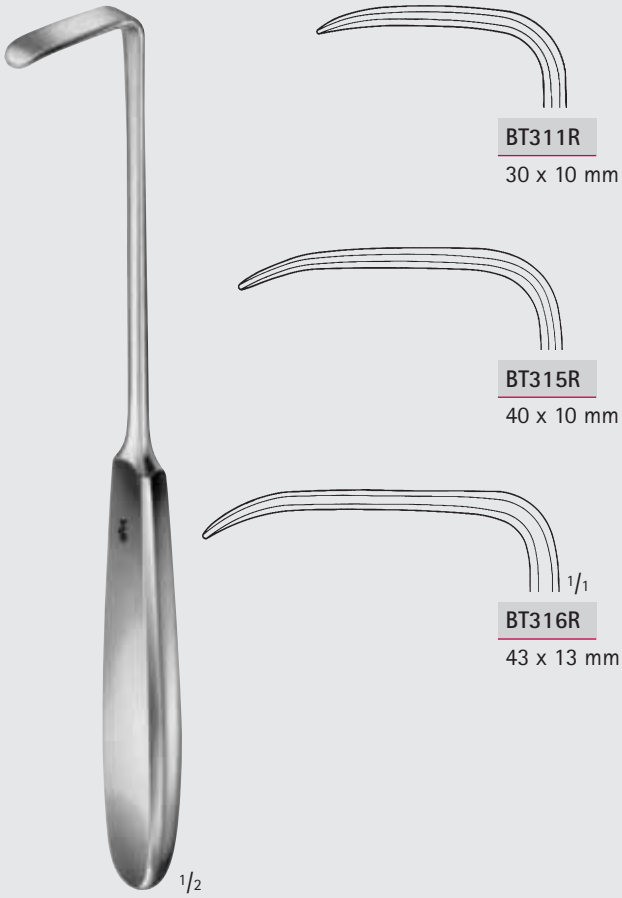
OLLIER

BT288R

4 Zähne, stumpf

4 prongs, blunt

230 mm, 9"



BT311R
30 x 10 mm

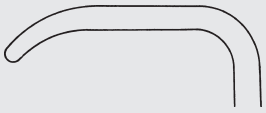
BT315R
40 x 10 mm

BT316R
43 x 13 mm

LANGENBECK

BT311R–BT316R

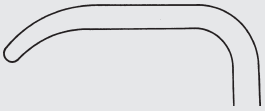
230 mm, 9"



1/1

BT320R

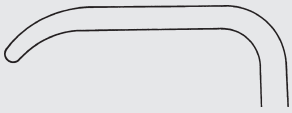
28 x 10 mm



1/1

BT321R

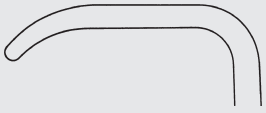
28 x 14 mm



1/1

BT322R

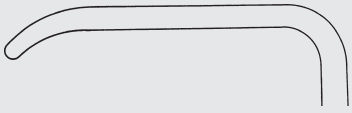
33 x 14 mm



1/1

BT323R

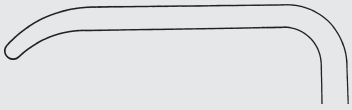
28 x 16 mm



1/1

BT325R

40 x 10 mm



1/1

BT326R

40 x 13 mm

1/2

LANGENBECK

BT320R–BT326R

210 mm, 8 1/4"

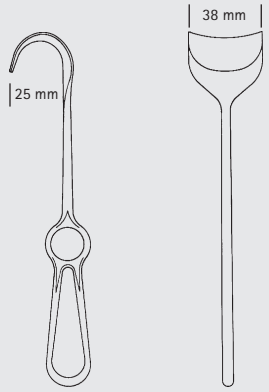
Wundhaken – Wound Retractors

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

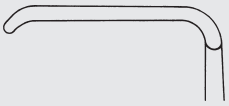


1/2

KOCHER-LANGENBECK

BT354R–BT365R

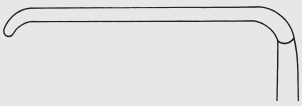
215 mm, 8 1/2"



1/1

BT354R

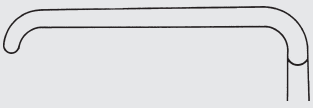
25 x 6 mm



1/1

BT356R

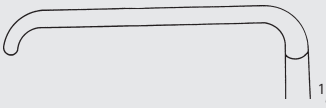
35 x 8 mm



1/1

BT357R

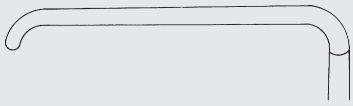
35 x 11 mm



1/1

BT358R

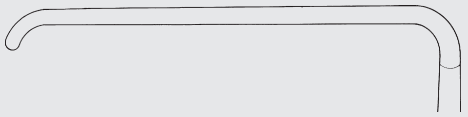
35 x 15 mm



1/1

BT359R

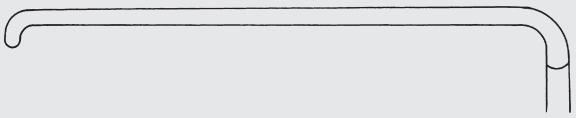
41 x 11 mm



1/1

BT361R

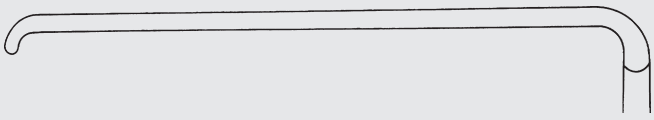
55 x 11 mm



1/1

BT363R

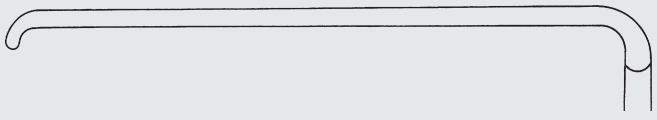
70 x 14 mm



1/1

BT364R

80 x 12 mm

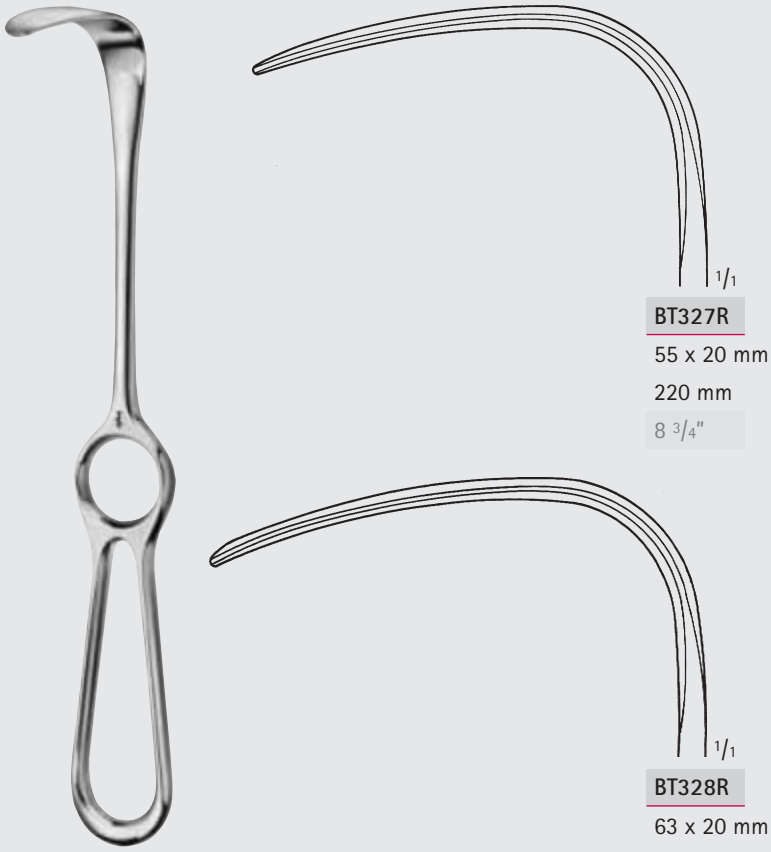


1/1

BT365R

80 x 16 mm

BT340R
210 mm, 8 1/4"



BT327R-BT328R

BT327R
55 x 20 mm
220 mm
8 3/4"

BT328R
63 x 20 mm
210 mm
8 1/4"

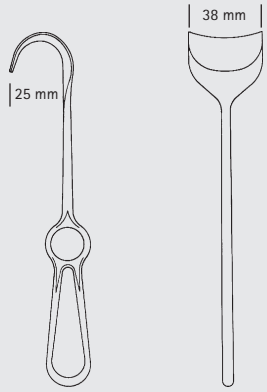
Wundhaken – Wound Retractors

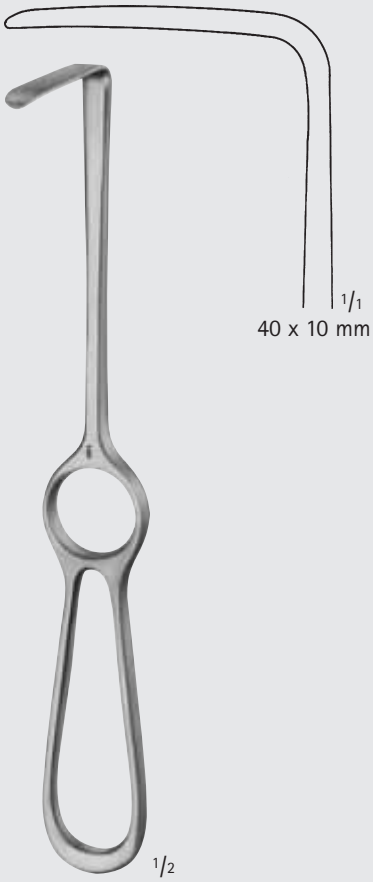
Wundhaken

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





BT343R

215 mm, 8 1/2"

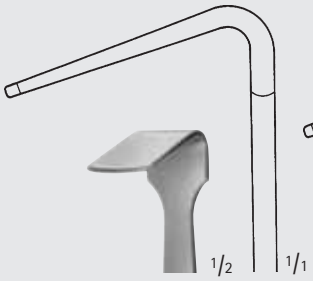
LANGENBECK

BT332R

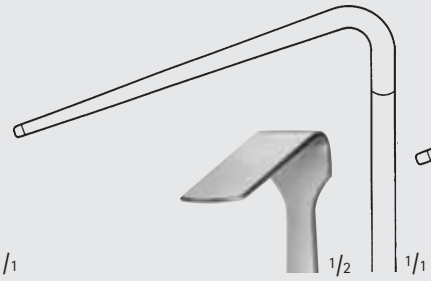
Griff vertikal zum Blatt

Handle vertical to the blade

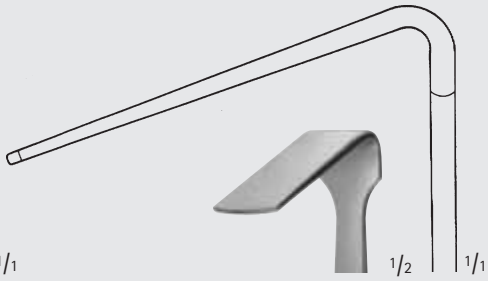
215 mm, 8 1/2"



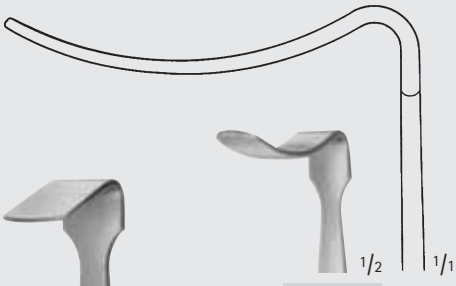
BT421R
32 x 19 mm



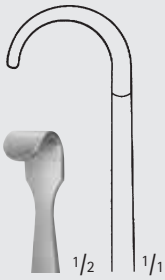
BT422R
48 x 19 mm



BT423R
57 x 19 mm



BT424R
52 x 13 mm



BT425R
12 x 13 mm

SMILLIE

BT421R–BT425R

140 mm, 5 1/2"

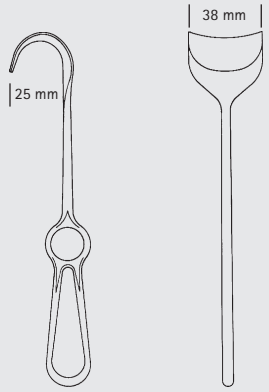
Wundhaken – Wound Retractors

Wund- und Meniskushaken

Retractors and Knee Retractors

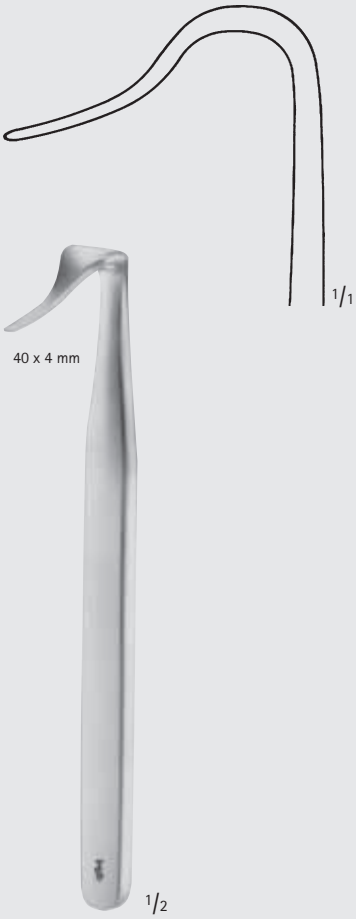
Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



BT419R

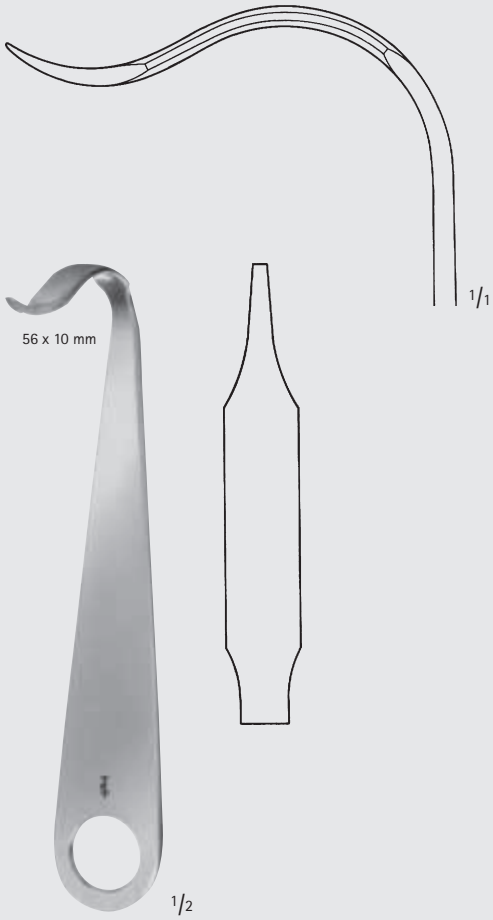
225 mm, 9"



BLOUNT

BT420R

175 mm, 7"

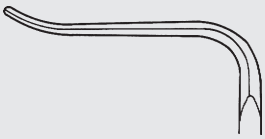


BT430R

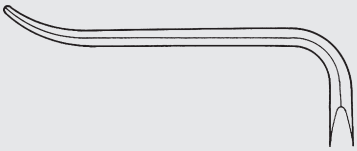
170 mm, 6 3/4"

BT

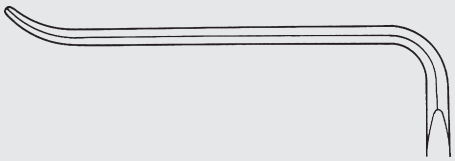
DO450R
25 x 7 mm



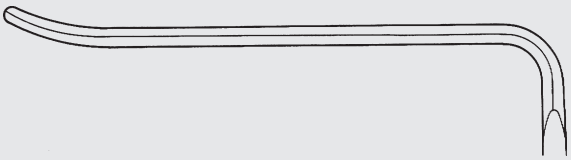
DO451R
31 x 10 mm



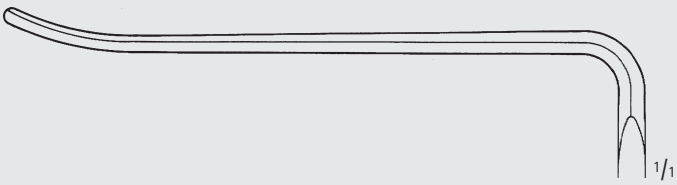
DO452R
42 x 11 mm



DO453R
55 x 12 mm



DO454R
70 x 14 mm



1/1

DO455R
80 x 16 mm

1/2

OBWEGESER

DO450R–DO455R

215 mm, 8 1/2"

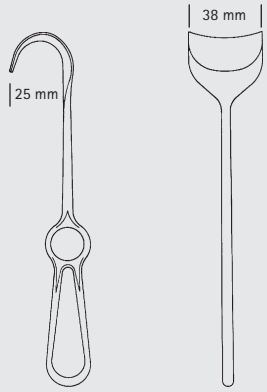
Wundhaken – Wound Retractors

Wundhaken

Retractors

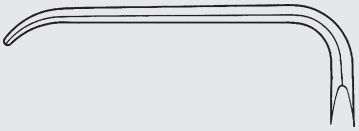
Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

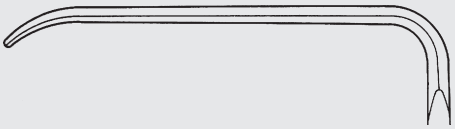


DO460R
25 x 7 mm

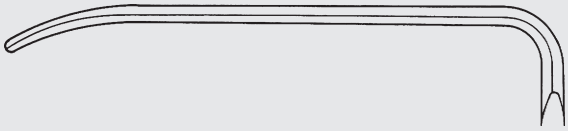
DO461R
31 x 10 mm



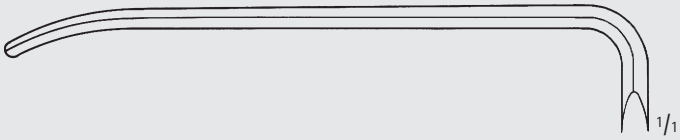
DO462R
42 x 11 mm



DO463R
55 x 12 mm



DO464R
70 x 14 mm



1/1

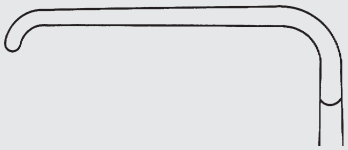
DO465R
80 x 16 mm

1/2

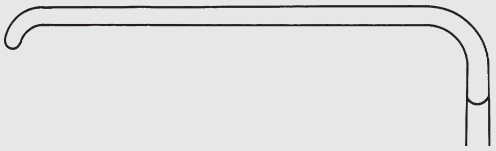
OBWEGESER

DO460R–DO465R

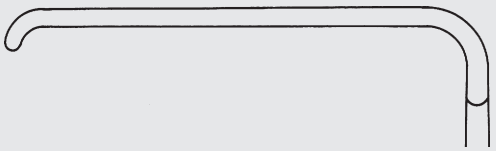
215 mm, 8 1/2"



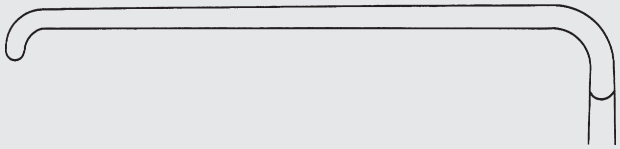
BT369R
40 x 18 mm



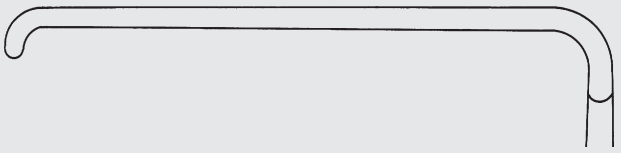
BT370R
60 x 20 mm



BT371R
60 x 25 mm



BT372R
75 x 30 mm



1/1

BT373R
75 x 40 mm

1/2

KOCHER

BT369R–BT373R
230 mm, 9"

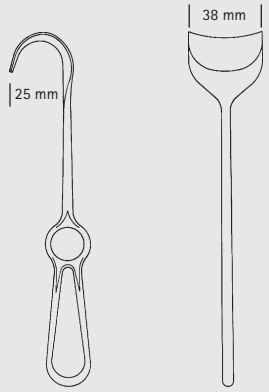
Wundhaken – Wound Retractors

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

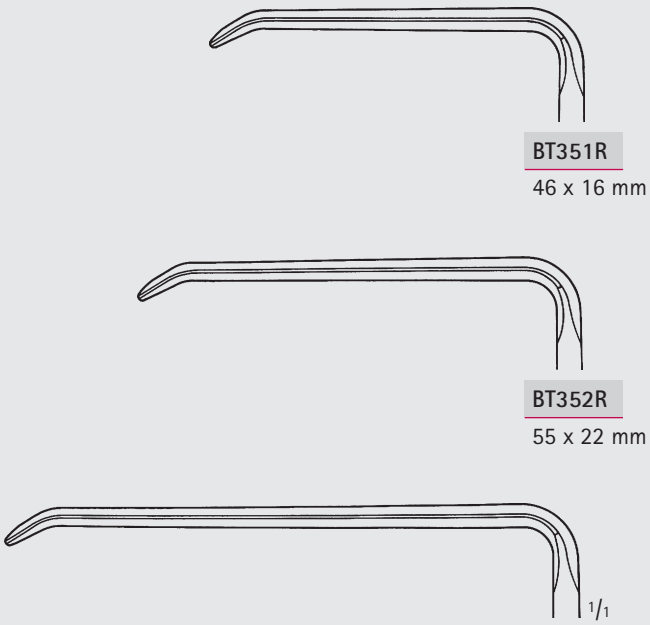


1/2

SAUERBRUCH

BT351R–BT353R

225 mm, 9"



1/1

BT351R
46 x 16 mm

BT352R
55 x 22 mm

BT353R
72 x 19 mm

1/2

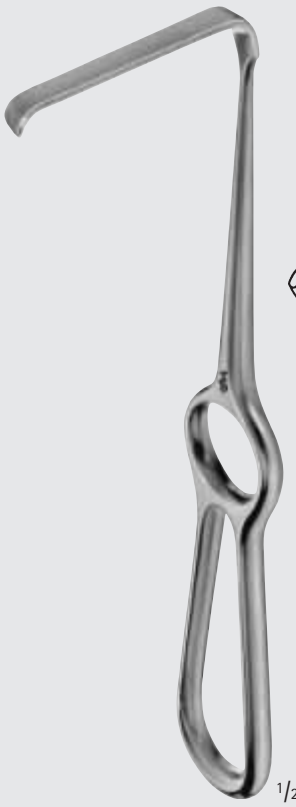
LAHEY

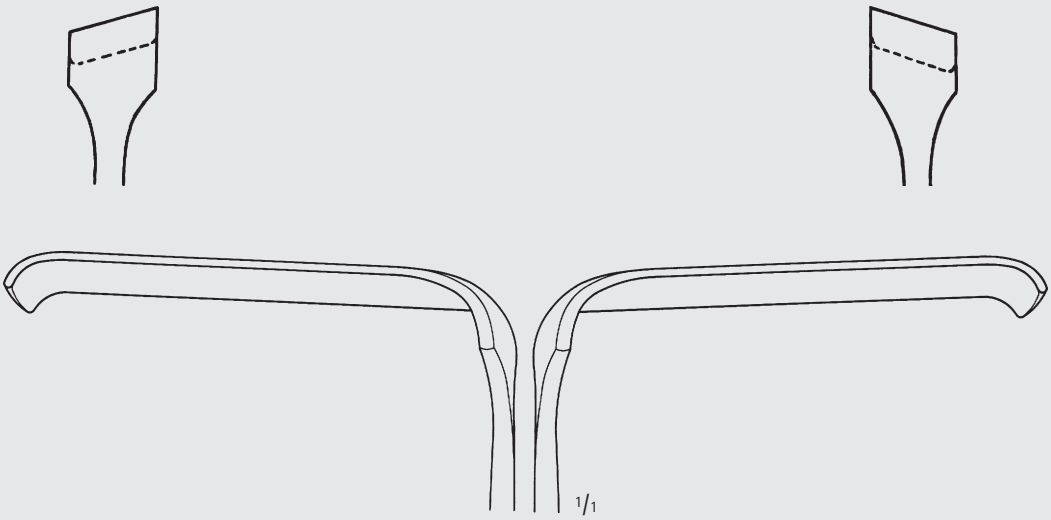
MB785R

200 mm, 8"

1/1

24 x 8 mm





1/1

DO440R
60 x 11 mm

DO441R
60 x 11 mm

KIRSCH

DO440R-DO441R

1/2

210 mm, 8 1/4"

1/1

16 x 25 mm

1/2

DURHAM

BT400R

215 mm, 8 1/2"

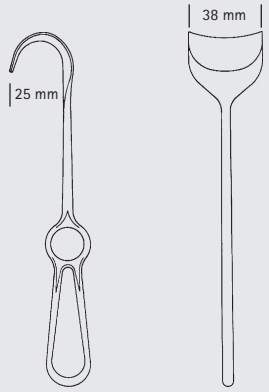
Wundhaken – Wound Retractors

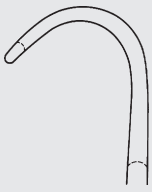
Wundhaken

Retractors

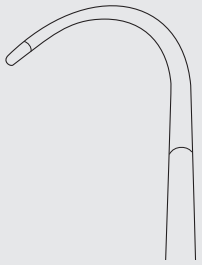
Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width

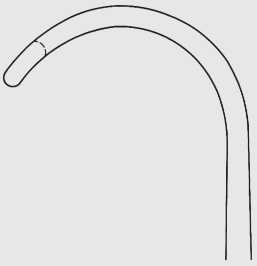




BT404R
15 x 15 mm
220 mm
8 3/4"



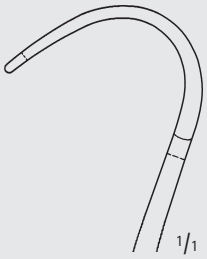
BT405R
20 x 22 mm
215 mm
8 1/2"



BT406R
28 x 28 mm
235 mm
9 1/4"

MIDDELDORPF

BT404R-BT406R



22 x 22 mm

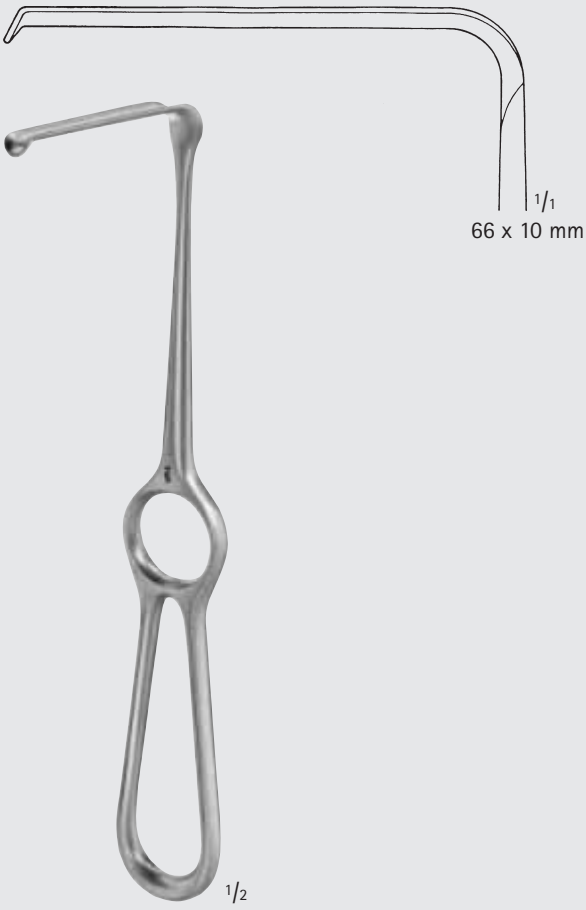
GREENE

BT408R
225 mm, 9"

BÜCHS

DO432R

205 mm, 8"



KRÄMER

BT464R

210 mm, 8 1/4"

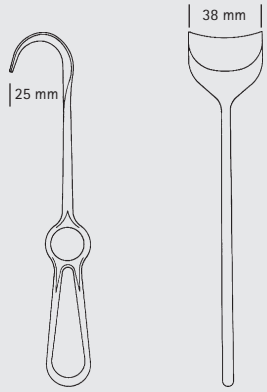
Wundhaken – Wound Retractors

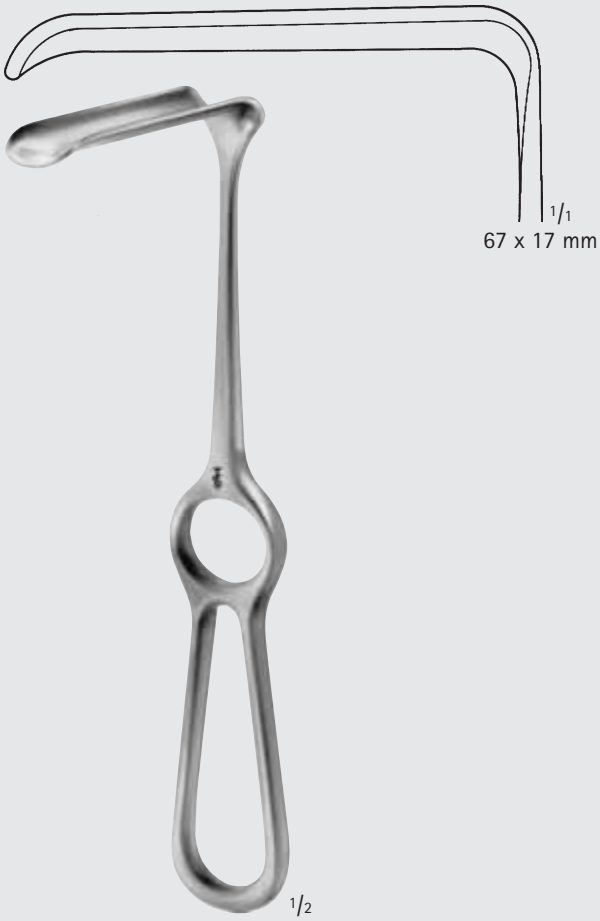
Wundhaken

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

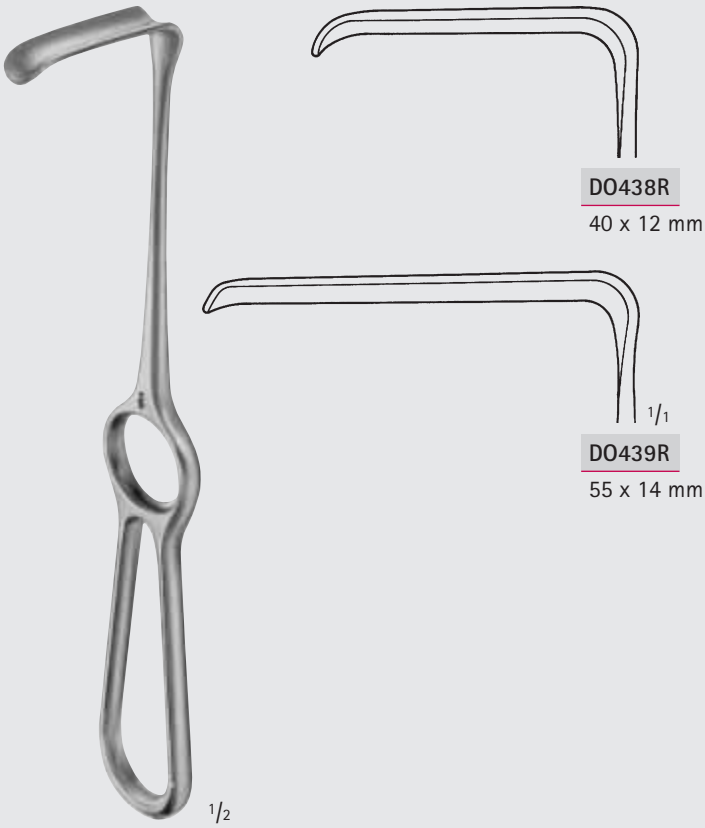




CASPAR

BT465R

210 mm, 8 1/4"



DOCKHORN

DO438R–DO439R

210 mm, 8 1/4"

1/1

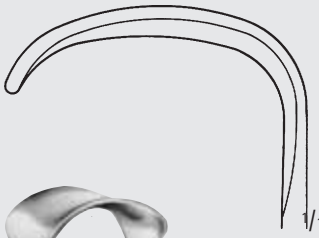
BT460R
67 x 25 mm

1/1

BT461R
80 x 42 mm

BT462R
80 x 50 mm

BT463R
80 x 60 mm



1/1
36 x 20 mm

1/2

KOCHER

BT459R

230 mm, 9"

1/2

KOCHER

BT460R–BT463R

250 mm, 10"

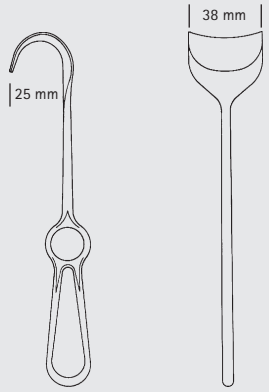
Wundhaken – Wound Retractors

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



1/2

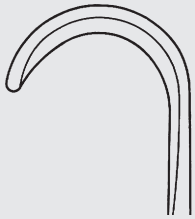
KOCHER-WAGNER

BT490R–BT498R

280 mm, 11"

BT490R

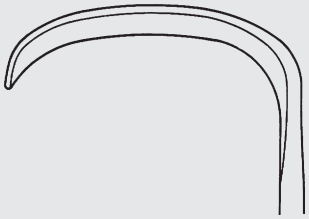
20 x 15 mm



BT490R

BT492R

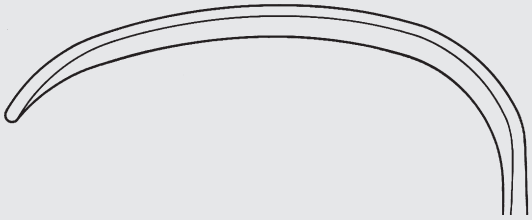
36 x 20 mm



BT492R

BT494R

64 x 25 mm

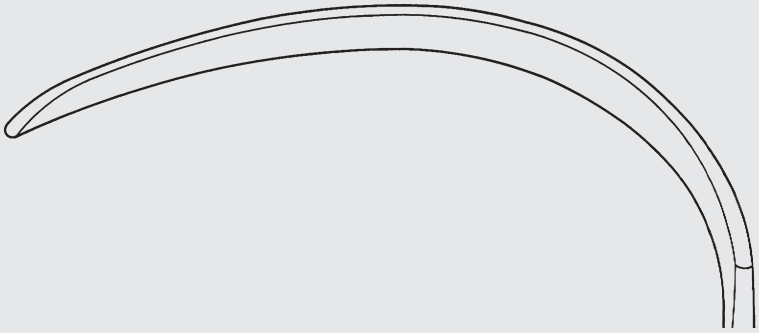


BT494R

1/1

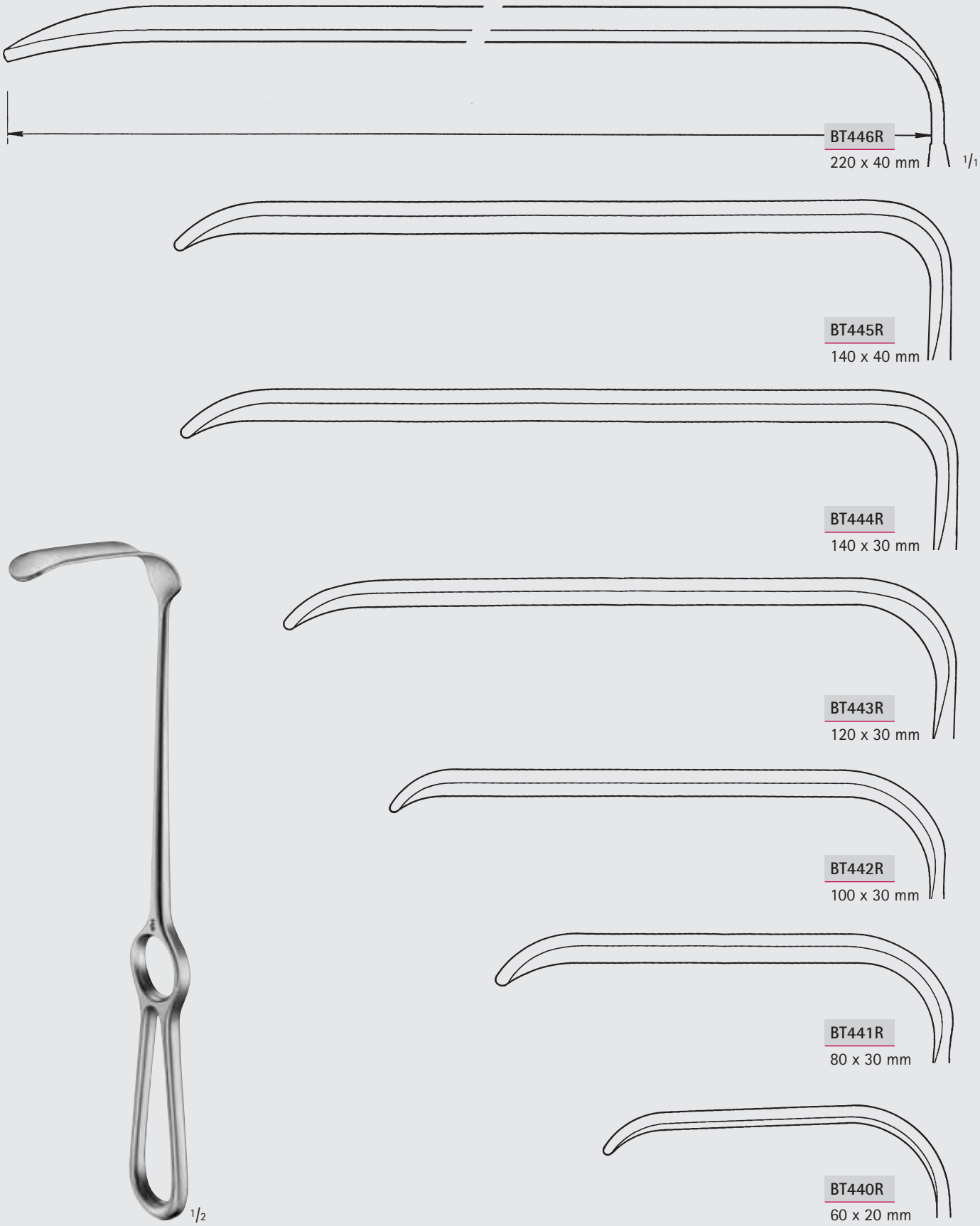
BT498R

94 x 36 mm



1/1

BT498R



HÖSEL

BT440R–BT446R

250 mm, 10"

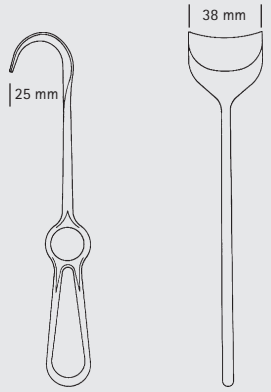
Wundhaken – Wound Retractors

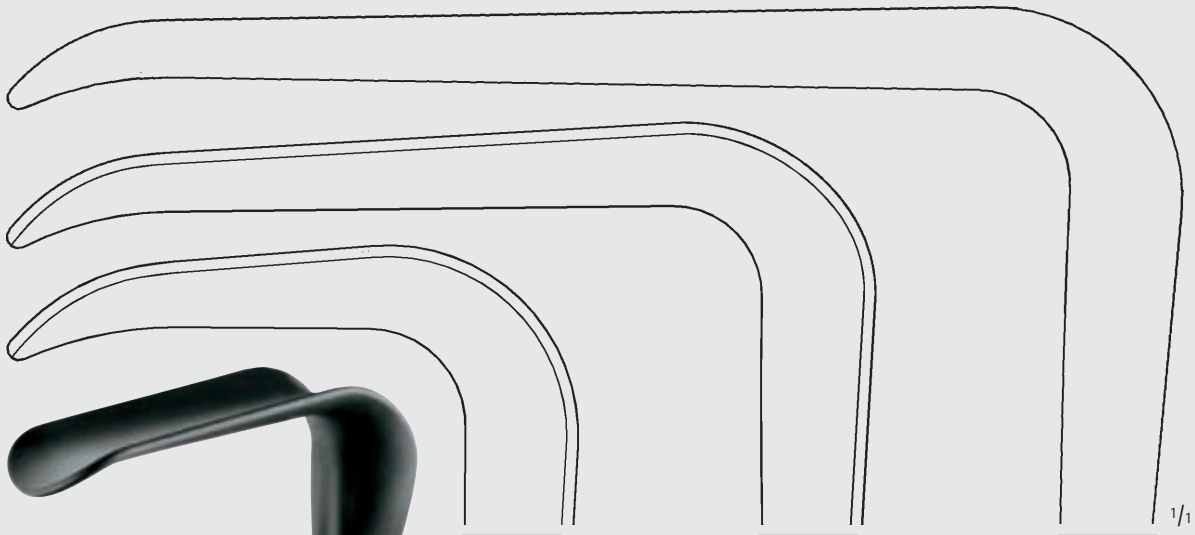
Wundhaken

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

BT540P–BT545P
255 mm, 10"

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

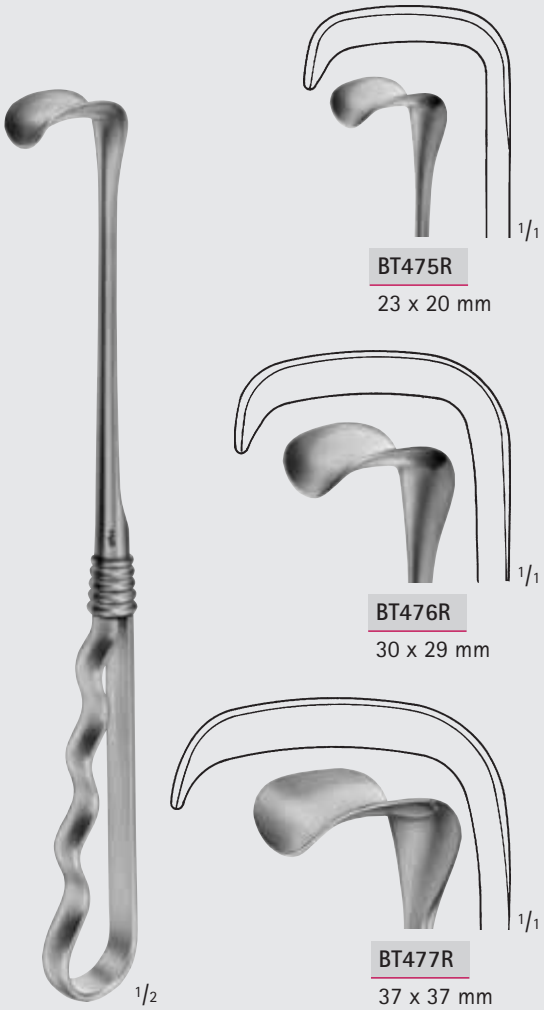
RICHARDSON-EASTMAN

BT470R

Satz komplett, bestehend aus:

Set complete, consisting of:

BT471R
BT472R



RICHARDSON

BT475R–BT477R

240 mm, 9 1/2"

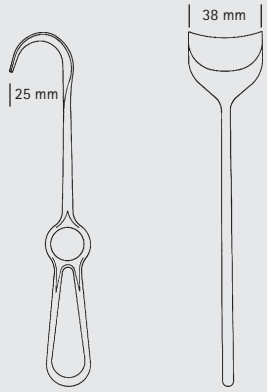
Wundhaken – Wound Retractors

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"

KELLY

BT481R–BT484R

260 mm, 10 1/4"

BT329R	70 x 40 mm
BT330R	70 x 50 mm
BT331R	70 x 65 mm

MORRIS

BT329R–BT331R

245 mm, 9 3/4"

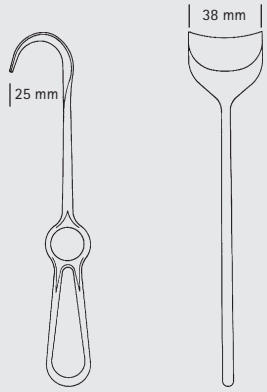
Wundhaken – Wound Retractors

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



MEYERDING

BT485R–BT487R

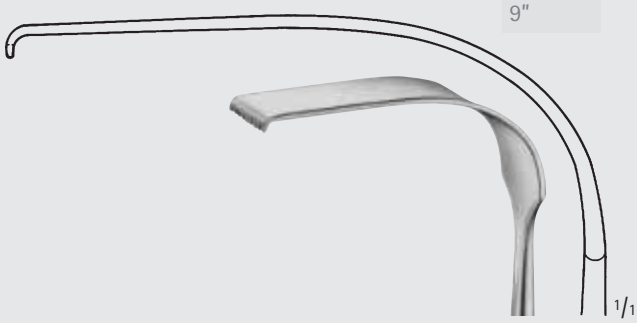
1/1

BT485R

52 x 16 mm

230 mm

9"



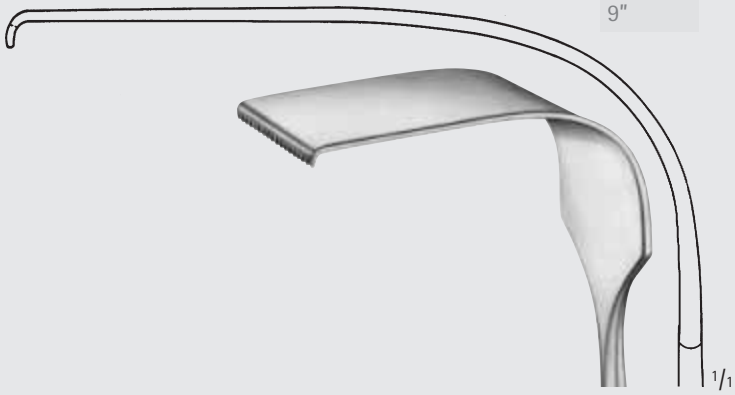
1/1

BT486R

76 x 25 mm

230 mm

9"



1/1

BT487R

89 x 50 mm

255 mm

10"

115 x 26 mm
1/1
1/2
SIMON
EL873R
275 mm, 10 3/4"
115 x 22 mm
1/1
1/2
SIMON
EL872R
275 mm, 10 3/4"
105 x 27 mm
1/1
1/2
MARTIN
EL870R
250 mm, 10"
95 x 20 mm
1/1
1/2
TÜBINGER MODELL
EL868R
265 mm, 10 1/2"
MILLIMETERS

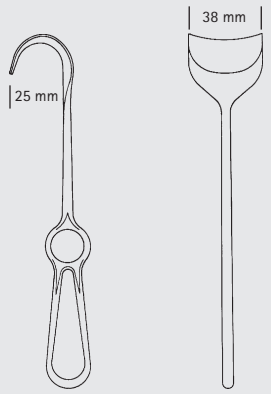
Wundhaken – Wound Retractors

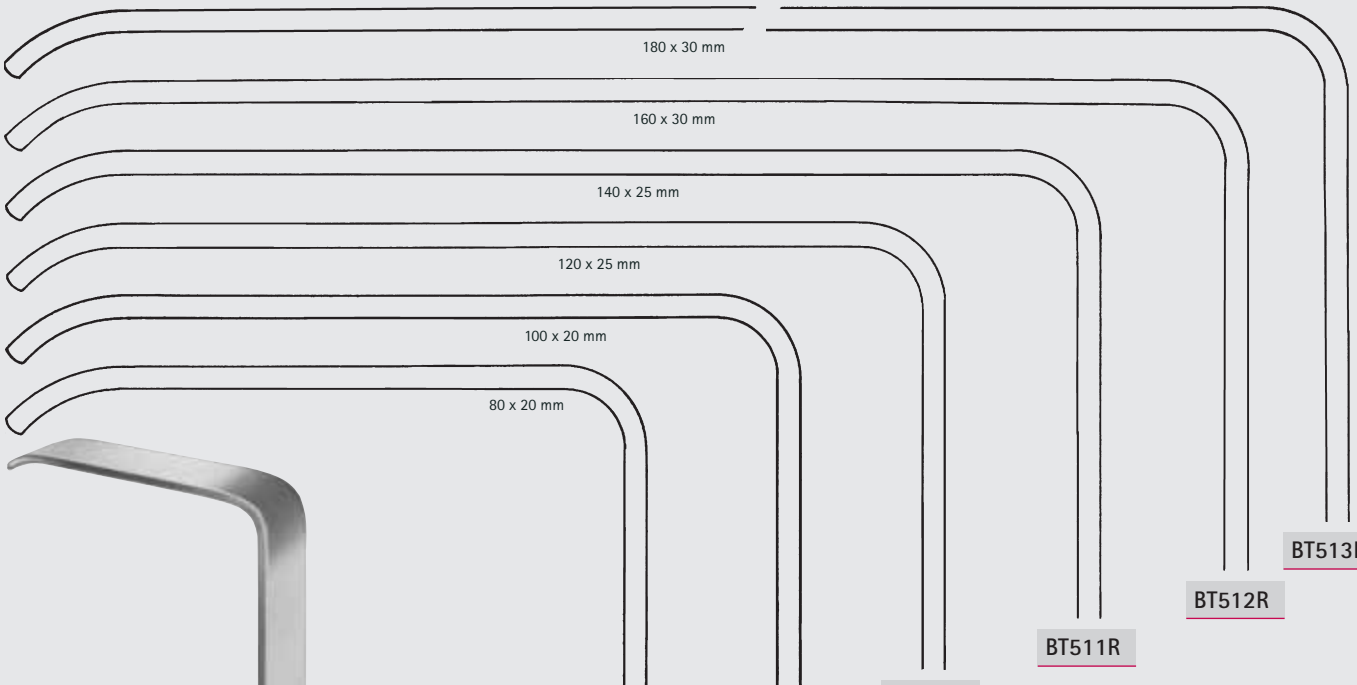
Wundhaken

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

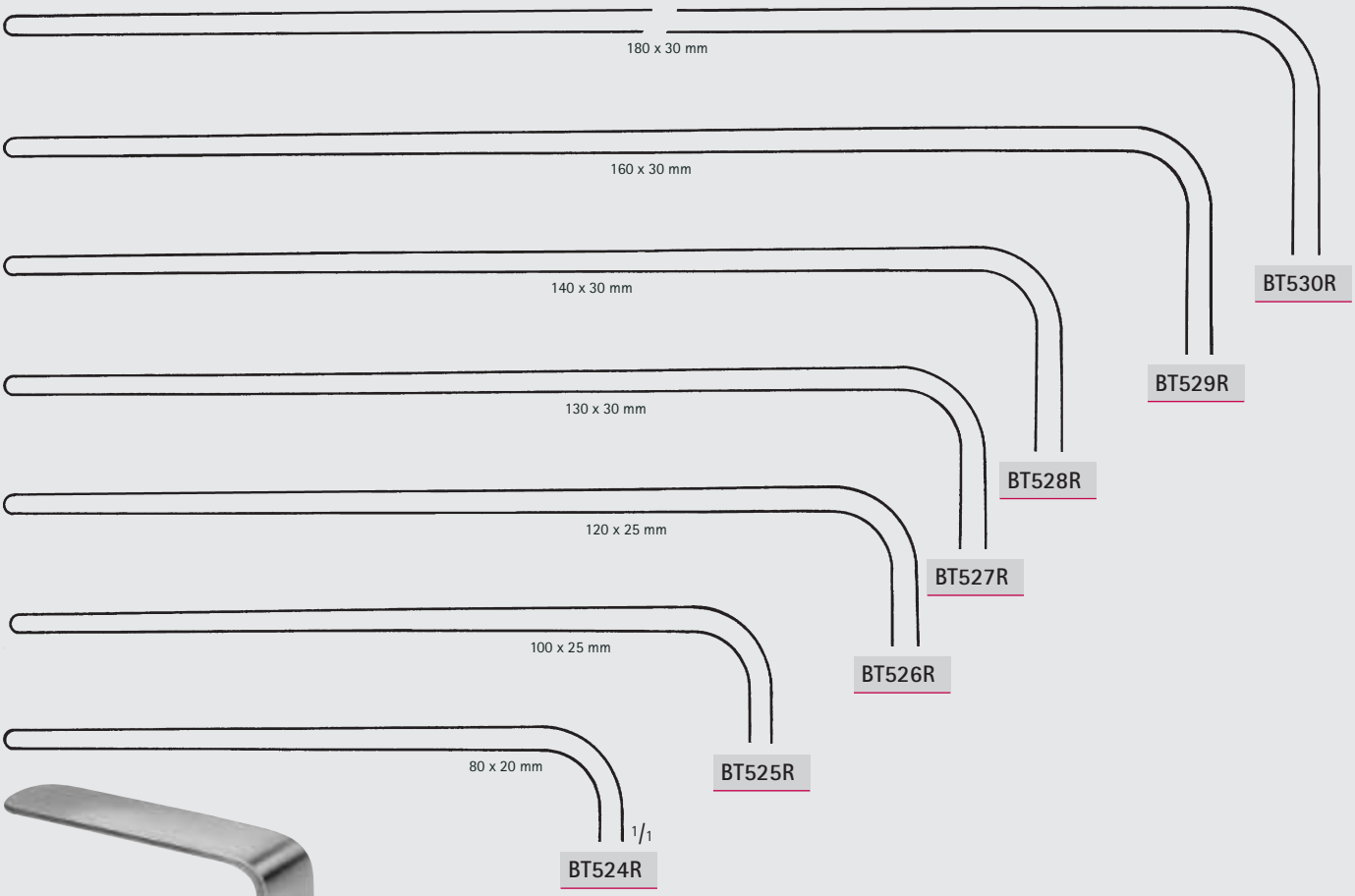




BRUNNER

BT508R–BT513R

1/2 250 mm, 10"



BRUNNER

BT524R–BT530R

1/2 275 mm, 10 3/4"

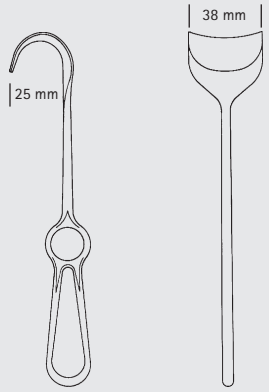
Wundhaken – Wound Retractors

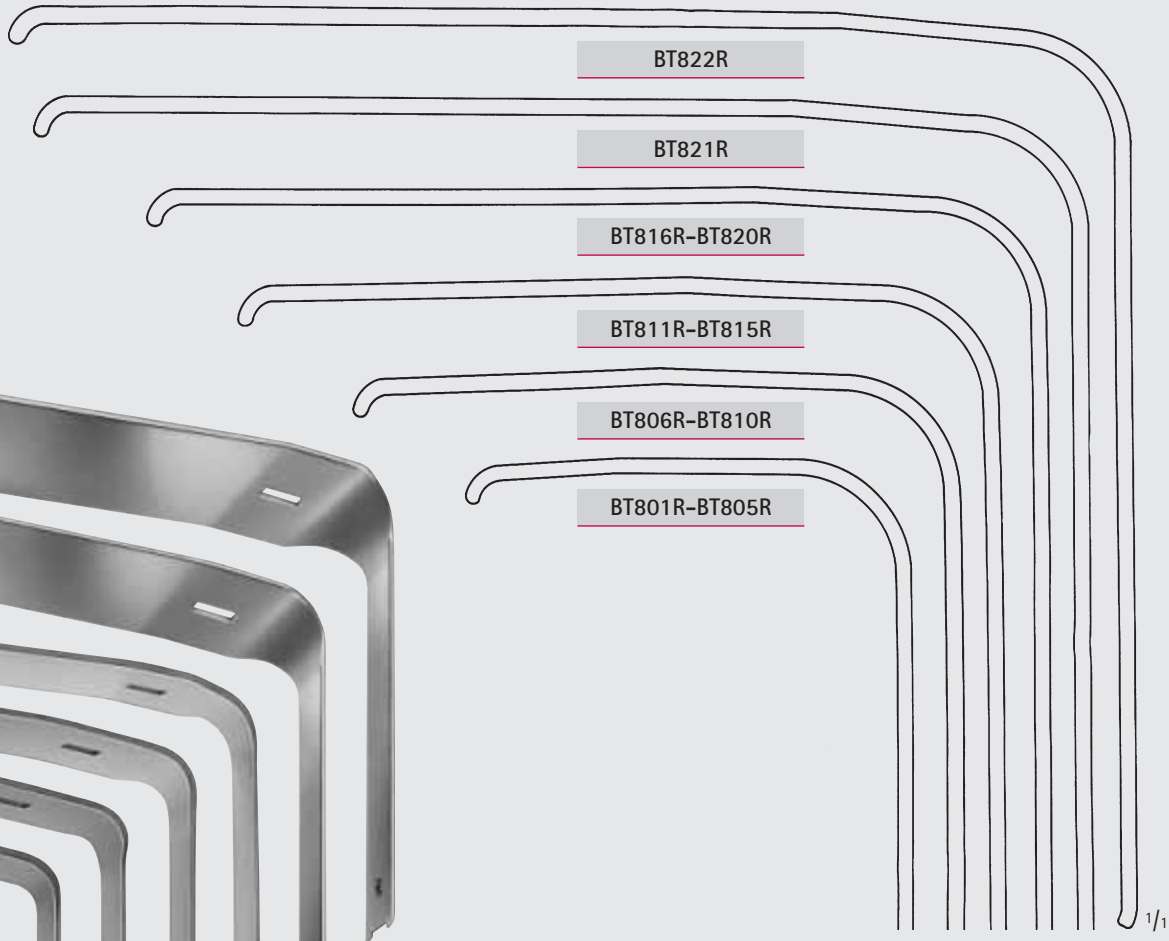
Varion-Wundhaken-System, DBP

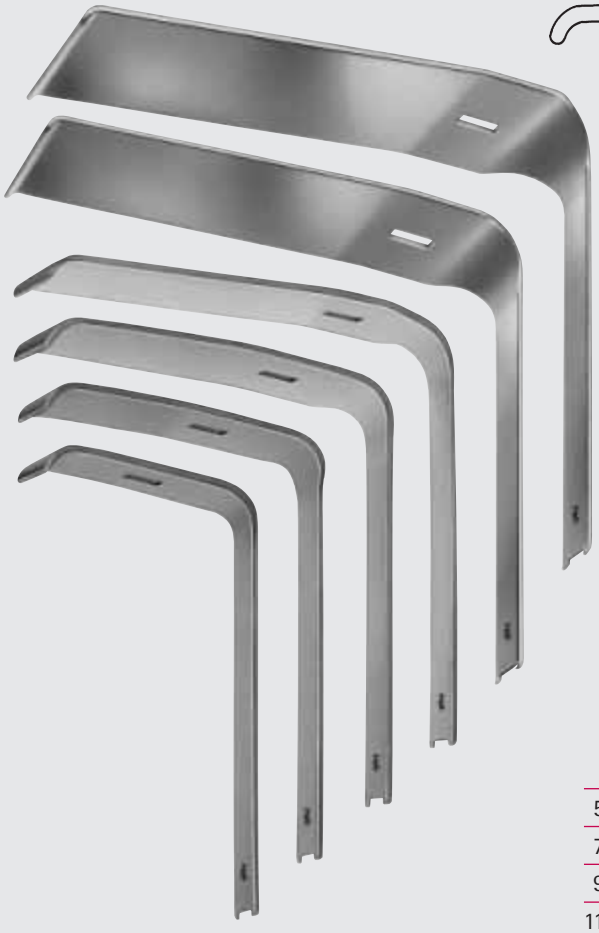
Vario Retractor System, Germ. Fed. Patent

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







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

Wundhakenblätter passend auf die Handgriffe BT799R und BT800R.

Retractor blades for handles BT799R and BT800R.

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.

Griffstellung variabel
Handle arrangement variable

1/2

BT800R

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

1/2

BT799R

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

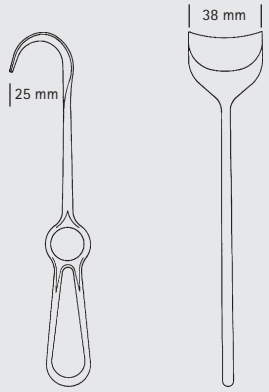
Wundhaken – Wound Retractors

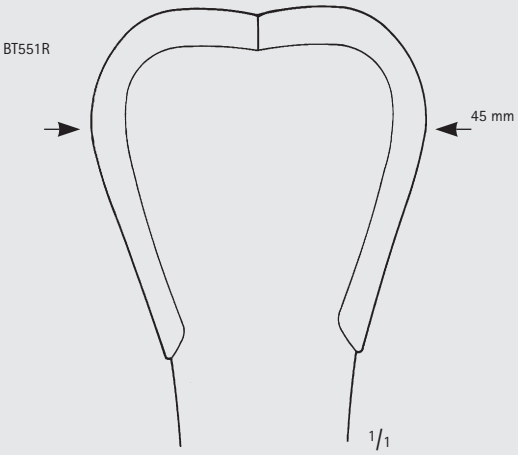
Wundhaken, Lungenspatel

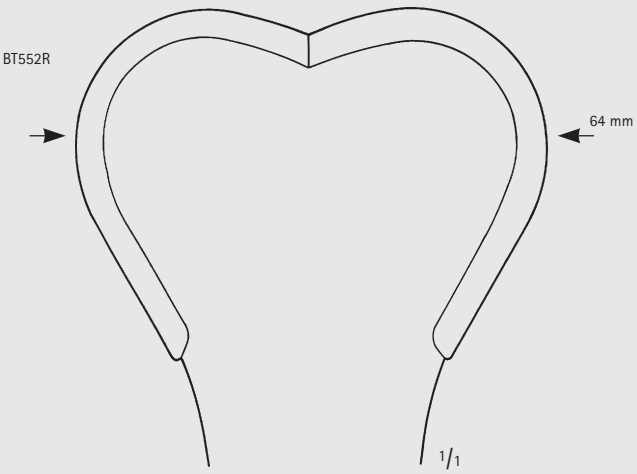
Retractors, Lung Spatulas

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







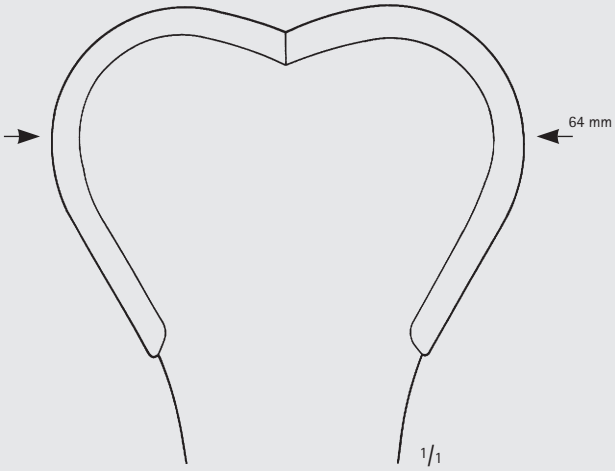
HARRINGTON

BT551R	123 x 45 mm
BT552R	123 x 64 mm

federnd

flexible

295 mm, 11 3/4"



HARRINGTON-PEMBERTON

BT553R

175 x 64 mm

federnd

flexible

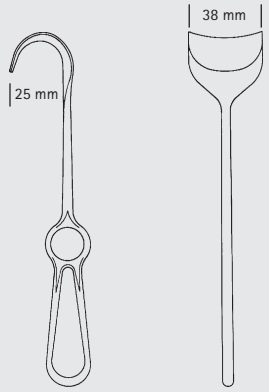
Wundhaken – Wound Retractors

Lungenspatel

Lung Spatulas

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

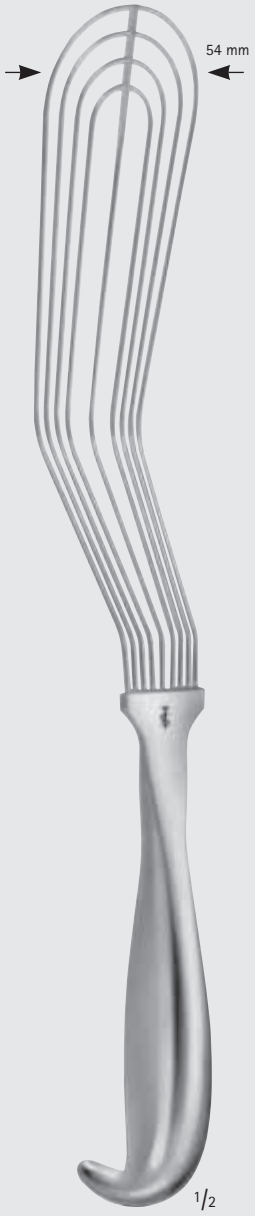
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



ALLISON

BT559R

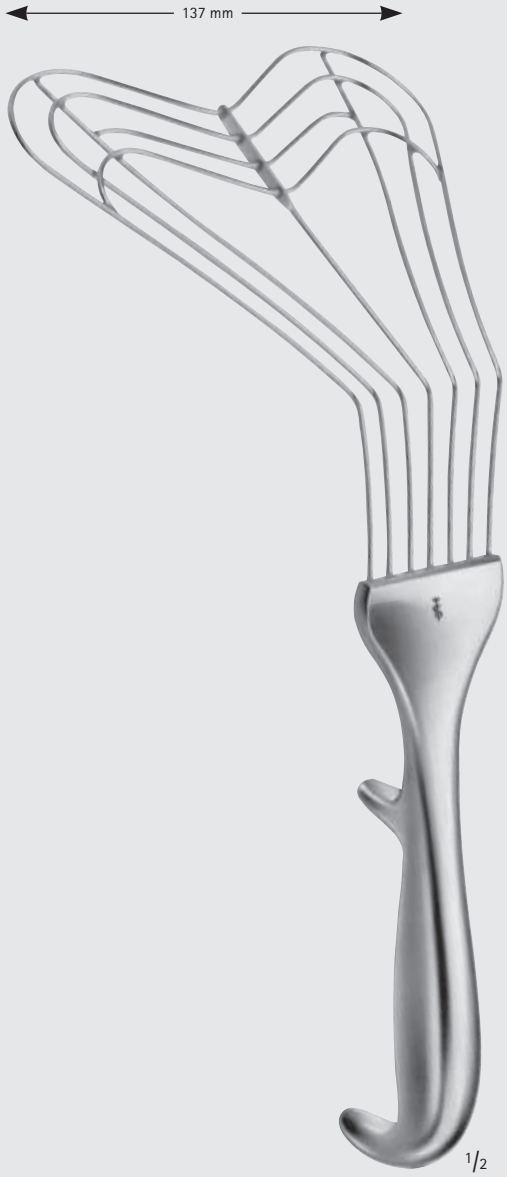
255 mm, 10"



ALLISON

BT560R

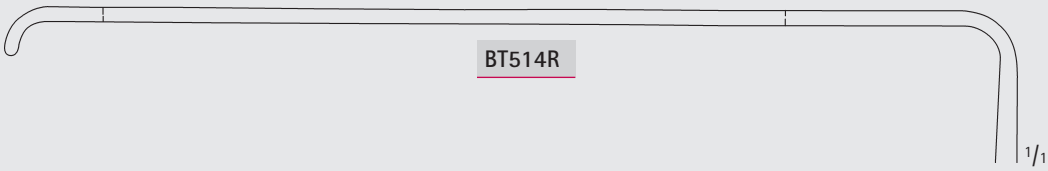
320 mm, 12 3/4"

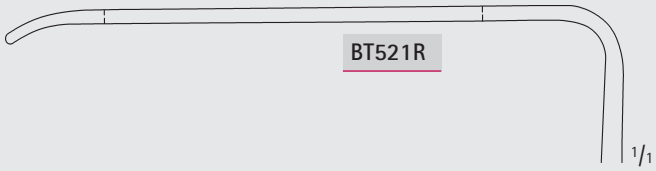


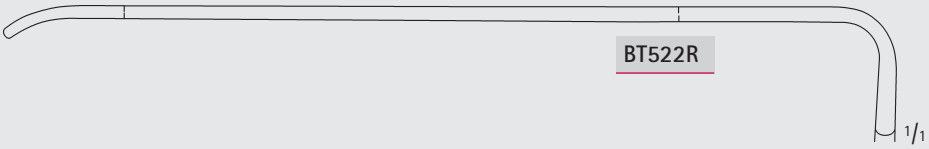
ALLISON

BT561R

300 mm, 12"







SAUERBRUCH

BT514R

260 mm, 10 1/4"

CORYLLOS

BT521R–BT523R

255 mm, 10"

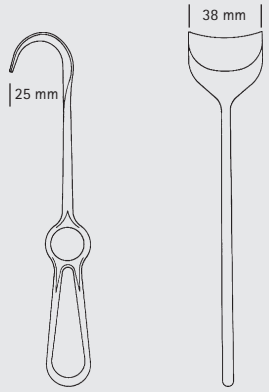
Wundhaken – Wound Retractors

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"

BT594R
36 x 8 mm

BT595R
60 x 12 mm

BT596R
75 x 12 mm

BT597R
120 x 12 mm

ZENKER
BT594R
240 mm, 9 1/2"

ZENKER
BT595R
255 mm, 10"

ZENKER
BT596R
270 mm, 10 3/4"

ZENKER
BT597R
290 mm, 11 1/2"

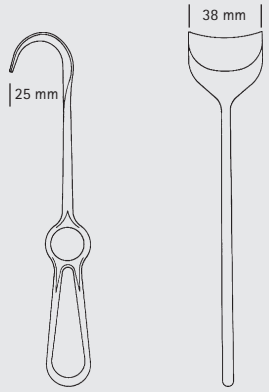
Wundhaken – Wound Retractors

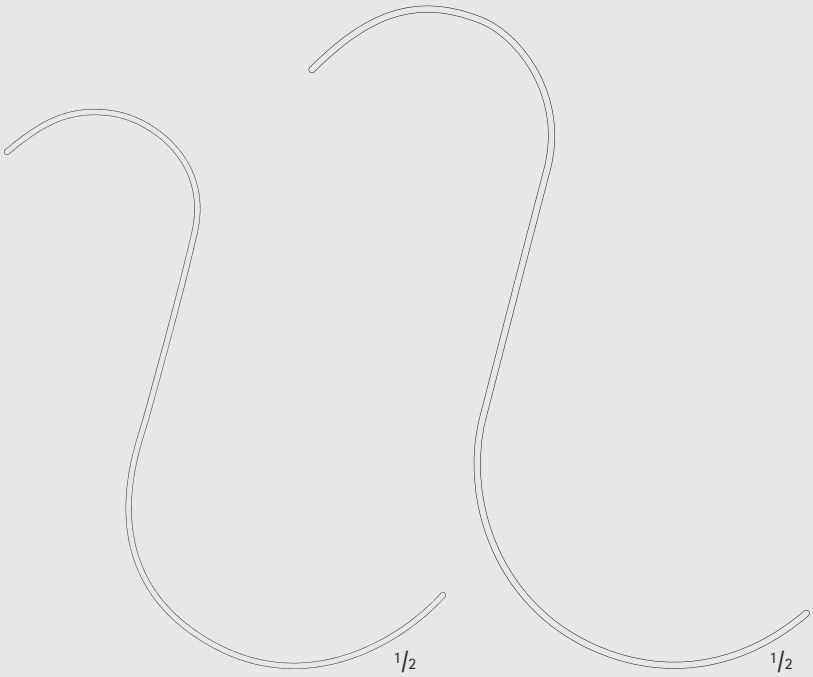
Wundhaken

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

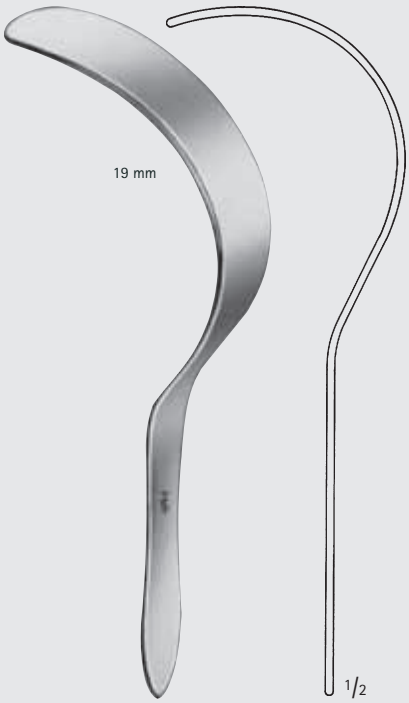




MD076	MD077
10 mm	13 mm
160 mm	180 mm
6 1/4"	7"

HASSON

MD076-MD077



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

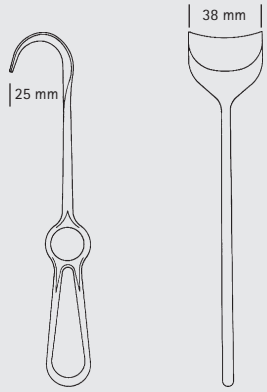
Wundhaken – Wound Retractors

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



DEAVER

BT602R

Fig. 1
300 mm, 12"

DEAVER

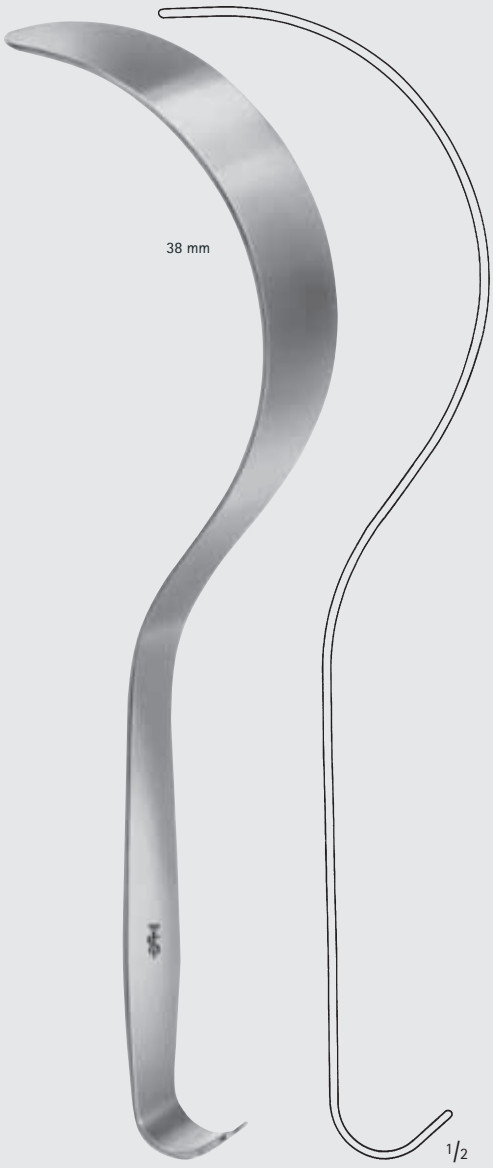
BT603R

Fig. 2
315 mm, 12 1/2"

DEAVER

BT607R

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



DEAVER

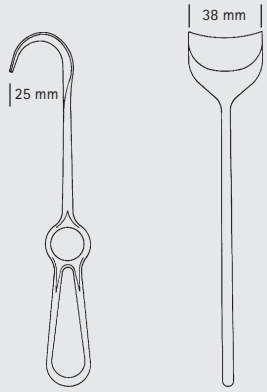
BT604R

Fig. 3
300 mm, 12"

BT

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

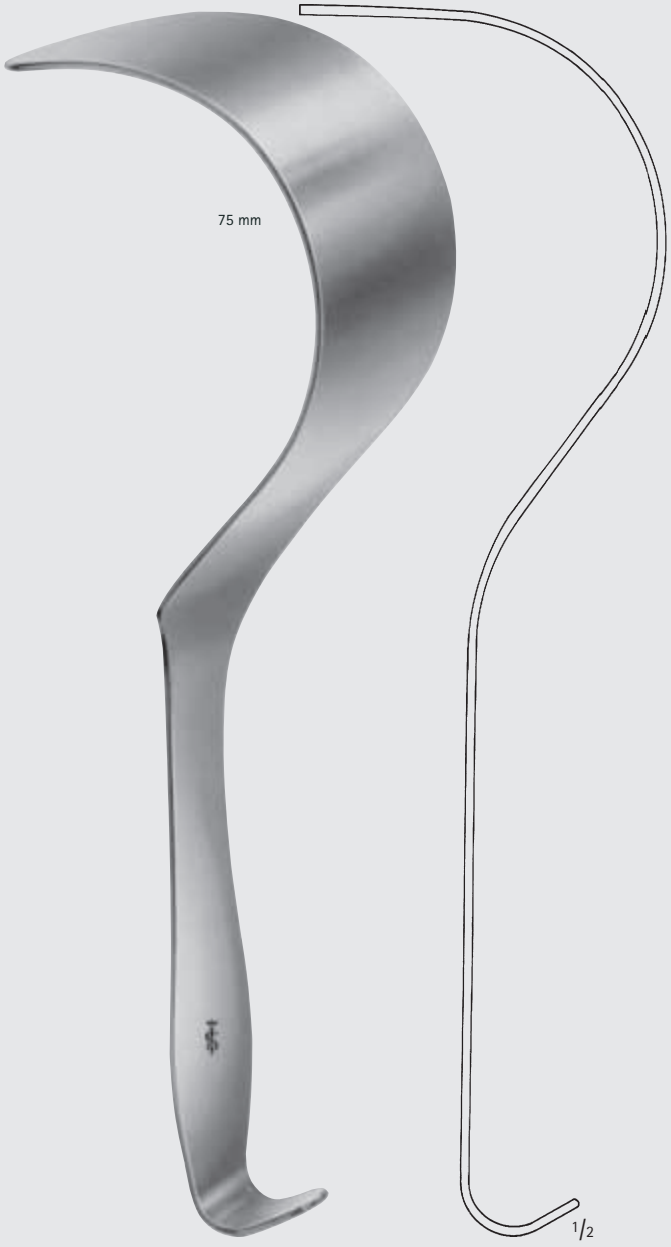
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



DEAVER

BT605R

Fig. 4
310 mm, 12 1/4"



DEAVER

BT608R

Fig. 5
320 mm, 12 3/4"

INCHES

DEAVER

BT611R

Fig. 1
310 mm, 12 1/4"

DEAVER

BT613R

Fig. 3
310 mm, 12 1/4"

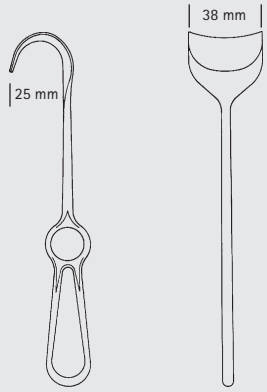
Wundhaken – Wound Retractors

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

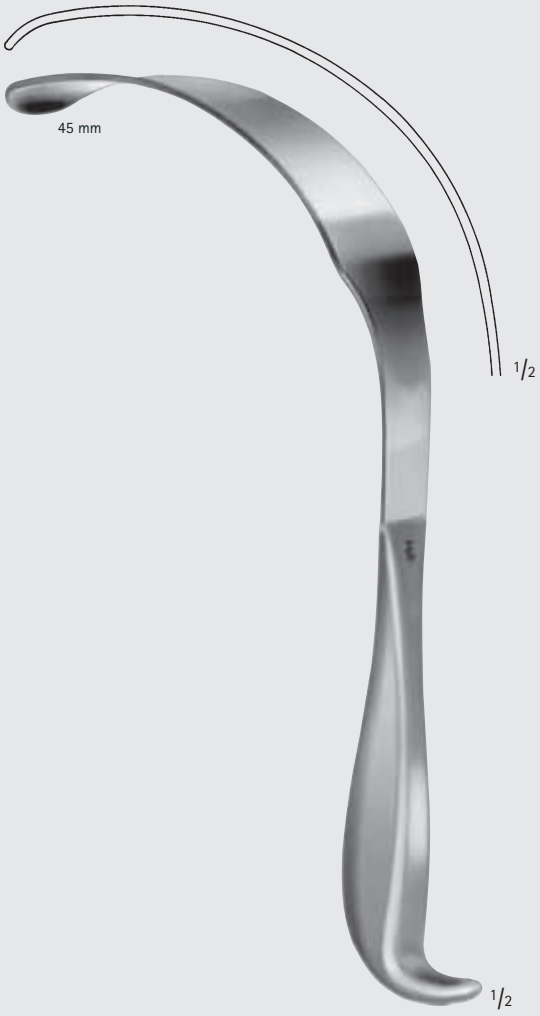
305 mm, 12"

DEAVER

BT615R

Fig. 5

310 mm, 12 1/4"



LERICHE

BT730R

255 mm, 10"

LERICHE

BT732R

275 mm, 10 3/4"

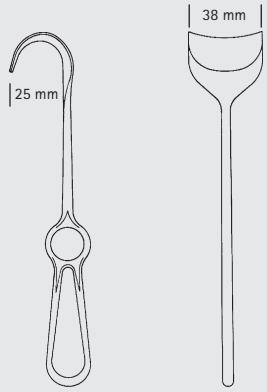
Wundhaken – Wound Retractors

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



KÜMMEL

BT740R

biegsam

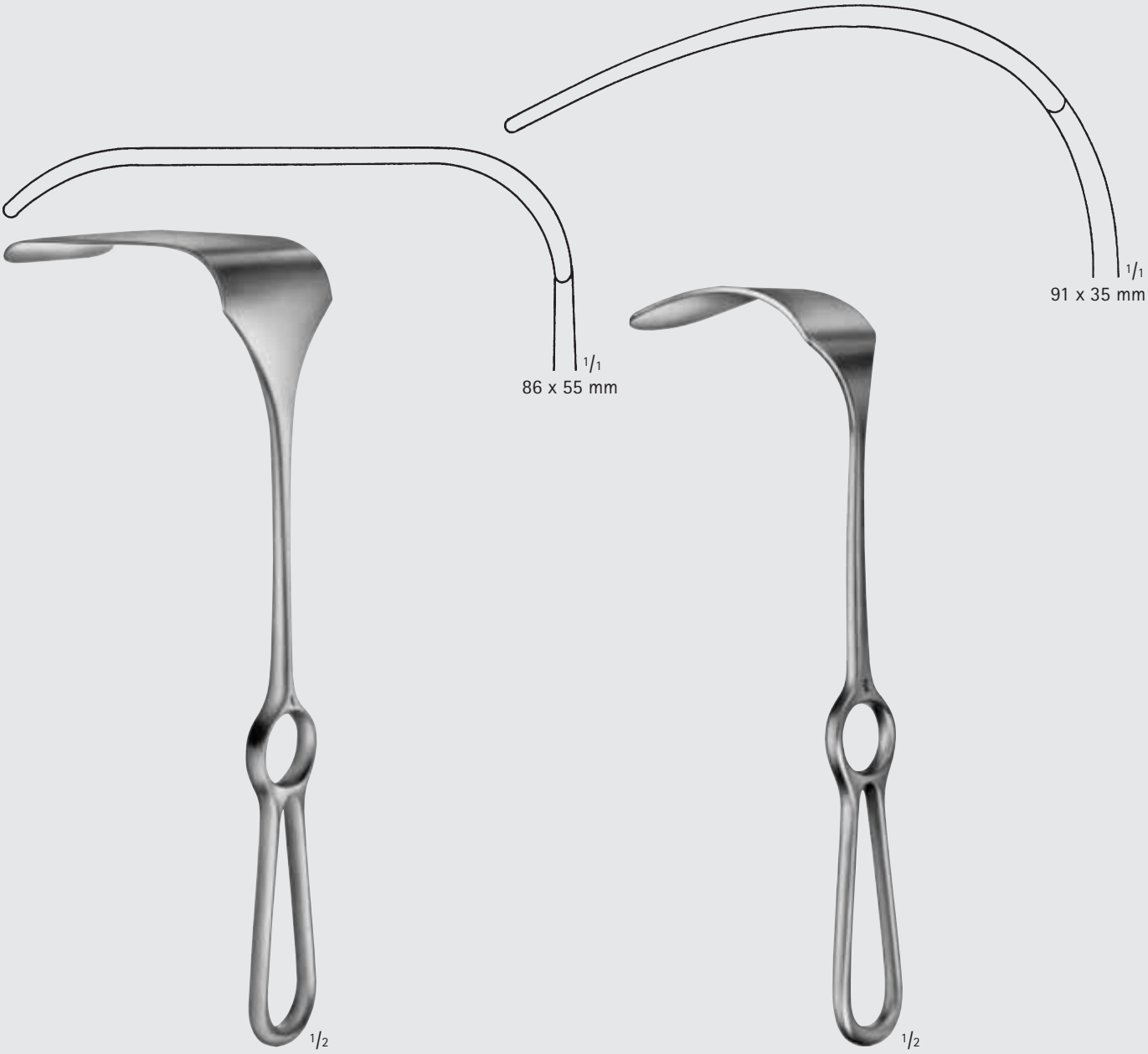
malleable

285 mm, 11 1/4"

KÖRTE

BT742R

300 mm, 12"



MIKULICZ

BT618R

255 mm, 10"

MIKULICZ

BT621R

240 mm, 9 1/2"

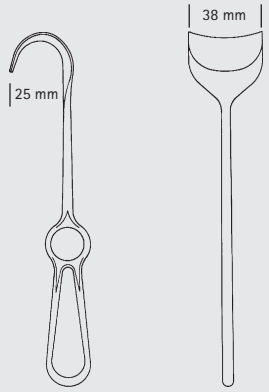
Wundhaken – Wound Retractors

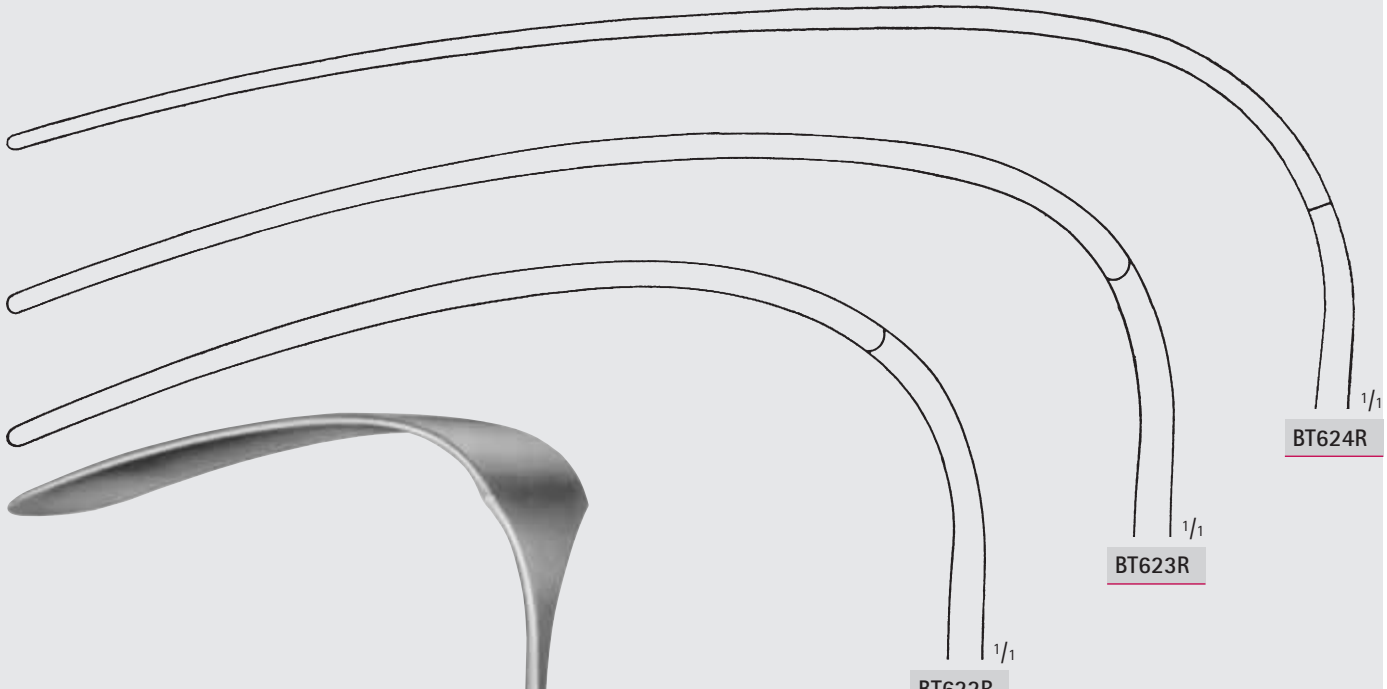
Wundhaken für Eingriffe in der Tiefe (Bauchdeckenhaken)

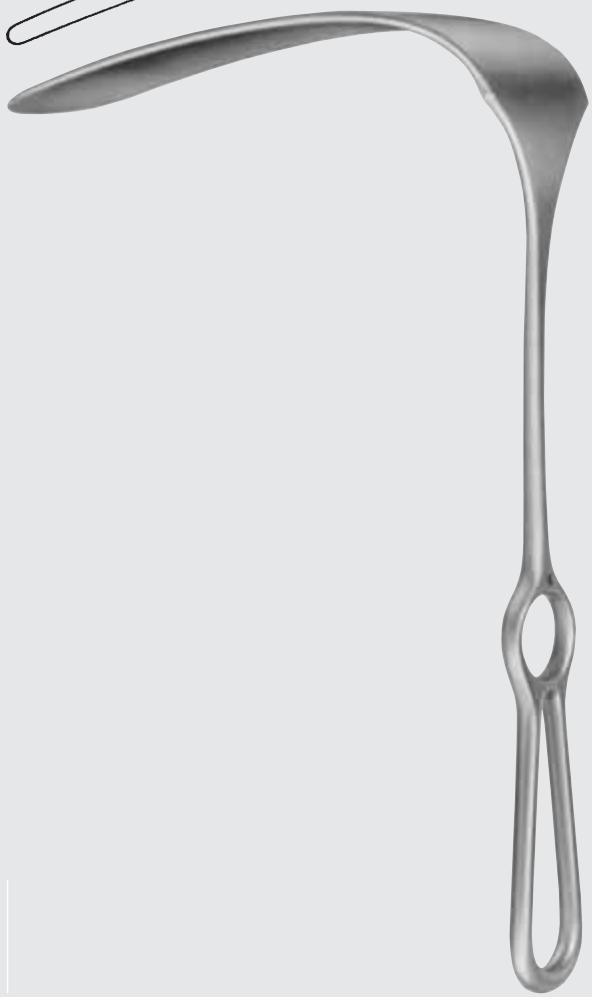
Retractors for Deep Surgery (Abdominal Retractors)

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

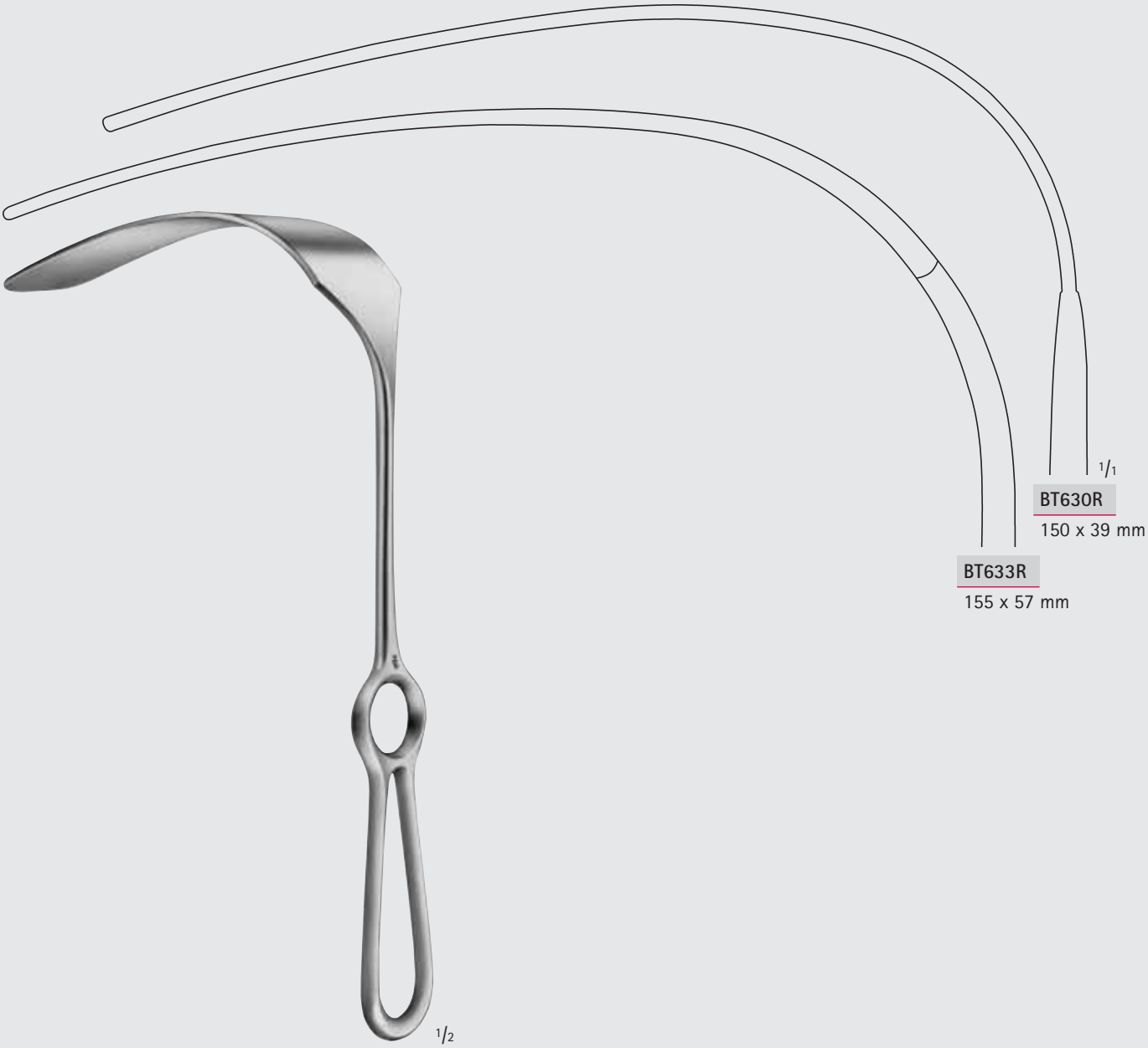






MIKULICZ

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



KELLY

BT630R–BT633R

260 mm, 10 1/4"

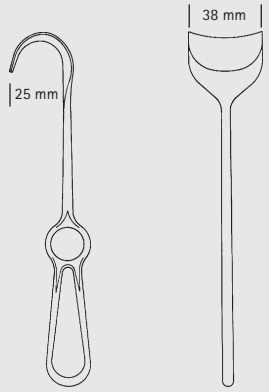
Wundhaken – Wound Retractors

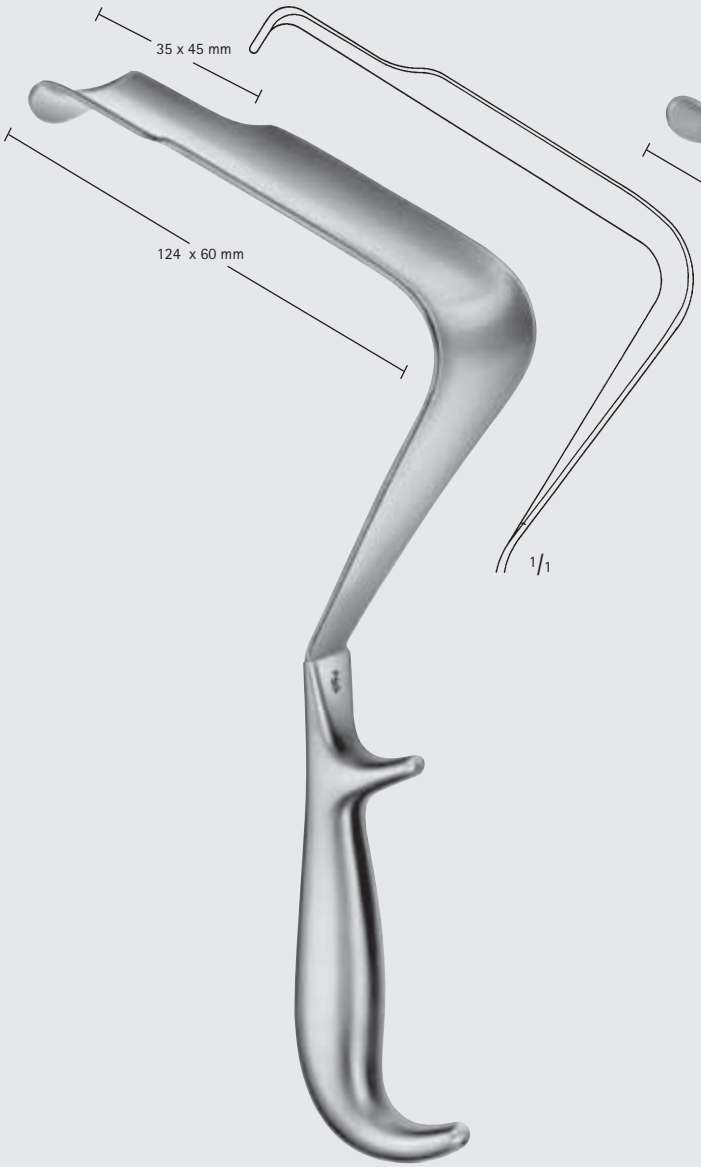
Pelvishaken

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

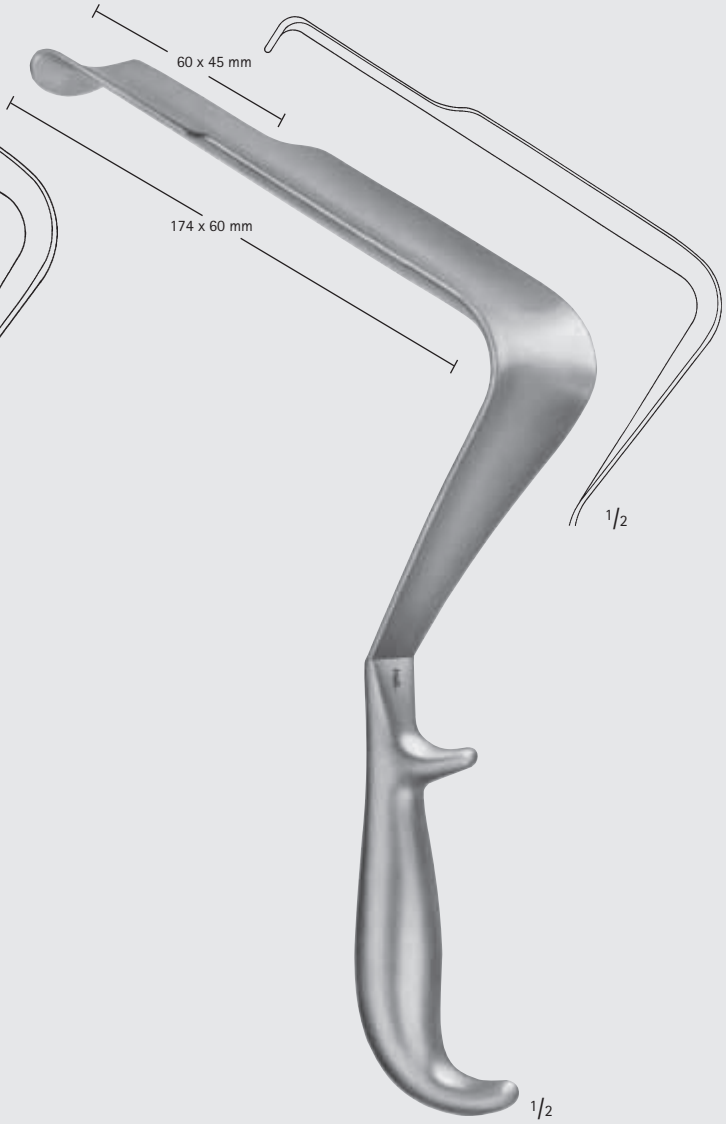




ST. MARKS

BT670R

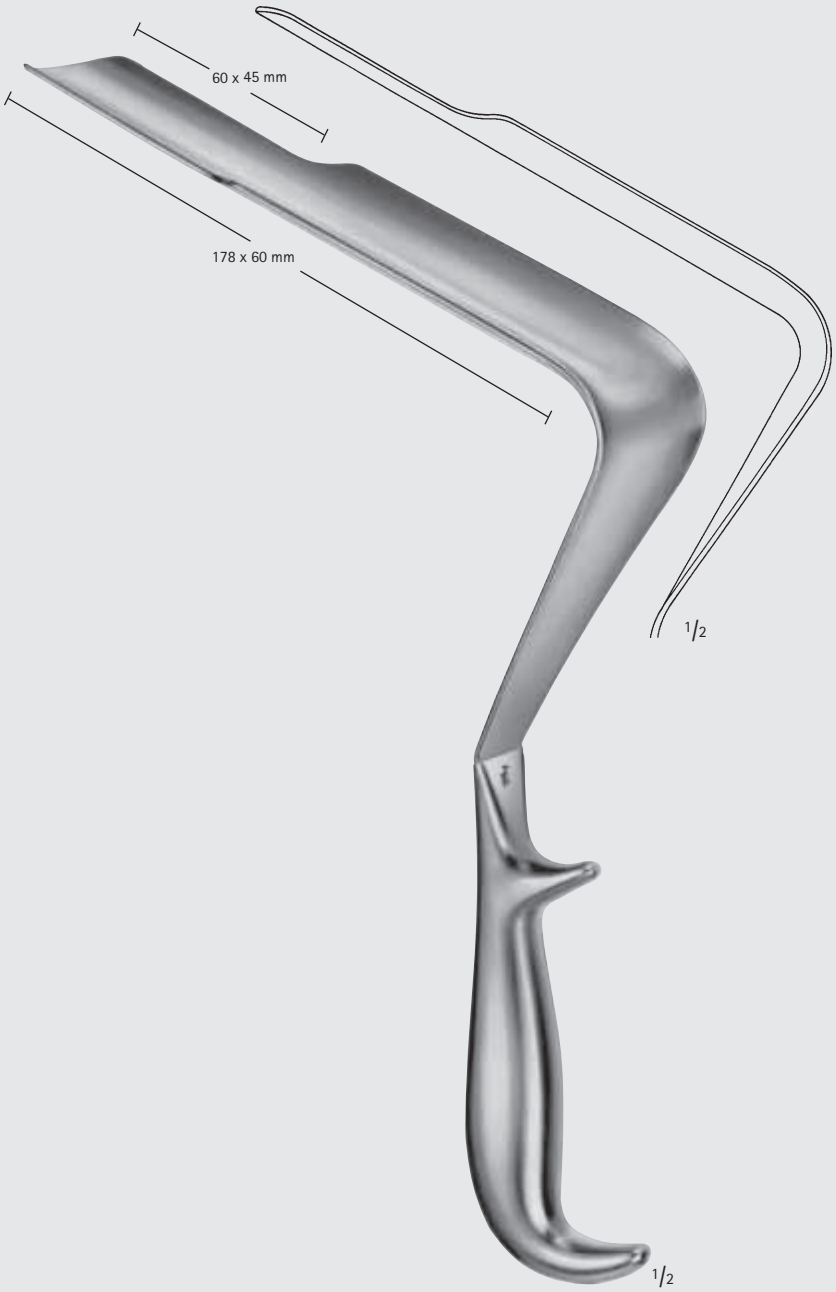
290 mm, 11 1/2"



ST. MARKS

BT672R

330 mm, 13 1/8"



ST. MARKS

BT674R

330 mm, 13 1/8"

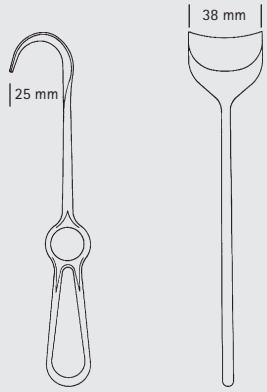
Wundhaken – Wound Retractors

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

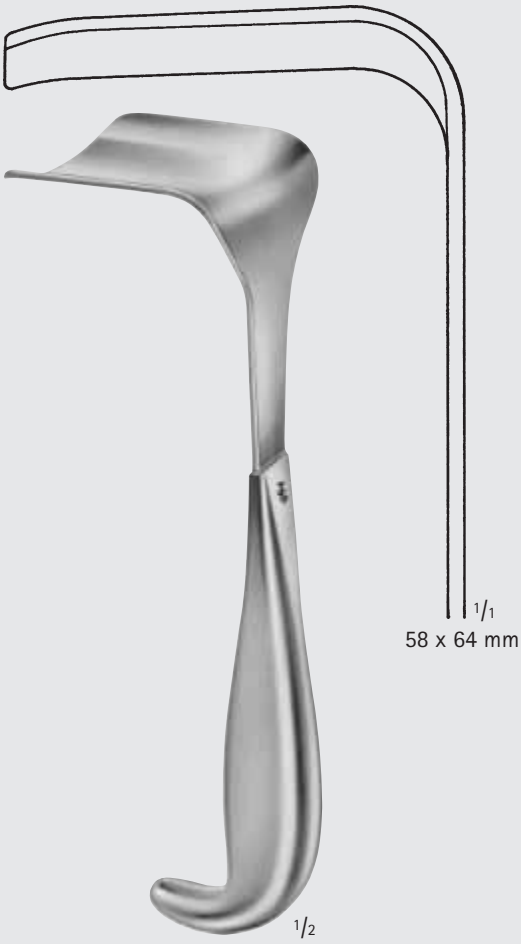
BT626R

270 mm, 10 3/4"

TUDOR-EDWARDS

BT500R

205 mm, 8"



TUFFIER

BT617R

215 mm, 8 1/2"

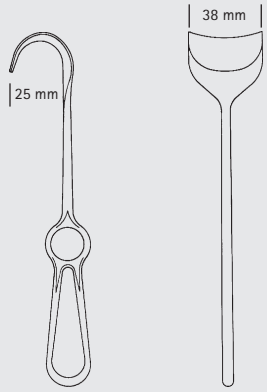
Wundhaken – Wound Retractors

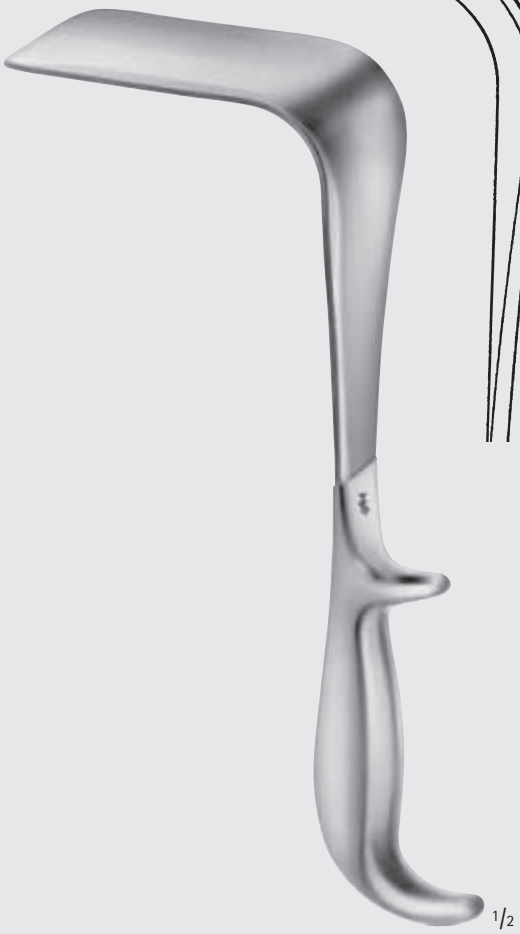
Wundhaken, Bauchdeckenhaken

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



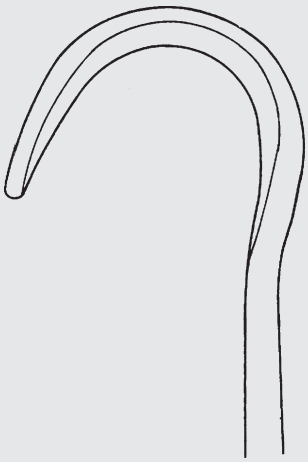


Länge Length	Breite Width		
	35 mm	45 mm	60 mm
60 mm	EL631R	EL634R	EL637R
90 mm	EL632R	EL635R	EL638R
120 mm	EL633R	EL636R	EL639R
160 mm		EL642R	EL644R

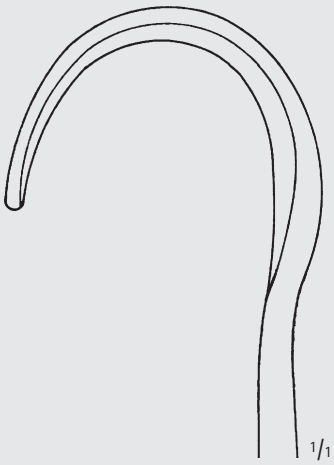
DOYEN

EL631R-EL644R

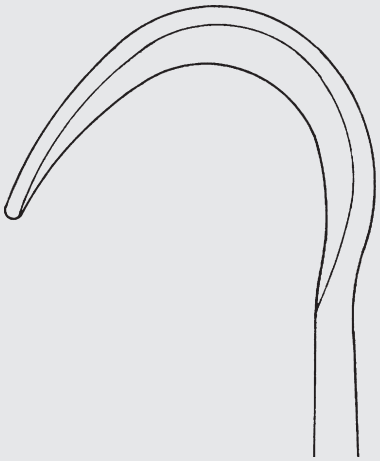
240 mm, 9 1/2"



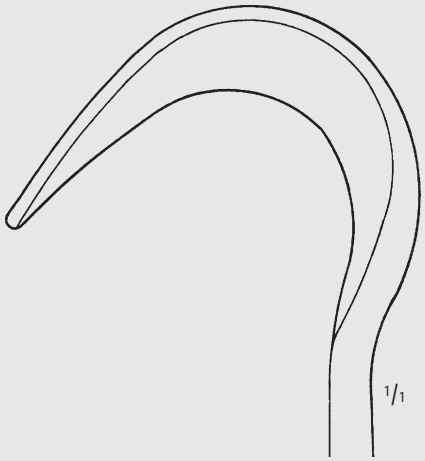
BT655R
Fig. 1
32 x 40 mm



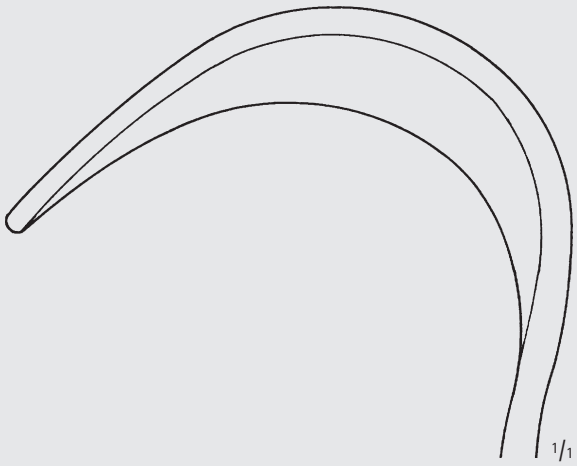
BT656R
Fig. 2
34 x 50 mm



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"

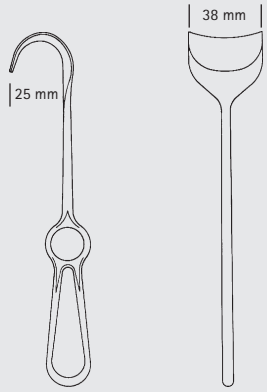
Wundhaken – Wound Retractors

Wundhaken, Bauchdeckenhaken

Retractors, Abdominal Retractors

Maßangaben für Blattgrößen der Wundhaken
1. Zahl = Tiefe Beispiel: 25 x 38 mm
2. Zahl = Breite

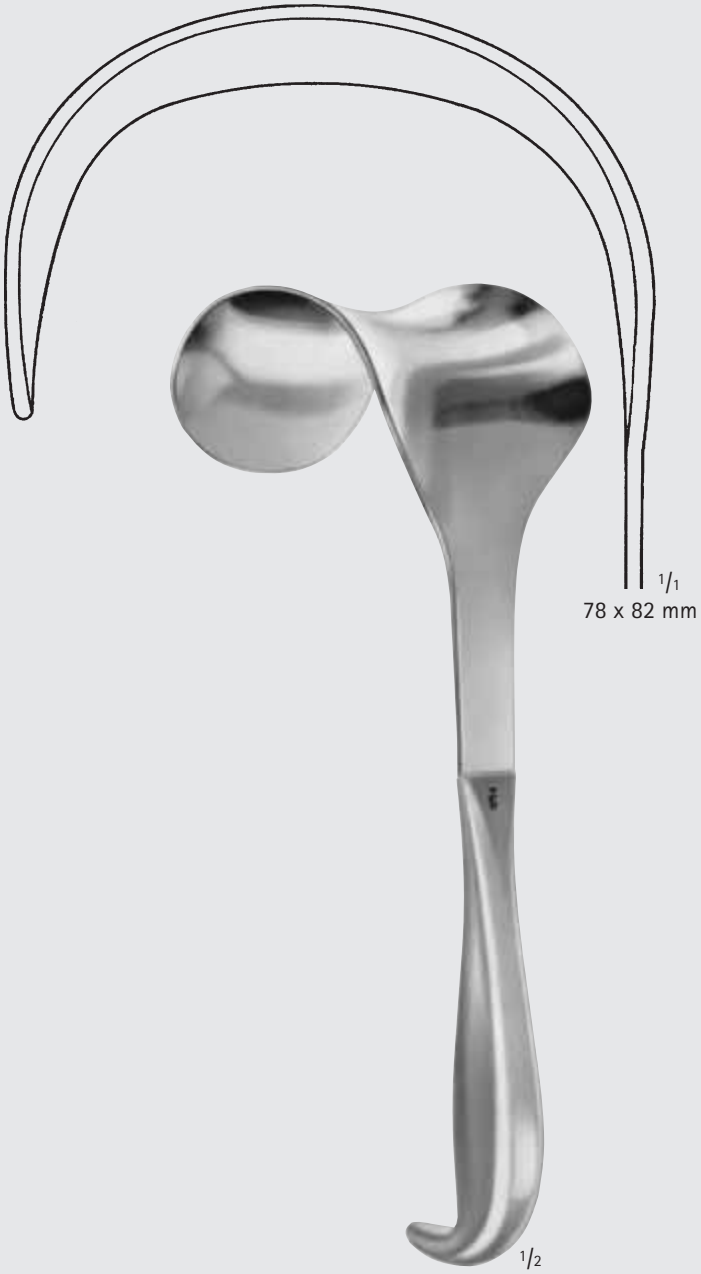
Dimensions for blade size of retractors
1st number = depth Example: 25 x 38 mm
2nd number = width



DOYEN

BT667R

250 mm, 10"



DOYEN

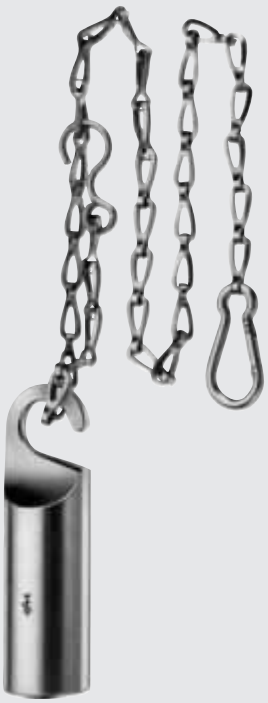
BT669R

260 mm, 10 1/4"

DOYEN

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

280 mm, 11"



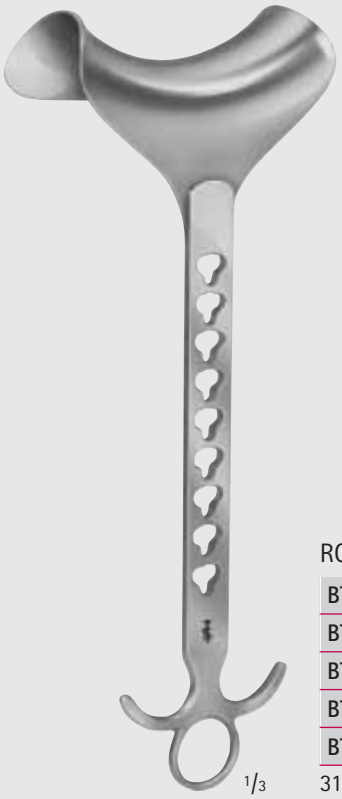
BT703R

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

Wundhaken – Wound Retractors

Bauchdeckenhaken

Abdominal Retractors

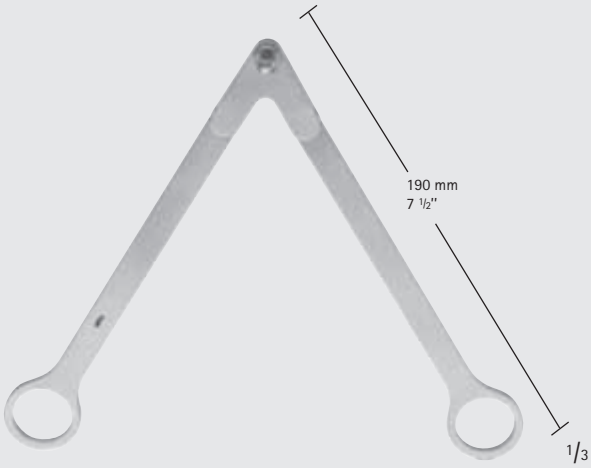


1/3

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"



1/3

ROCHARD

BT710R

Fixiervorrichtung für
BT711R - BT715R

Fixation device for
BT711R - BT715R

190 mm, 8"

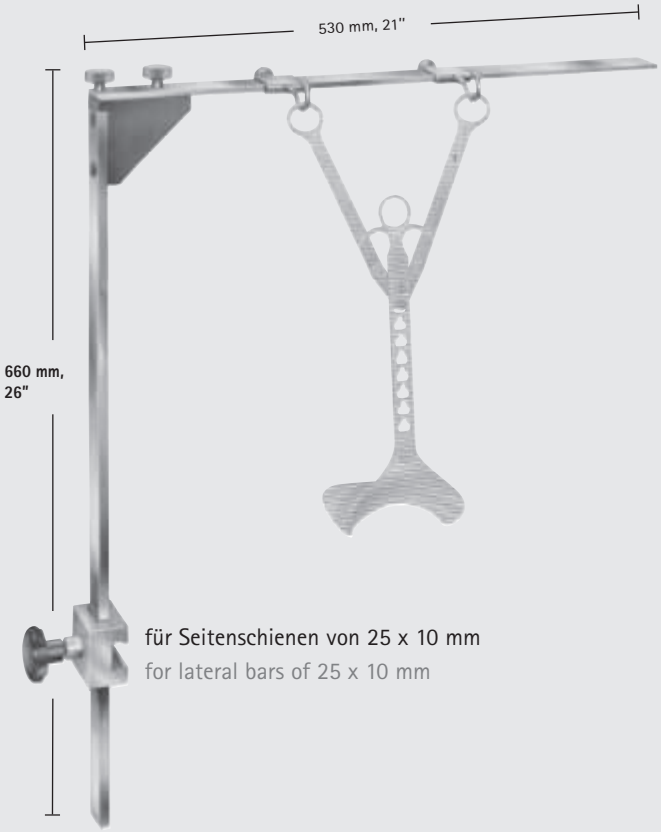
1/3

ROCHARD

BT710R-BT711R

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

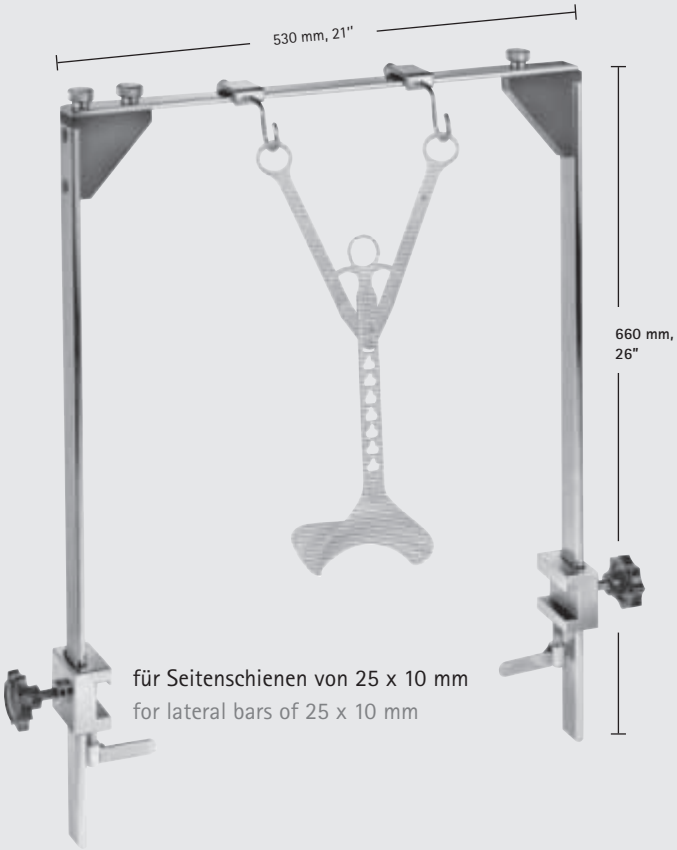


ROCHARD

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

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"

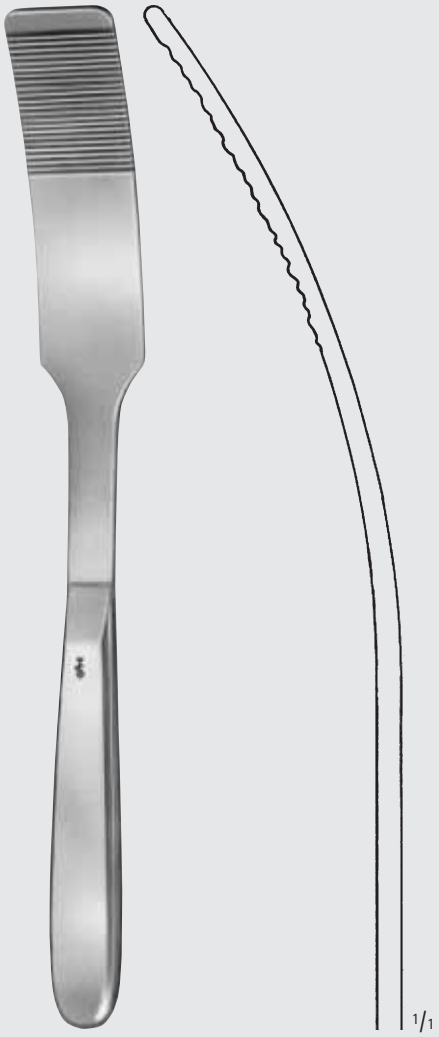
TUFFIER

BT750R	

biegsam
malleable
200 mm, 8"

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

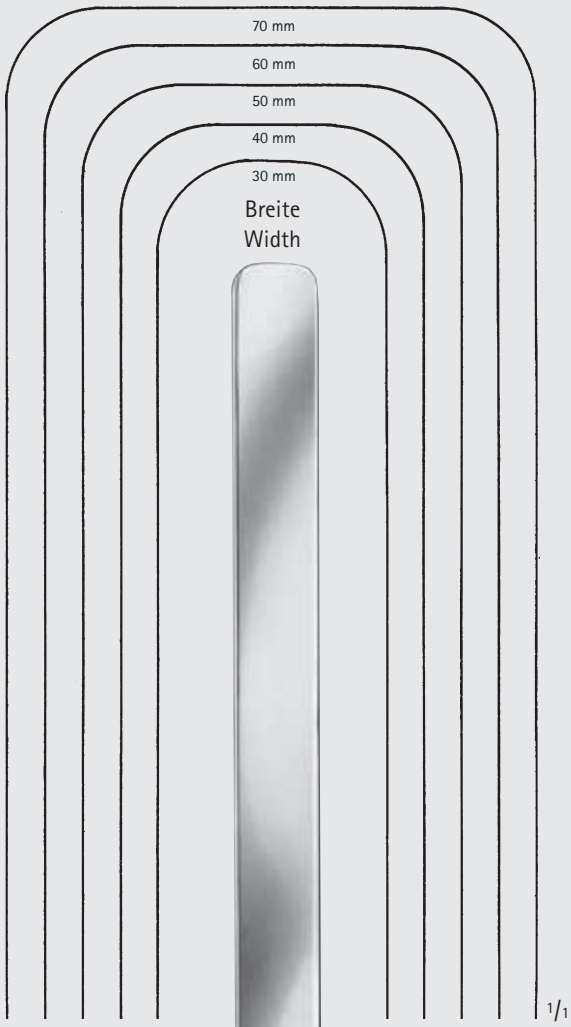
biegsam
malleable



KADER

BT746R	30 mm
BT747R	40 mm

270 mm, 10 3/4"



BT773R	30 mm
BT774R	40 mm
BT775R	50 mm
BT776R	60 mm
BT777R	70 mm

410 mm, 16"

Wundhaken – Wound Retractors

Prostata- und Urethra-Retraktoren

Prostate- and Urethral Retractors

BT680R

Prostata-Retraktor

Prostate retractor

360 mm, 14 3/8"

BT681R

Urethra-Retraktor

Urethral retractor

390 mm, 15 1/2"

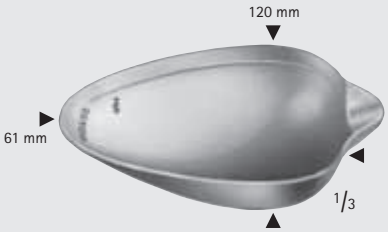
KOCHER

BT795R

Kropflöffel

Depressor, spoon shaped

220 mm, 8 3/4"



BT780R

Blutschöpfer, 50 ccm

Blood scoop, 3 cu. inches

BV

Wundspreizer, Bauchdeckenhalter

Self-Retaining Retractors,
Abdominal Retractors

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

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"

PARSONNET

BV014R

50 mm, 2"

BV008R

stumpf

blunt

100 mm, 4"

BV015R

scharf

sharp

100 mm, 4"

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

ALM

BV010R-BV011R

LOGAN
MODIF. REILL

BV013R

50 mm, 2"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer, Lidsperrer

Self-Retaining Retractors, Lid Retractors

ALLPORT

BV028R

95 mm, 3 3/4"

JANSEN

BV030R

100 mm, 4"

JANSEN

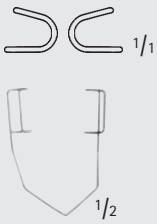
BV032R

100 mm, 4"

JANSEN

BV033R

100 mm, 4"



BARRAQUER

OA200R

45 mm, 1 3/4"

SAUER

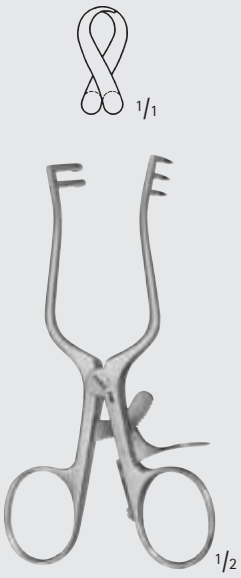
OA218R

35 mm, 1 3/8"

LANCASTER

OA225R

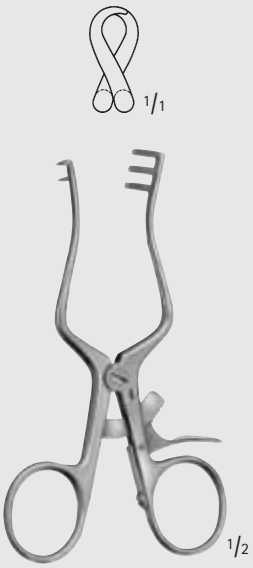
80 mm, 3 1/8"



WEITLANER

BV070R

scharf
sharp
110 mm, 4 3/8"



WEITLANER

BV066R

halbscharf
semi-sharp
110 mm, 4 3/8"

WEITLANER

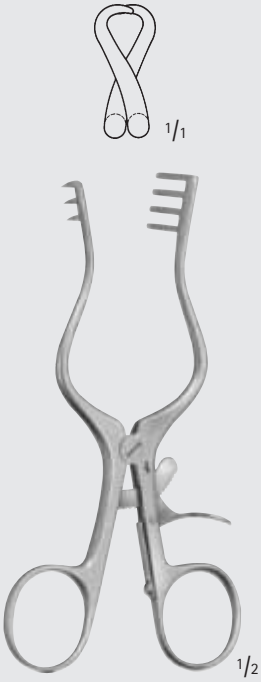
BV073R

stumpf
blunt
110 mm, 4 3/8"

WEITLANER

BV071R

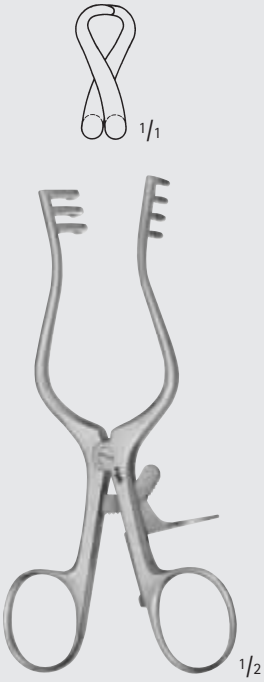
scharf
sharp
130 mm, 5 1/8"



WEITLANER

BV067R

halbscharf
semi-sharp
130 mm, 5 1/8"



WEITLANER

BV074R

stumpf
blunt
130 mm, 5 1/8"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors

WEITLANER

BV101R

scharf

sharp

130 mm, 5 1/8"

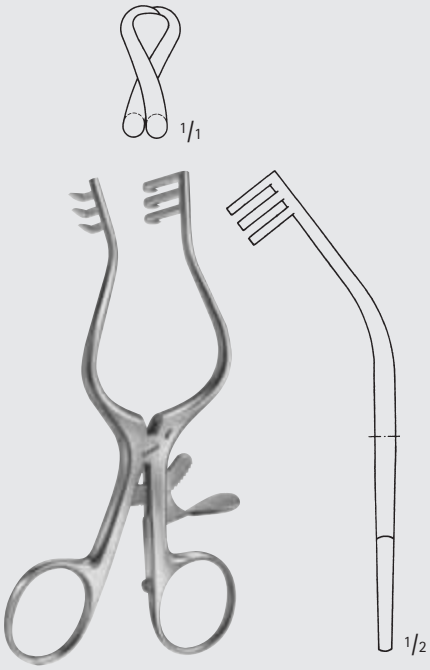
WEITLANER

BV104R

stumpf

blunt

130 mm, 5 1/8"



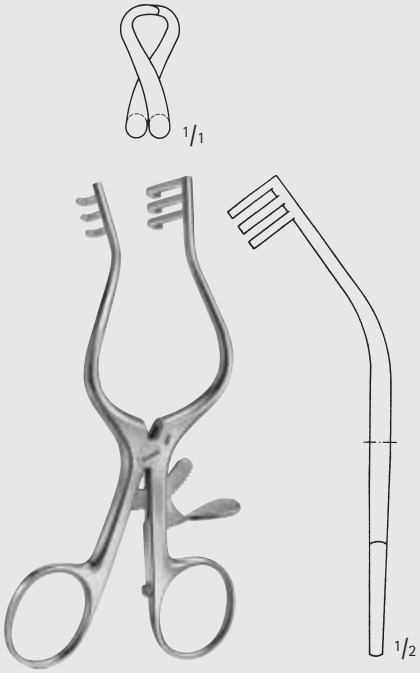
WULLSTEIN

BV076R

scharf

sharp

130 mm, 5 1/8"



WULLSTEIN

BV077R

stumpf

blunt

130 mm, 5 1/8"

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"

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

PLESTER

BV090R

stumpf

blunt

110 mm, 4 3/8"

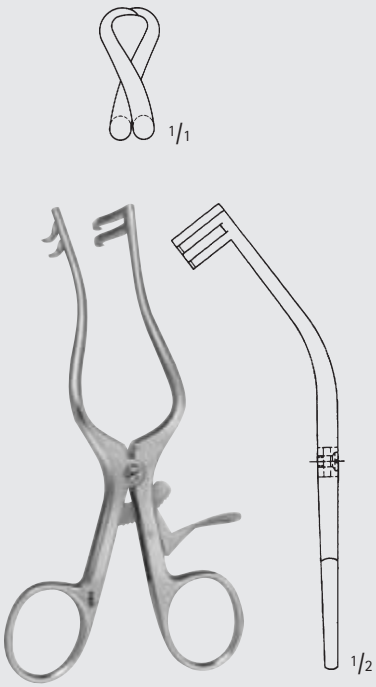
PLESTER

BV091R

stumpf

blunt

110 mm, 4 3/8"



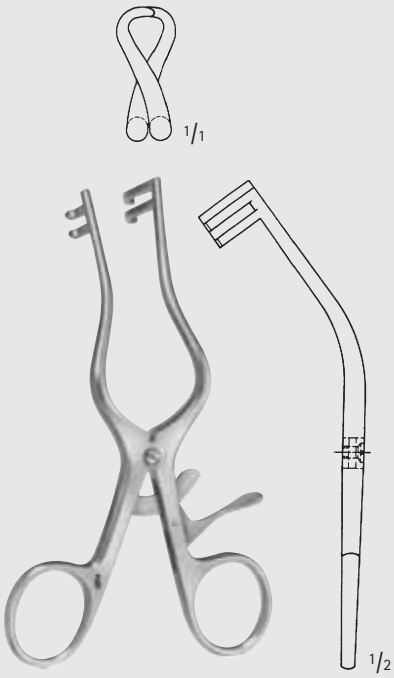
PLESTER

BV078R

scharf

sharp

130 mm, 5 1/8"



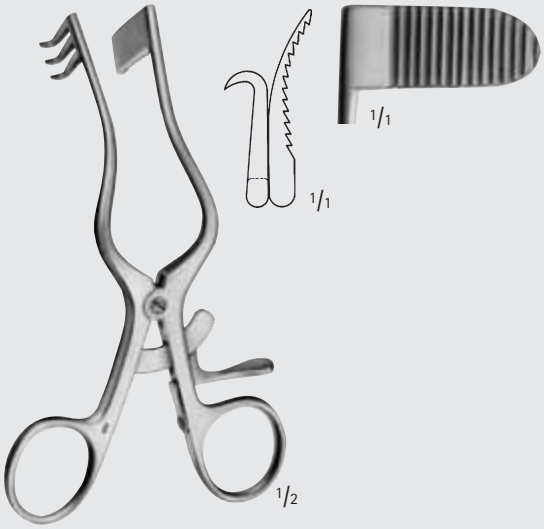
PLESTER

BV079R

stumpf

blunt

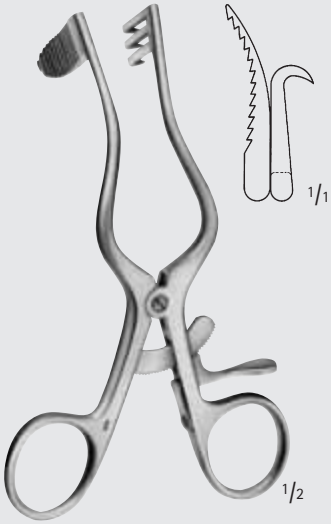
130 mm, 5 1/8"



PERKINS

OK794R

130 mm, 5 1/8"



PERKINS

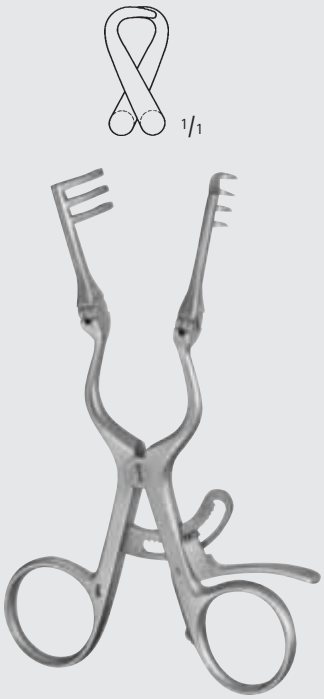
OK795R

130 mm, 5 1/8"

RNTNE HOSPITAL

BV084R

scharf
sharp
165 mm, 6 1/2"



ADSON-BABY

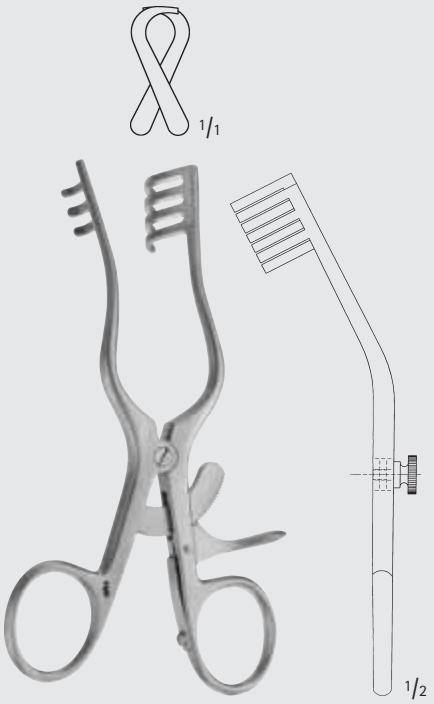
BV085R	140 mm	5 1/2"
BV094R	165 mm	6 1/2"

halbscharf
semi-sharp

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

Self-Retaining Retractors



JEFFERSON

BV092R

gebogen, stumpf

curved, blunt

140 mm, 5 1/2"

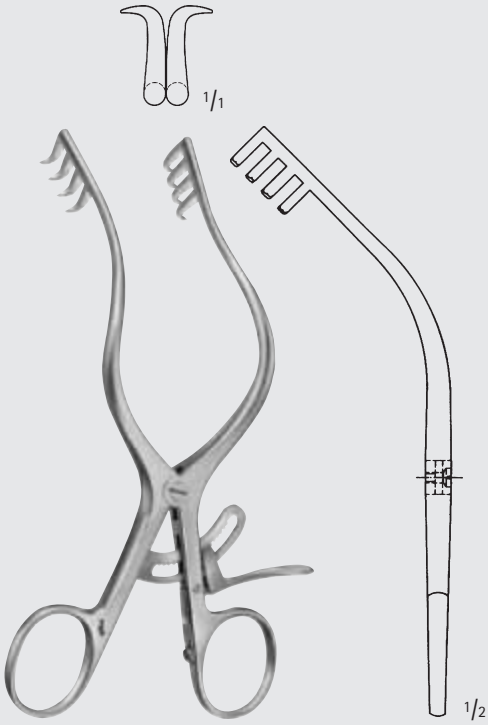
MOLLISON

BV093R

scharf

sharp

140 mm, 5 1/2"



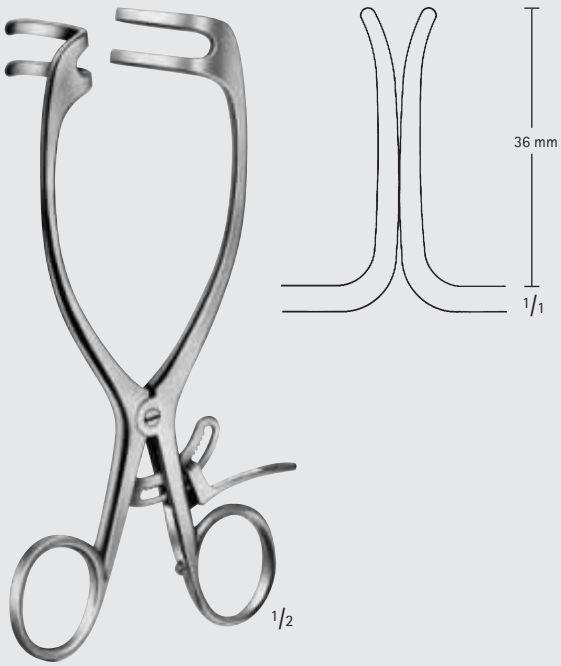
MOLLISON

BV088R

scharf

sharp

155 mm, 6"



MAYO-ADAMS

BV112R

165 mm, 6 1/2"

HENDERSON

BV113R

scharf

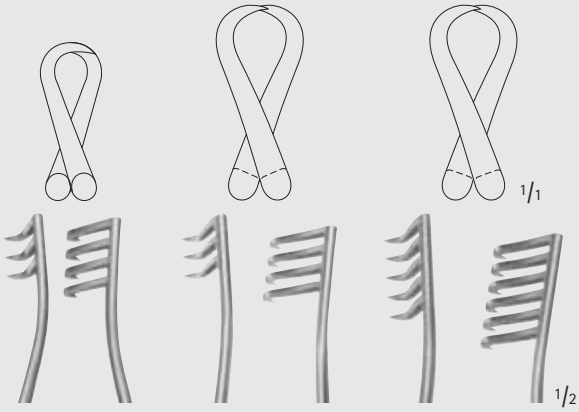
sharp

180 mm, 7"

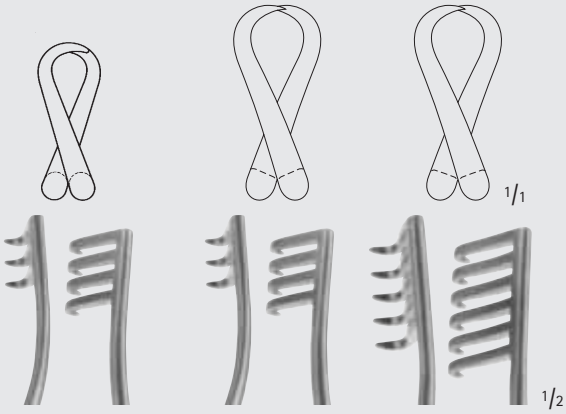
Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer

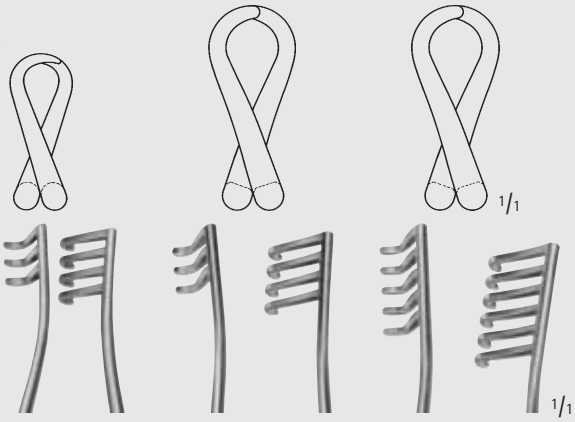
Self-Retaining Retractors



BV200R	BV206R	BV208R
scharf	scharf	scharf
sharp	sharp	sharp
195 mm	240 mm	255 mm
7 3/4"	9 1/2"	10"



BV199R	BV203R	BV205R
halbscharf	halbscharf	halbscharf
semi-sharp	semi-sharp	semi-sharp
195 mm	240 mm	255 mm
7 3/4"	9 1/2"	10"



BV201R	BV207R	BV209R
stumpf	stumpf	stumpf
blunt	blunt	blunt
195 mm	240 mm	255 mm
7 3/4"	9 1/2"	10"

WEITLANER

BV199R–BV209R

IRWIN

BV247R

scharf

sharp

175 mm, 7"

TRAVERS

BV249R

stumpf

blunt

215 mm, 8"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Laminektomie-Wundspreizer

Self-Retaining Laminectomy Retractors

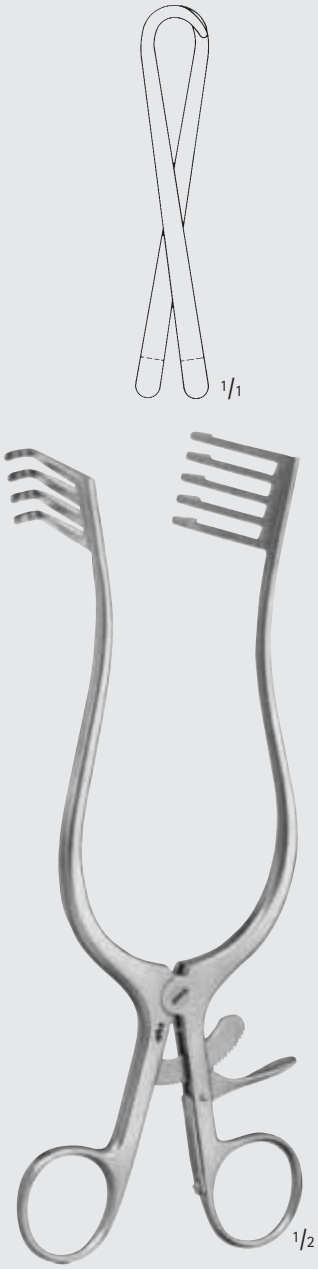
ANDERSON-ADSON

BV250R

scharf

sharp

190 mm, 7 1/2"



NORFOLK AND NORWICH

BV248R

stumpf

blunt

220 mm, 8 3/4"

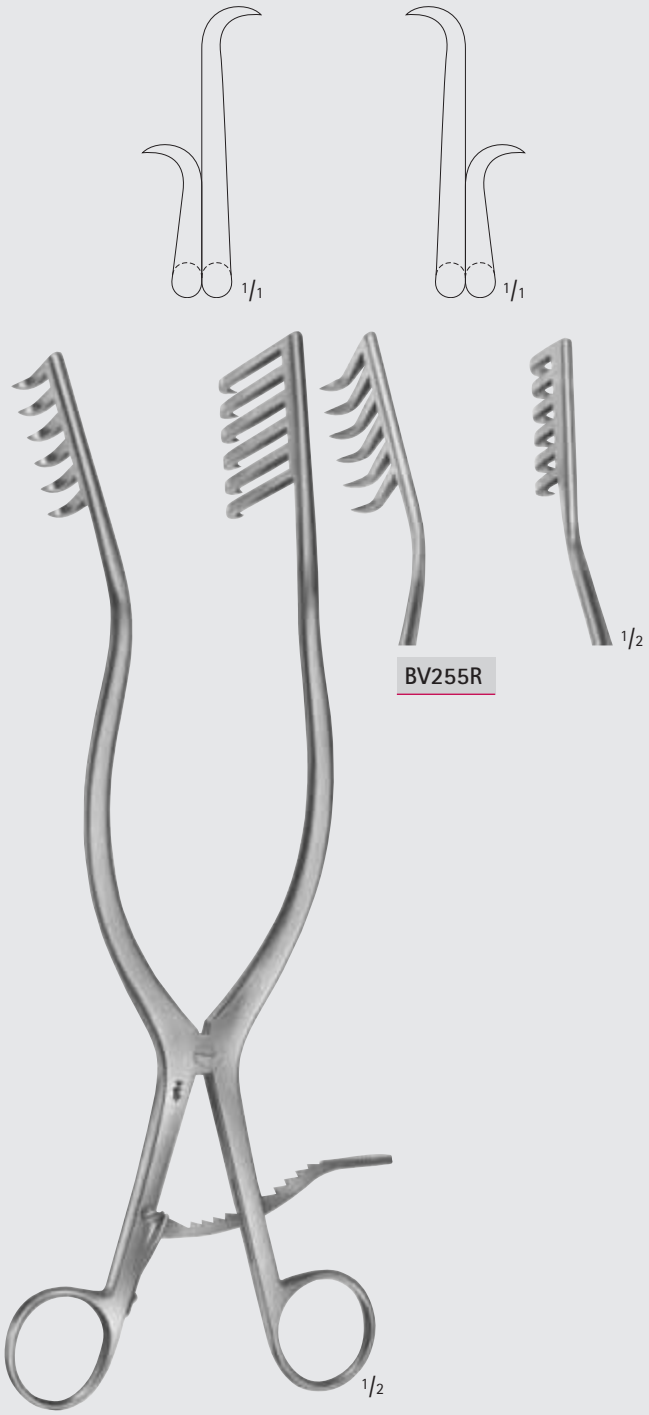
ADSON

BV252R

scharf

sharp

265 mm, 10 1/2"



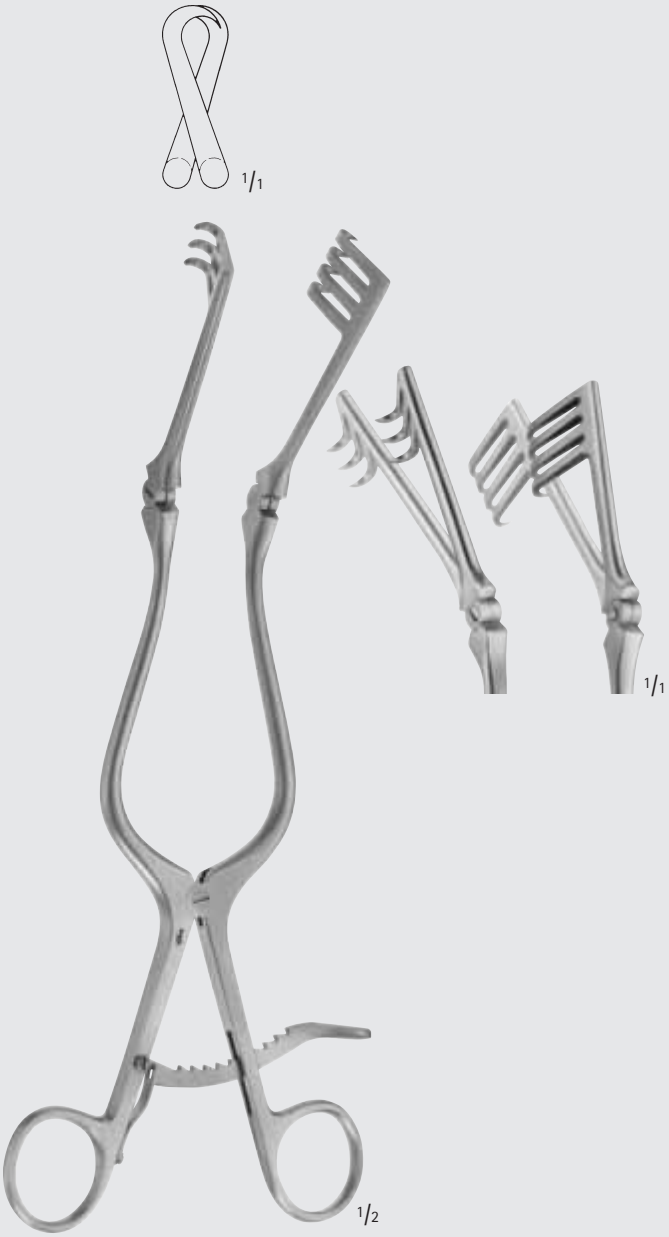
BV255R

BV254R-BV255R

Hemilaminektomiespreizer
scharf

Hemi-laminectomy retractor
sharp

280 mm, 11"



CONE

BV260R

scharf

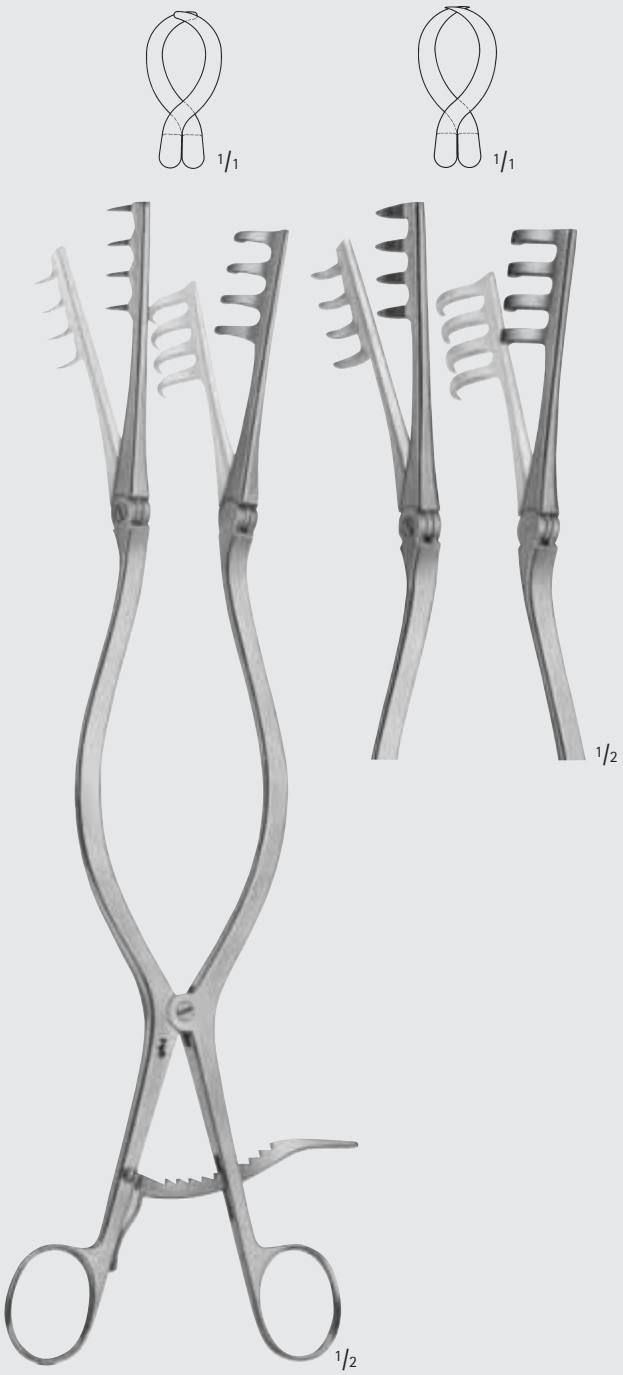
sharp

265 mm, 10 1/2"

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

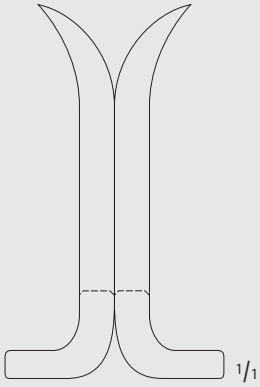
sharp

280 mm, 11"

ADSON

BV273R

halbscharf
semi-sharp
320 mm, 12 3/4"



BECKMANN-EATON

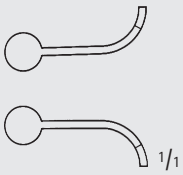
BV276R

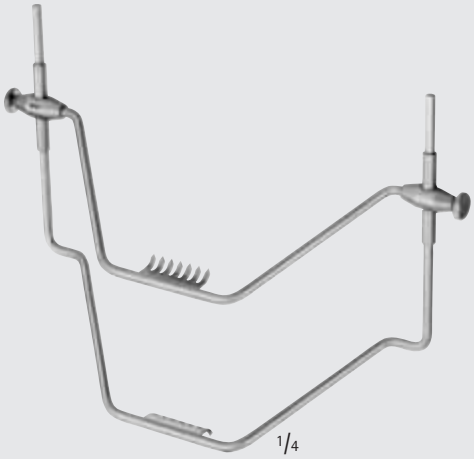
scharf
sharp
320 mm, 12 3/4"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Spezialwundspreizer

Special Retractors





BV086R

Strumaspreizer

Thyroid retractor

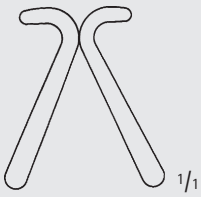
JOLL (FRIEDMANN)

BV087R

Thyreoid- und Vulva-Spreizer

Thyroid- and vaginal retractor

155 mm, 6"



JACKSON-BURROWS

BV993R

Wundspreizer, stumpf

Retractor, blunt

185 mm, 7 1/4"

GELPI

BV996R

Vulva-Spreizer

Vaginal retractor

135 mm, 5 1/4"

GELPI

BV997R

Haut- und Vulva-Spreizer

Skin- and vaginal retractor

175 mm, 7"

DE BAKEY

BV998R

Femur-Wundspreizer für Kinder

Femur retractor for children

100 mm, 4"

DE BAKEY

BV999R

Femur-Wundspreizer

Femur retractor

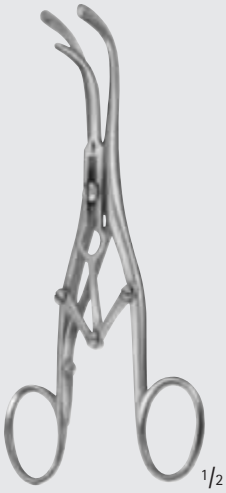
145 mm, 5 3/4""

BV

TROUSSEAU

FA005R

120 mm, 4 3/4"



LABORDE

FA006R

125 mm, 5"

LABORDE

FA007R

kräftiges Modell

strong pattern

135 mm, 5 1/4"

BV712T
30 x 30 mm

BV713T
90 x 60 mm

ALLENBERG

BV710R

Illiaca-Sperrer komplett,
bestehend aus:

BV711R	Sperrer allein
BV712T	Retraktorblatt lateral
BV713T	Retraktorblatt medial

Illiac 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.

1/3

BV709R

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

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Wundspreizer für Laminektomie und andere Applikationen

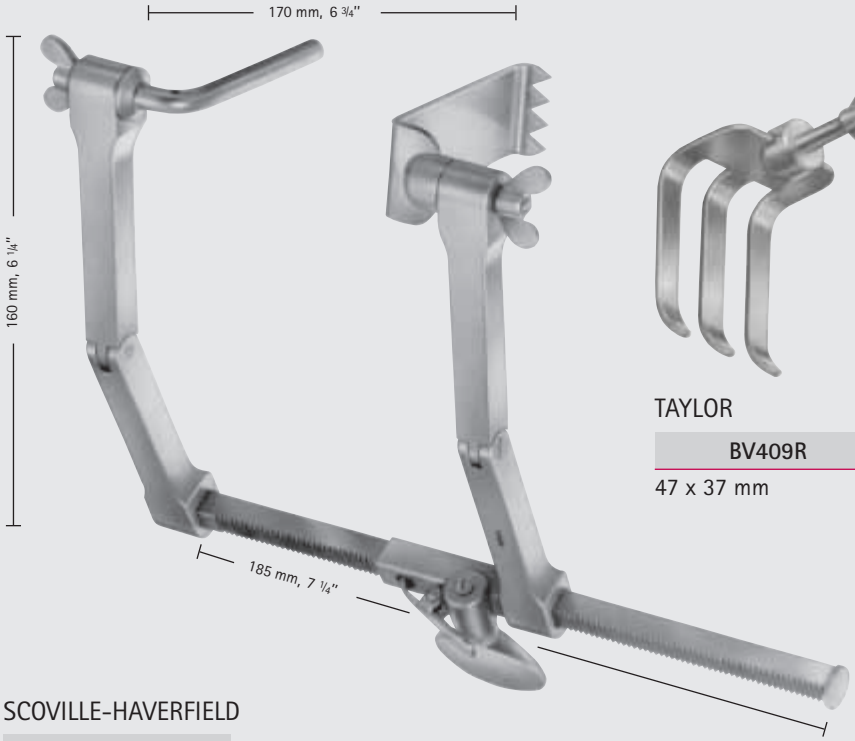
Self-Retaining Retractors for Laminectomy and Other Applications

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

Aesculap Kugelschnellverschluss an Sperrern und Blättern

Vorteile:

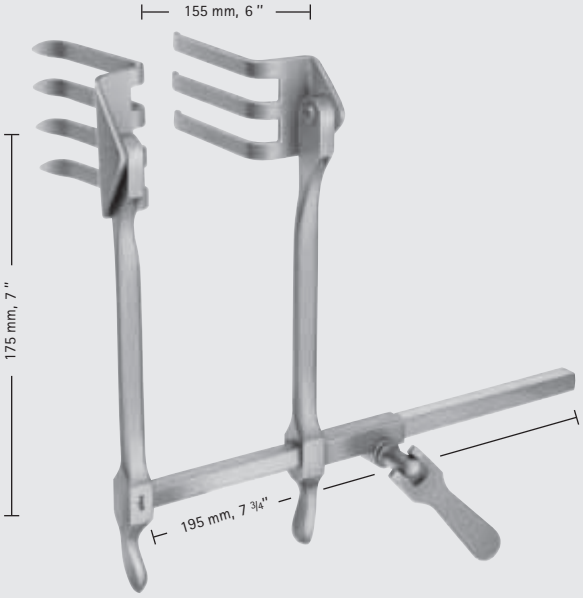
- Sicheres Arretieren der Blätter ohne zusätzliche Verriegelung.
  - Verhindert Herausfallen der Blätter aus den Sperrerarmen, auch beim Anreichen.
  - Glatte Oberfläche, dadurch können Ligaturfäden nicht hängenbleiben.
- Schnelles, problemloses Auswechseln der Blätter, auch intraoperativ.
- Universelle Kombinationsmöglichkeiten der verschiedenen Sperrermodelle 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
62 x 37 mm
PAA = Paar
PAA = Pair

BV517R
47 x 51 mm

BV518R
30 x 40 mm

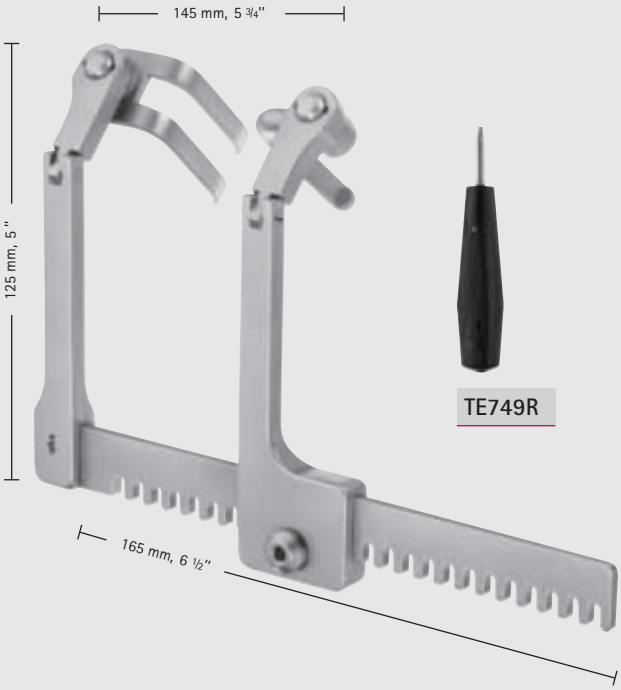
BV519R
37 x 62 mm

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, thorakal 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

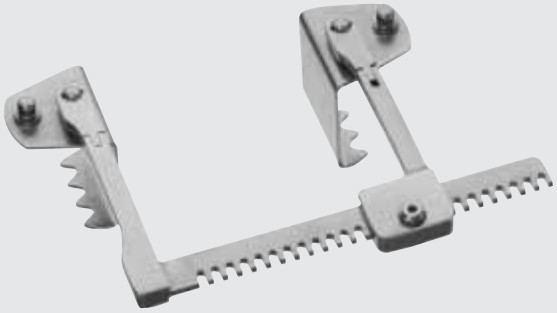
BV451R	32 x 37 mm
BV452R	37 x 37 mm
BV453R	42 x 37 mm
BV454R	47 x 37 mm
BV455R	52 x 37 mm
BV456R	57 x 37 mm
BV457R	62 x 37 mm
BV458R	67 x 37 mm

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

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.



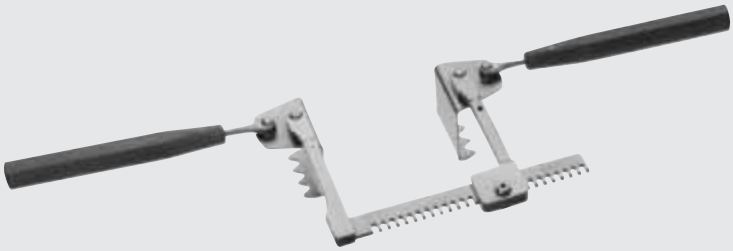
CASPAR

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

BV381R

BV382R

BV391R

BV392R

BV383R

BV384R

BV393R

BV394R

BV385R

BV395R

CLOWARD MODIF.

BV380R

Sperrer komplett,
bestehend aus:

BV379R	Sperrer allein
BV381R	Blatt
BV382R	Blatt
BV383R	Blatt
BV384R	Blatt
BV385R	Blatt

Retractor complete,
consisting of:

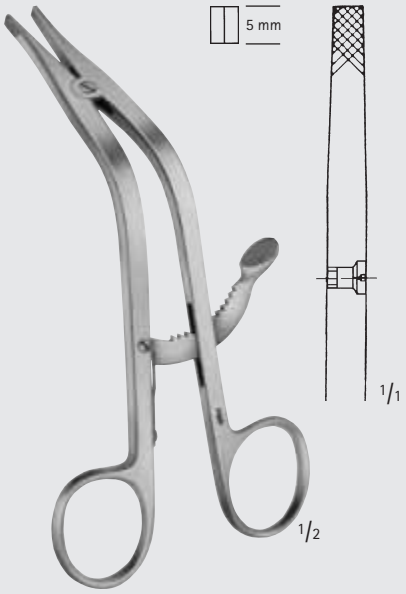
BV379R	Spreader only
BV381R	Blade
BV382R	Blade
BV383R	Blade
BV384R	Blade
BV385R	Blade

10 mm, 250 "

BV381R–BV395R

Blätter allein zu BV379R

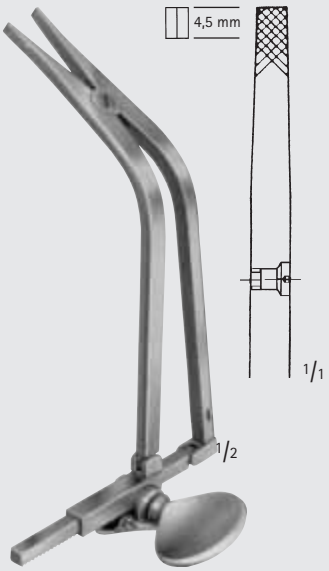
Blades only for BV379R



CLOWARD

BV296R

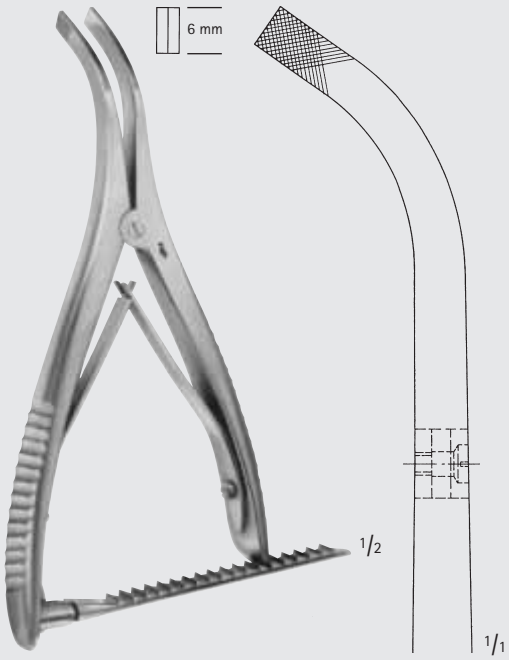
155 mm, 6"



CLOWARD

BV299R

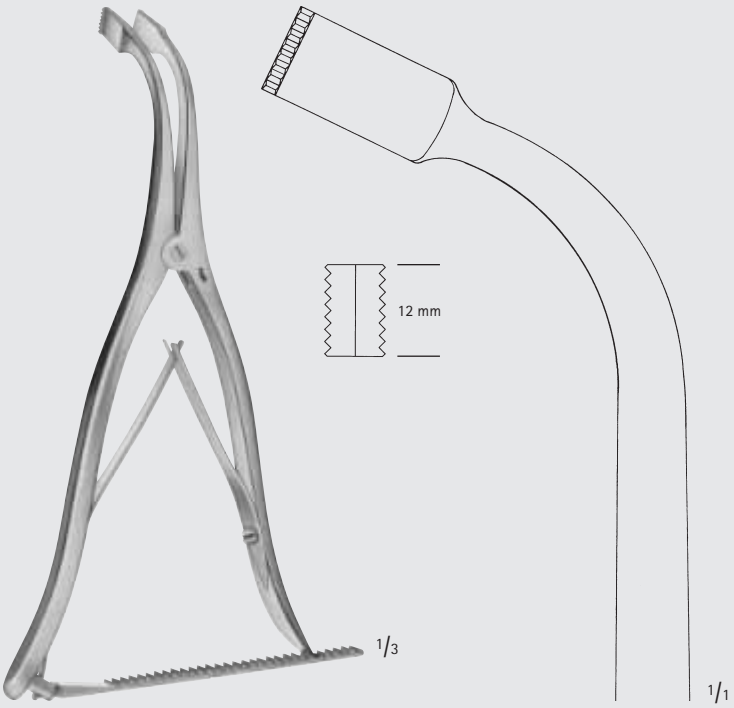
135 mm, 5 1/4"



INGE

BV297R

170 mm, 6 3/4"



INGE

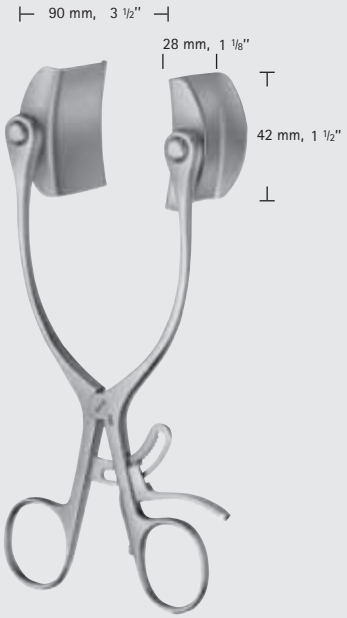
BV298R

275 mm, 10 3/4"

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter
Abdominal Retractors

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



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 Spreader only	BV522R	BV523R	BV523R
Seitl. Blätter (Paar) Lateral blades (pair)	BV551R 37 x 62 mm	BV552R 37 x 80 mm	BV553R 37 x 98 mm
Mittelblatt Center blade	BV361R 54 x 55 mm	BV362R 54 x 67 mm	BV363R 52 x 76 mm

COLLIN

BV535R–BV536R

komplett complete	BV535R	BV536R
Sperrer allein Spreader only	BV524R	BV524R
Seitl. Blätter (Paar) Lateral blades (pair)	BV555R 48 x 59 mm	BV554R 61 x 80 mm
Mittelblatt Center blade	BV338R 63 x 74 mm	BV338R 63 x 74 mm

320 mm, 12 ½"

RICARD

BV542R–BV543R

komplett complete	BV542R	BV543R
Sperrer allein Spreader only	BV527R	BV527R
Seitl. Blätter (Paar) Lateral blades (pair)	BV556R 58 x 80 mm	BV557R 72 x 84 mm
Mittelblatt Center blade	BV366R 54 x 70 mm	BV367R 72 x 90 mm

275 mm, 10 ¾"

HOLZBACH

BV545R

komplett complete		
Seitl. Blätter (Paar) Lateral blades (pair)	BV558R 59 x 80 mm	
Mittelblatt Center blade		BV369R 74 x 82 mm

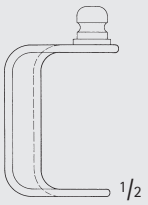
Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenvalven

Abdominal Blades

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

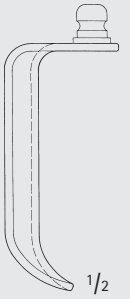
Bestelleinheit der Blätter: PAA = Paar
Sales unit of blades: PAA = pair



BV551R-BV553R

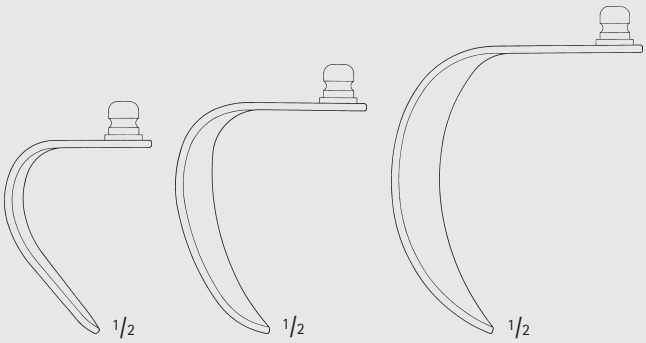
Seitliche Blätter allein
Lateral blades only

BV551R	37 x 62 mm
BV552R	37 x 80 mm
BV553R	37 x 98 mm



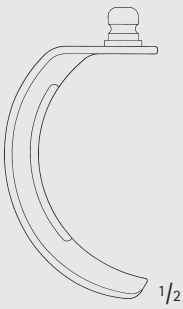
BV554R

BV554R	61 x 80 mm



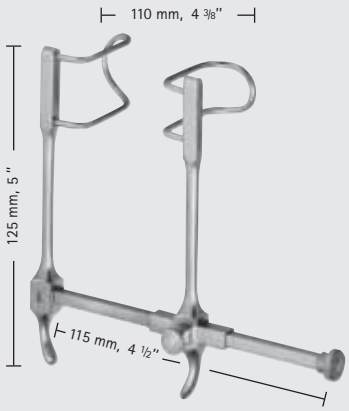
BV555R-BV557R

BV555R	48 x 59 mm
BV556R	58 x 80 mm
BV557R	72 x 84 mm



BV558R

BV558R	59 x 80 mm

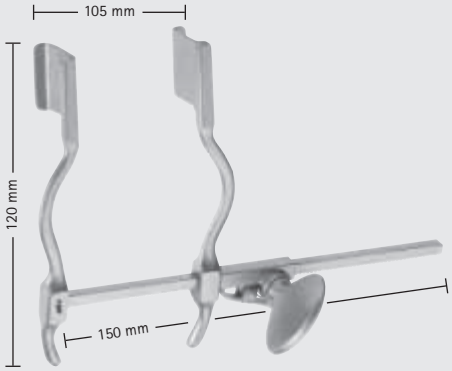


GOSSET

BV500R

Blätter: 38 mm tief

Blades: 38 mm deep

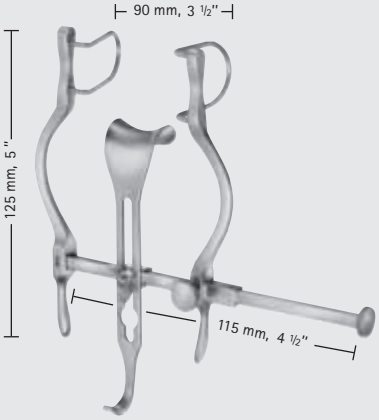


HERTZLER

BV512R

Blätter 20 x 25 mm

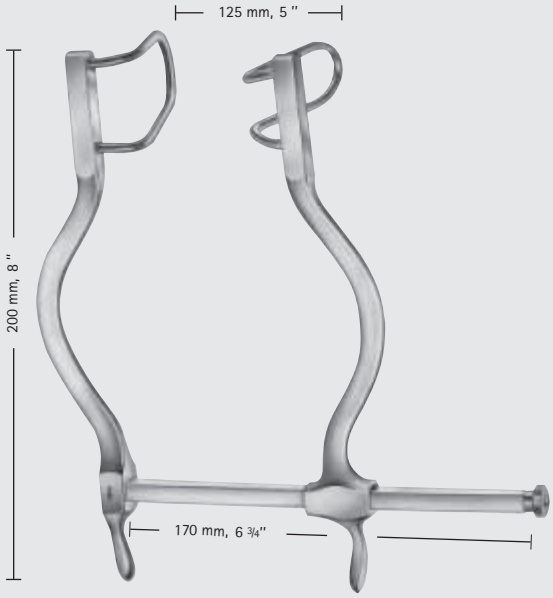
Blades 20 x 25 mm



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

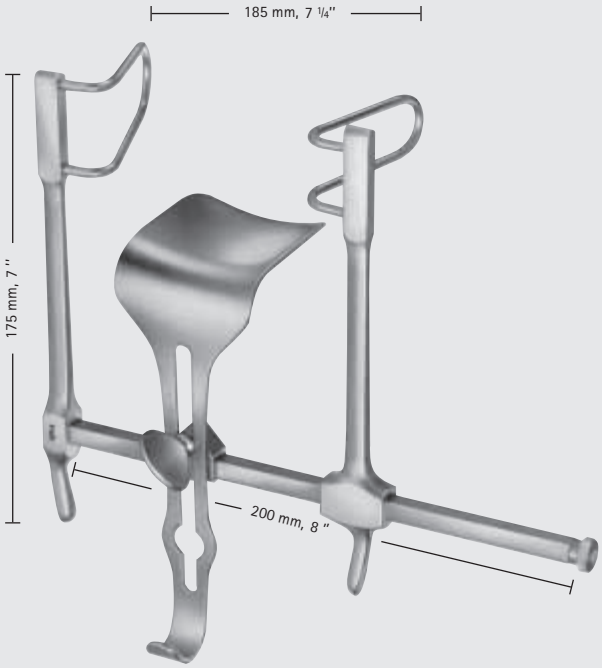


GOSSET

BV502R

Blätter: 55 mm tief

Blades: 55 mm deep



GOSSET

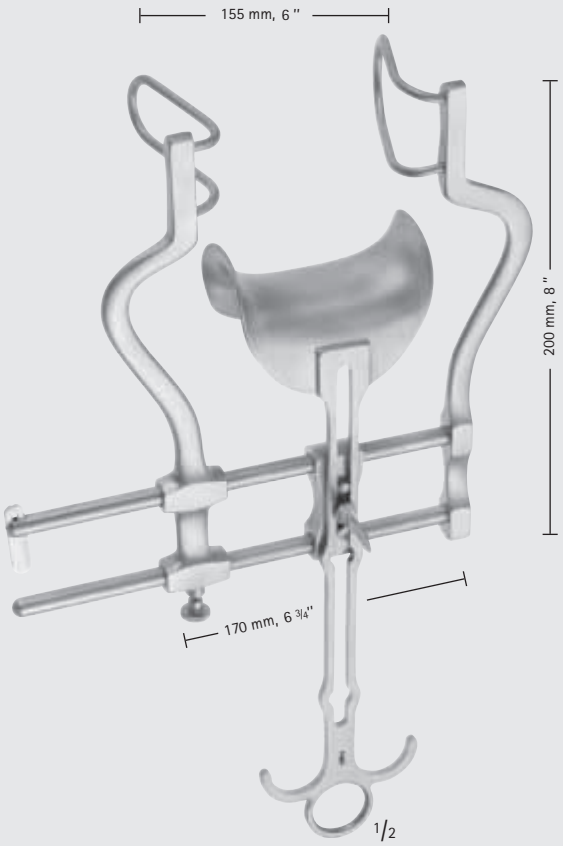
BV505R

Seitl. Blätter	58 mm tief
Mittelblatt	BV506R 59 x 57 mm
Lateral blades	58 mm deep
Center blade	BV506R 59 x 57 mm

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

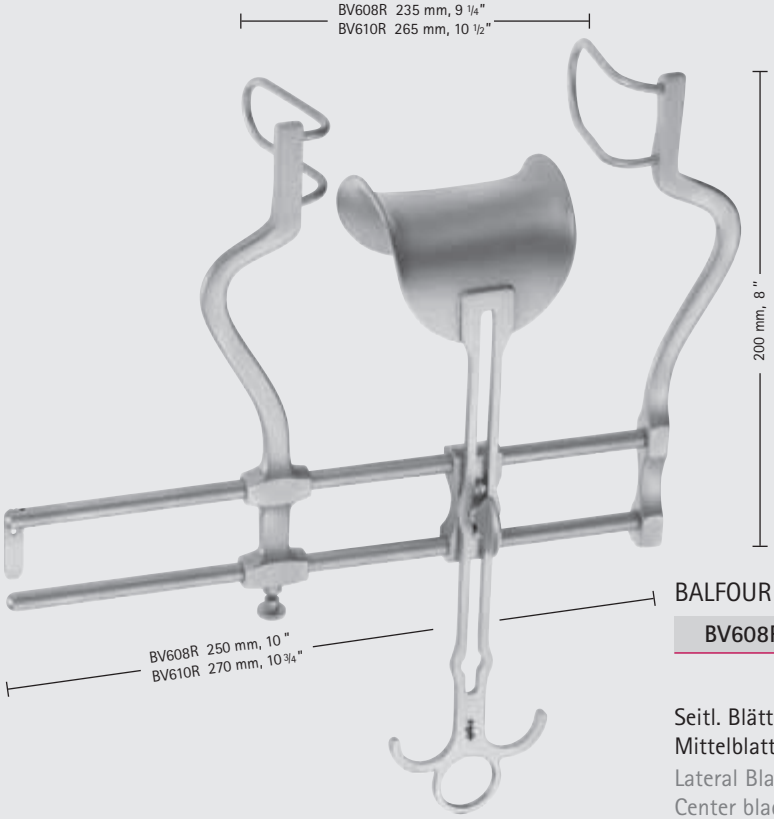
Abdominal Retractors



BALFOUR

BV605R

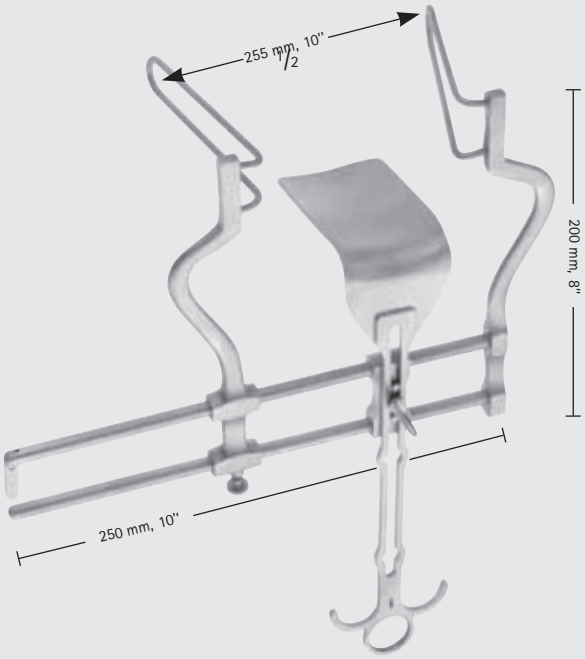
Seitl. Blätter	60 mm tief
Mittelblatt	BV606R 47 x 80 mm
Lateral blade	60 mm deep
Center blade	BV606R 47 x 80 mm



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



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

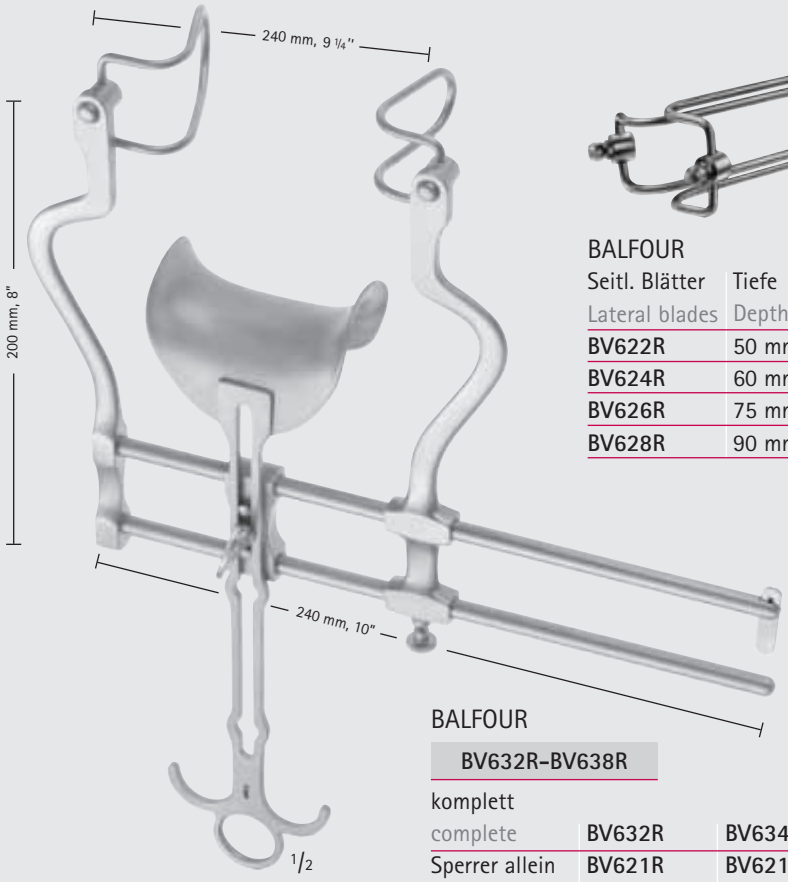
Mittelblatt, geschlitzt
zur retropubischen Prostatektomie
Center blade, slotted
for retropubic prostatectomy
75 x 80 mm

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 50 mm	BV624R 60 mm	BV626R 75 mm	BV628R 90 mm
Mittelblatt Center blade	BV606R 47 x 80 mm	BV609R 62 x 76 mm	BV611R 80 x 80 mm	BV611R 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

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

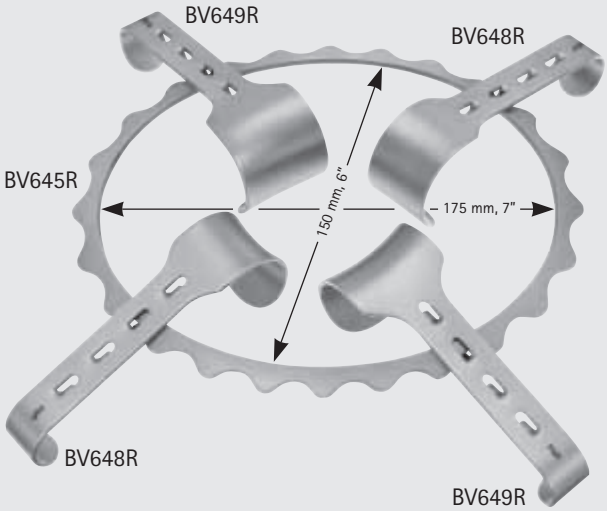
US100202

großes Blatt

large blade

BV

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

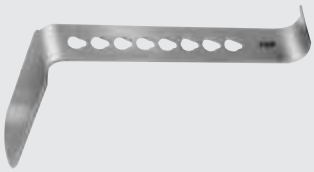
Blatt allein
Blade only
20 x 30 mm

DENIS-BROWNE

BV647R

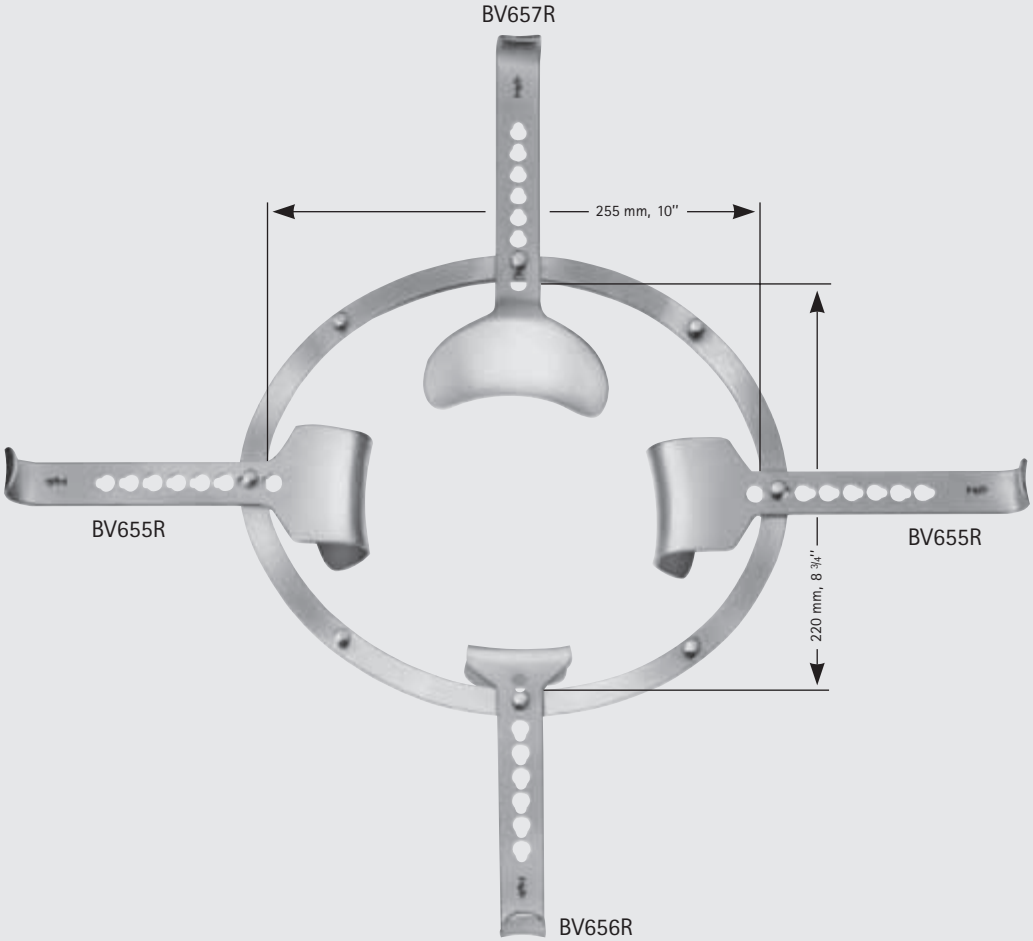
Blatt allein
Blade only
20 x 40 mm

Bauchdeckenhalter für Gynäkologen gut geeignet
Abdominal retractors well suitable for gynaecologists



BV659R

BV658R



SEMM

BV654R

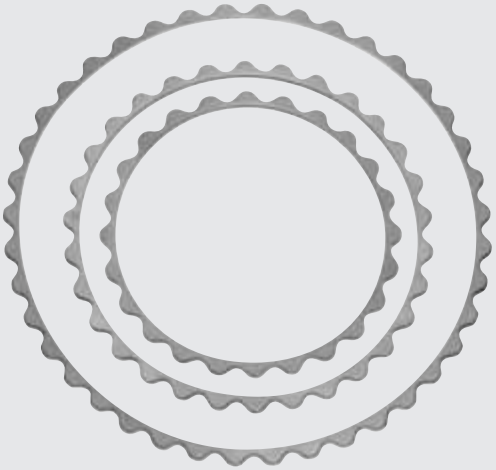
Bauchdeckenhalter komplett,
bestehend aus:

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



BV686R
ø 180 mm
diam 7"

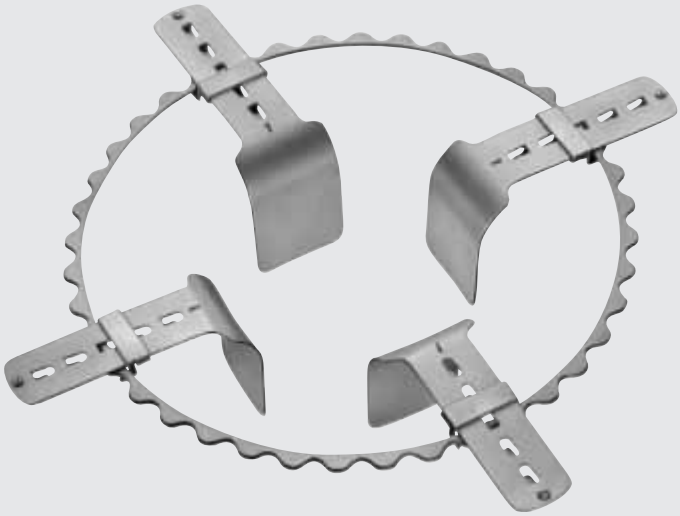
BV687R
ø 230 mm
diam. 9"

BV688R
ø 305 mm
diam. 12"

TURNER-WARWICK

BV686R

Bauchdeckenrahmen, rund
Retractor frame, round



TURNER-WARWICK

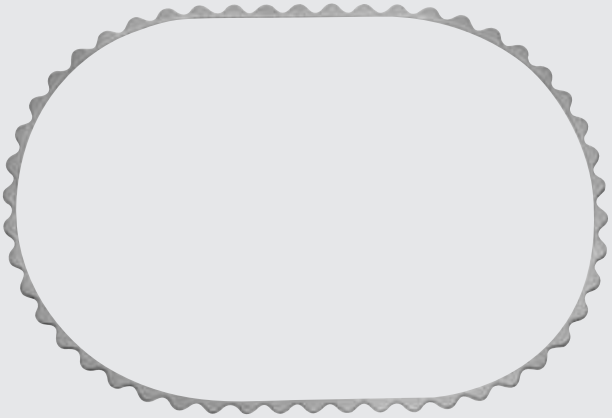
BV685R

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

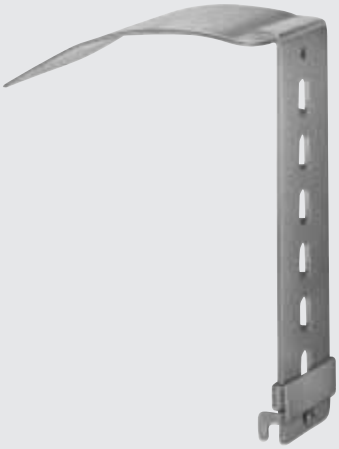
BV689R

Bauchdeckenrahmen, oval
Retractor frame, oval
457 x 330 mm,

BV690R
biegsam
malleable
76 x 19 mm

BV691R
biegsam
malleable
102 x 38 mm

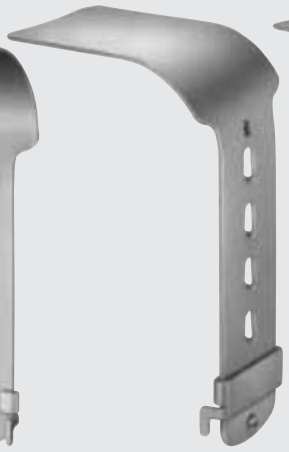
BV692R
biegsam
malleable
89 x 57 mm



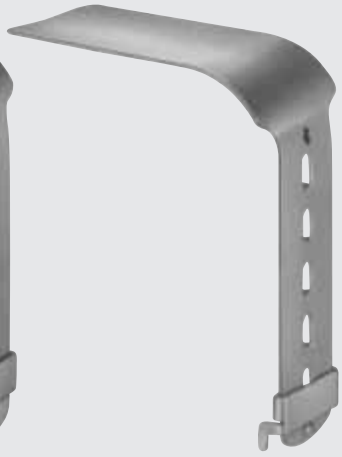
BV693R
biegsam
malleable
114 x 57 mm

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

Wundspreizer, Bauchdeckenhalter – Self-Retaining Retractors, Abdominal Retractors

Bauchdeckenhalter

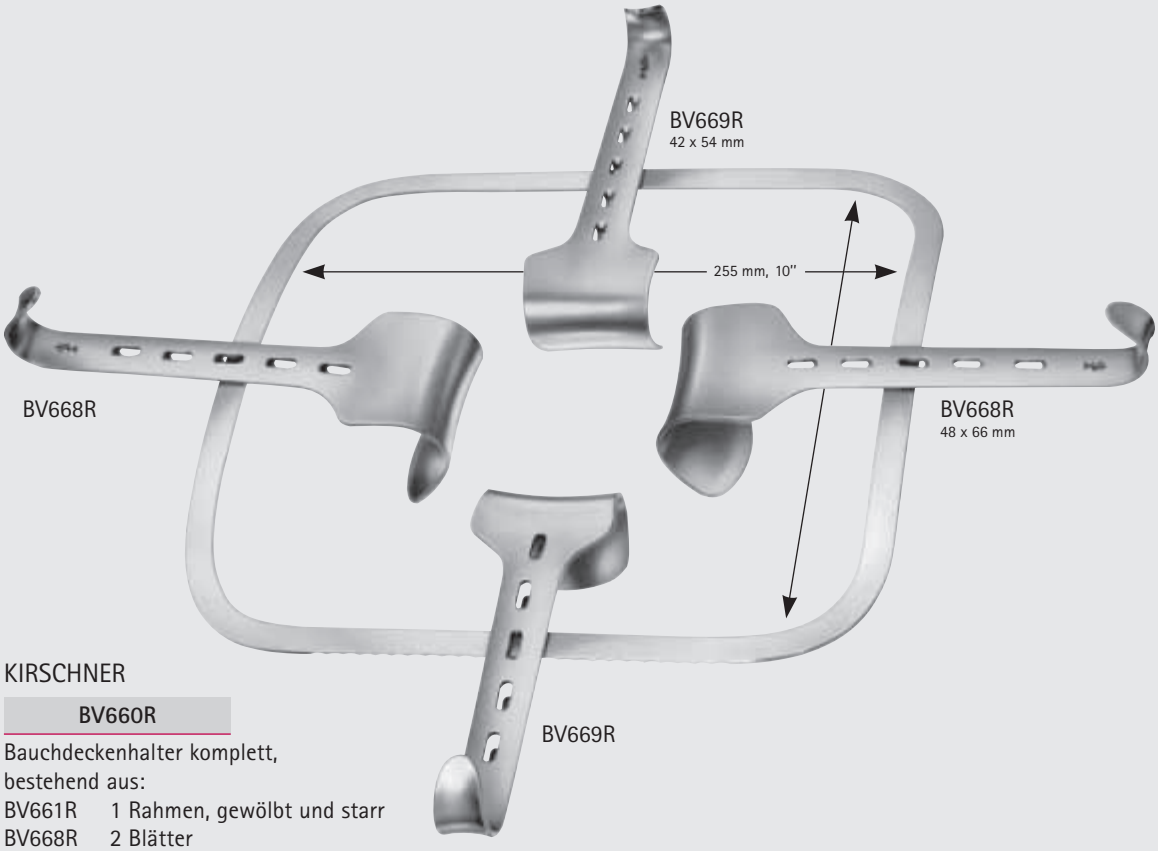
Abdominal Retractors

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

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

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

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

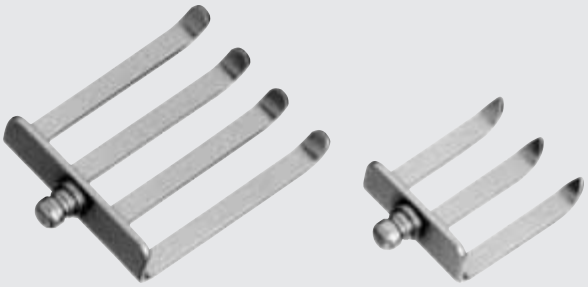
Bladder retractor complete, consisting of:

BV575R	Spreader only
BV576R	Blades 57 x 25 mm
BV577R	Blades 82 x 25 mm
BV578R	Center blade 105 x 45 mm

LEGUEU

BV928R

Blasenspatel
Bladder spatula
260 mm, 10 1/4″



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.

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

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.

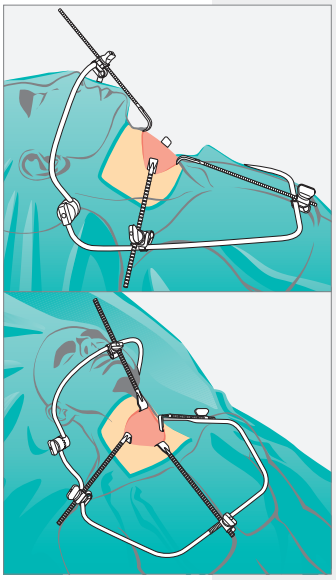
The FRANKFURT retraction system is a universal mini retraction system.

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.

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

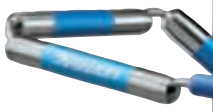
Retraktion in Perfektion
Retraction in Perfection

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



- 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
  Pneumatical 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**.

GK

Elektrochirurgie
Electrosurgery

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

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

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 pushbottons, 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

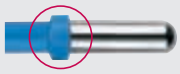
GN221

Einmal-Elektrodenhandgriff, ohne Fingertaster
Single use electrode handle, without finger pushbuttons

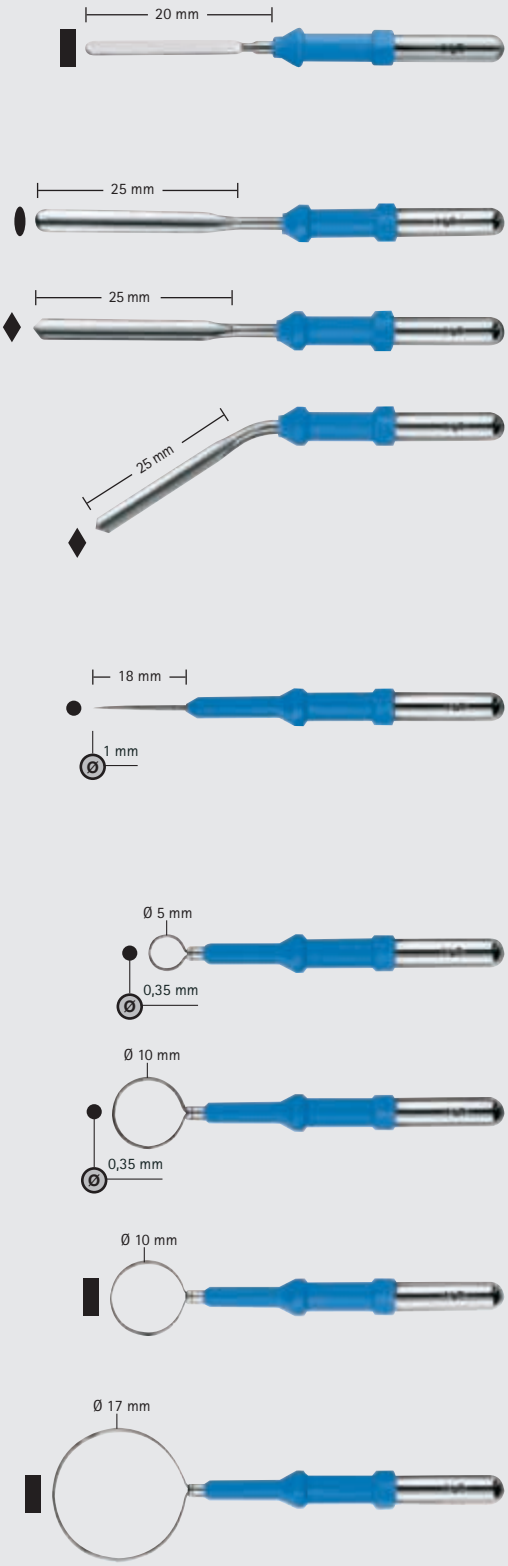
Single Use

Elektrodenhandgriffe
Electrodes handles
Bestelleinheit:
PAK = Packung à 50 Stück, einzeln steril verpackt
Sales unit:
PAK = Package of 50 pieces, in individual sterile packs

mit Sechskantverdrehschutz
with hexagonal anti-twist protection



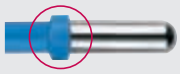
	ø 4,0 mm diam. 4.0 mm	ø 2,4 mm diam. 2.4 mm
Messerelektroden Knife electrodes	GK110R	GK140R
Lanzettenelektroden Cutting electrodes	GK111R	GK141R
	GK112R	GK142R
	GK113R	GK143R
Nadelelektroden Needle electrodes	GK114R	GK144R
Schlingenelektroden Loop electrodes	GK115R	GK145R
	GK116R	GK146R
	GK117R	GK147R
	GK118R	GK148R

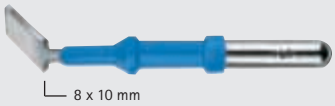
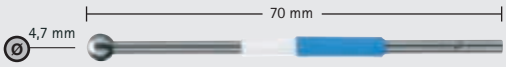
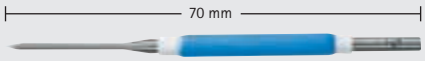


Elektrochirurgie – Electro Surgery

Kurze Arbeitselektroden
Short Working Electrodes

mit Sechskantverdrehschutz
with hexagonal anti-twist protection

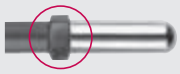


		ø 4,0 mm diam. 4.0 mm	ø 2,4 mm diam. 2.4 mm
Kugelelektroden Ball electrodes		GK121R	GK151R
		GK122R	GK152R
Plattenelektroden Plate electrodes		GK123R	GK153R
Chirurgie-Elektroden-Set bestehend aus: Behälter, Ständer und 12 Elektroden Surgical electrodes set consisting of: container, rack and 12 electrodes		GK174R	
Single Use Kugelelektrode Ball electrode			GK164R
Single Use Nadelelektrode Needle electrode			GK165R

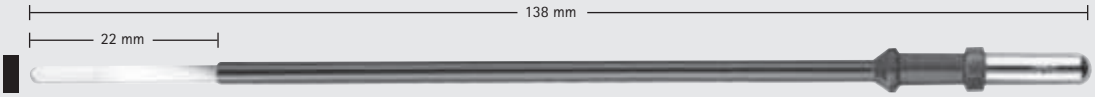
Single Use

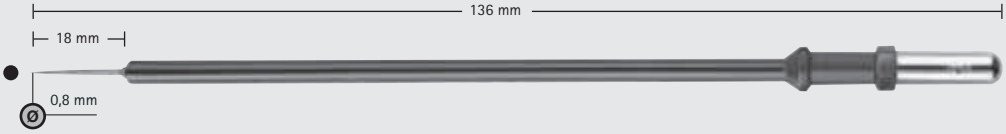
Elektrodenhandgriffe
Electrodes handles
Bestelleinheit:
PAK = Packung à 50 Stück, einzeln steril verpackt
Sales unit:
PAK = Package of 50 pieces, in individual sterile packs

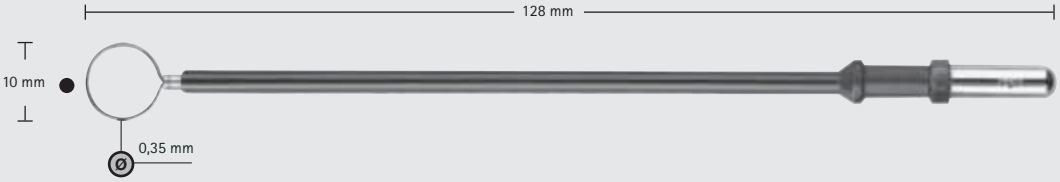
mit Sechskantverdrehschutz
with hexagonal anti-twist protection

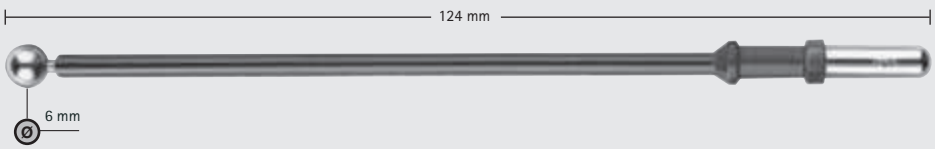


	ø 4,0 mm diam. 4.0 mm	ø 2,4 mm diam. 2.4 mm
Messerelektroden Knife electrodes	GK125R	GK155R
Nadelelektroden Needle electrodes	GK127R	GK157R
Drahtschlingenelektrode Wire loop electrode	GK128R	
Kugelelektrode Ball electrode	GK129R	

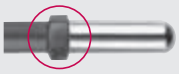




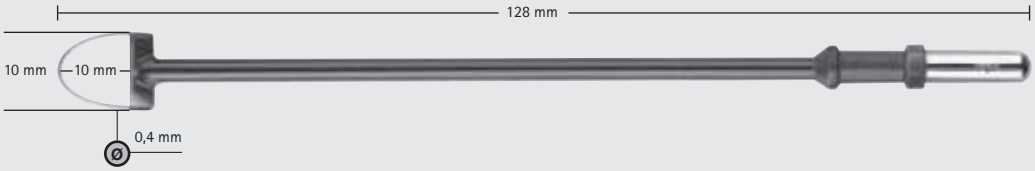




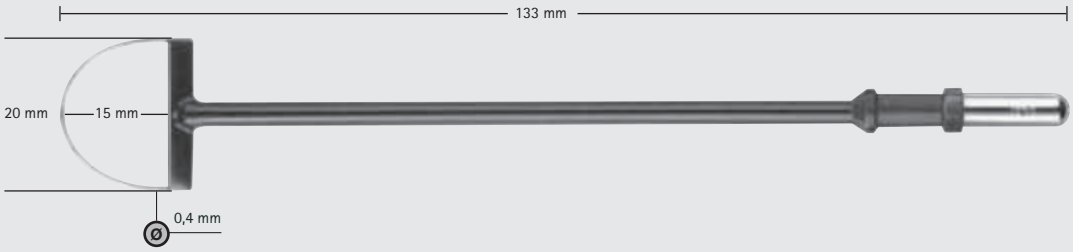
mit Sechskantverdrehschutz
with hexagonal anti-twist protection



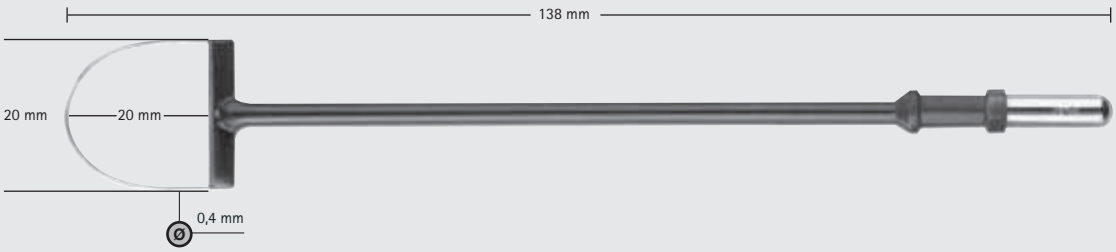
ø 4,0 mm
diam. 4.0 mm



GK131R



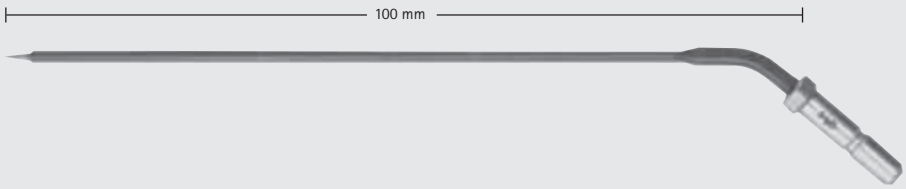
GK132R



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

GN227

Elektrodenhandgriff, ohne Fingertaster
Electrode handle, without finger pushbuttons

GN229

Elektrodenhandgriff, mit Doppelfingertastern
Electrode handle, with two finger pushbuttons

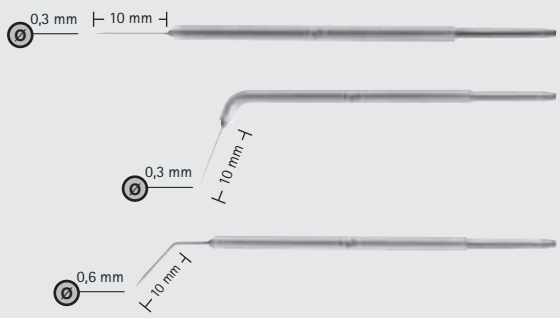
passend für Geräte von Aesculap, ACMI, Berchtold, Martin
suitable for devices from Aesculap, ACMI, Berchtold, Martin

GN203-GN205

Kabel für Elektrodenhandgriff
Cable for electrode handle

GN203	GN205
3,5 m	5,0 m

ø 1,7 mm
diam. 1.7 mm

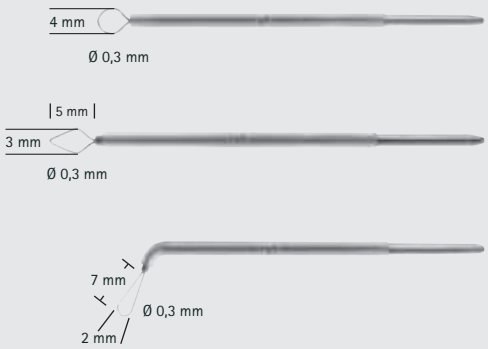


GK301R

GK303R

GK305R

GK301R–GK305R
Nadelelektroden
Needle electrodes

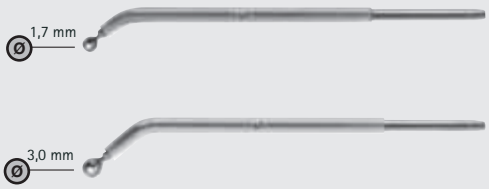


GK307R

GK310R

GK315R

GK307R–GK315R
Schlingenelektroden
Loop electrodes



GK320R

GK321R

GK320R–GK321R
Kugelelektroden
Ball electrodes

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

ABBEY

OL189R

Schleimhautnadel

Mucosa needle

BC608R

Schere, isoliert

Scissors, insulated

200 mm, 8""

Elektrochirurgie – Electro Surgery

Pinzetten, isoliert

Forceps, Insulated

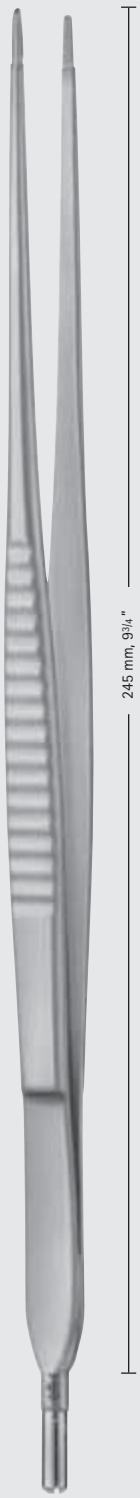
MONOPOLAR

GK012R
130 mm, 5 1/8"

GK005R
180 mm, 7"

GK007R
200 mm, 8"

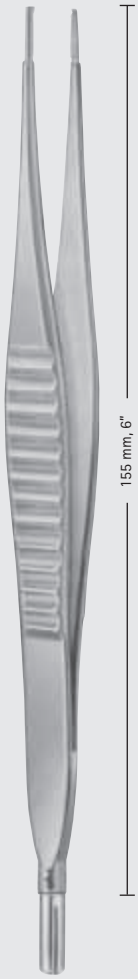
GK010R
230 mm, 9"



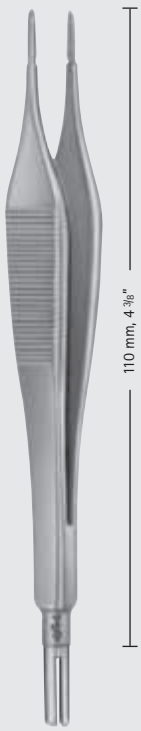
GK013R
270 mm, 10 3/4"

GK033R
350 mm, 14"

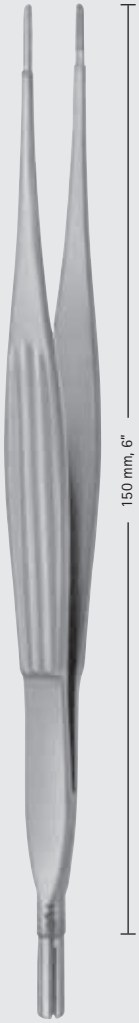
ADSON
GK015R
150 mm, 6"



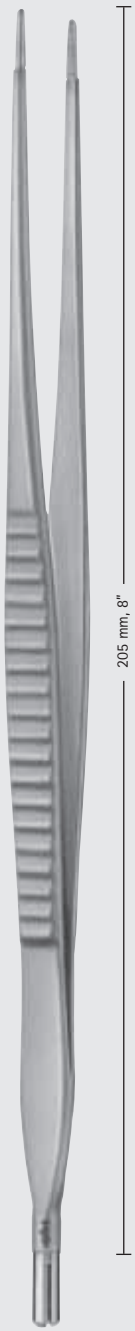
GILLES
GK006R
1 x 2 Zähne
1 x 2 teeth
170 mm, 6 3/4"



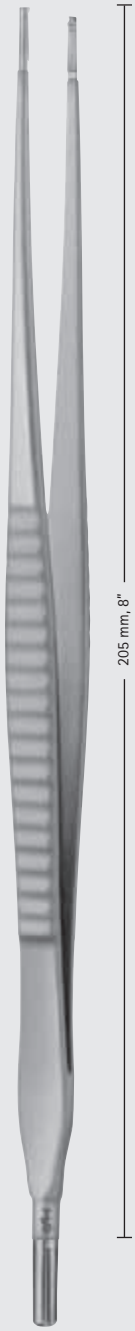
TURNER
GK008R
130 mm, 5 1/8"



MC INDOE
GK009R
175 mm, 7"



WAUGH
GK016R
230 mm, 9"



WAUGH
GK017R
1 x 2 Zähne
1 x 2 teeth
230 mm, 9"

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"

ATRAUMATA®

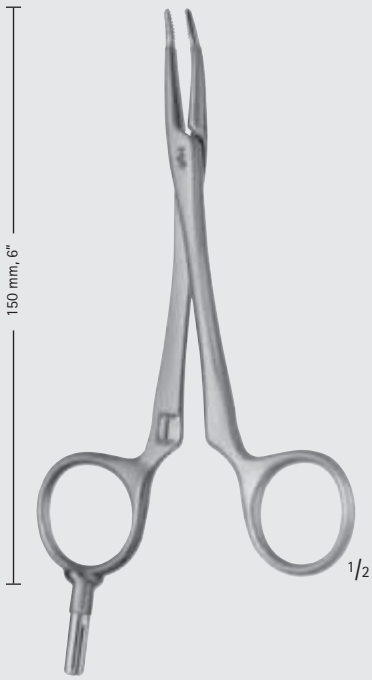
BD852R	BD853R	BD854R
200 mm	240 mm	300 mm
8"	9 1/2"	12"

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

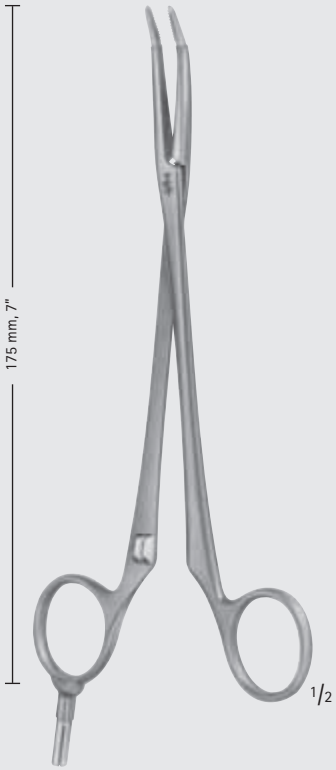
BD858R	BD859R	BD860R
200 mm	240 mm	300 mm
8"	9 1/2"	12"



RICHES

BH353R

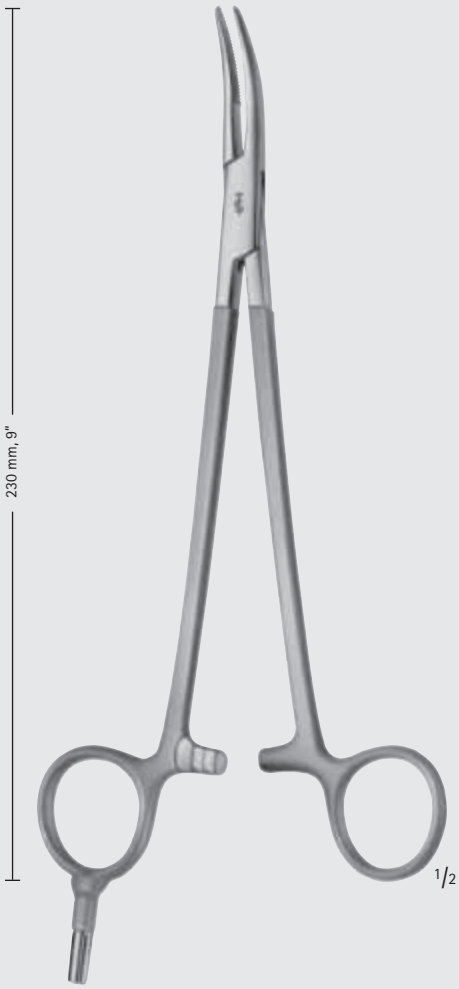
175 mm, 7"



RICHES

BH354R

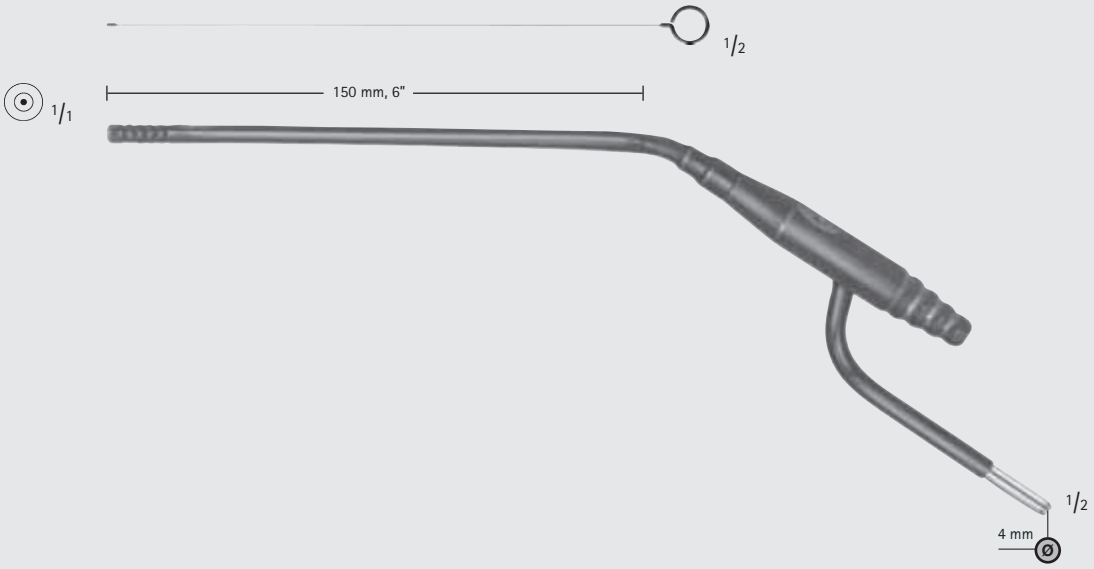
200 mm, 8"



WILSON-HEY

BH243R

255 mm, 10"



LANDOLT

GK550

Koagulations-Absaugkanüle mit Mandrin

Coagulation suction cannula with mandrel

Elektrochirurgie – Electro Surgery

Anschlusskabel

Connecting Cables

	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side
GN202 3,5 m	Aesculap ACMI Berchtold Martin		4 mm Ø Buchse Socket
GN204 3,5 m			5 mm Ø Buchse Socket
GK239 3,5 m	Erbe ACC/ICC	Ø 5 mm	4 mm Ø Buchse Socket
		Monopolar Adapter Monopolar adapter	
GN216	Aesculap		Erbe, Storz
GK245 3,5 m	Erbe T	Ø 4 mm	4 mm Ø Buchse Socket
GK180 3,5 m		Ø 4 mm	5 mm Ø Buchse Socket
GK246 3,5 m	ACMI Conmed Erbe ICC intern. Eschmann Valleylab US-Norm	Ø 8 mm	4 mm Ø Buchse Socket
GK181 3,5 m		Ø 8 mm	5 mm Ø Buchse Socket

Aesculap Rundstecker
Aesculap round pin connector

schwarz isoliert
black insulation

0,4 mm

1/1

GK690R
120 mm, 4 3/4"

0,6 mm 0,9 mm

1/1 1/1

GK720R **GK722R**

GK720R–GK722R
160 mm, 6 1/4"

0,9 mm

1/1

GK723R
160 mm, 6 1/4"

0,9 mm

1/1

GK730R
200 mm, 8"

Drahtbürstchen zum Reinigen von Koagulationspinzetten und Koagulationselektroden.
Wire brush for cleaning coagulation forceps and coagulation electrodes.

GK299

Euro Flachstecker
Euro tab connector

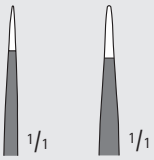
GK809R
scharf
sharp
125 mm, 5"

GK807R
fein
delicate
175 mm, 7"

GK808R
fein
delicate
220 mm, 8 3/4"

Aesculap Flachstecker
Aesculap tab connector

0,6 mm 0,9 mm



GK700R GK701R

GK700R-GK701R
160 mm, 6 1/4"

0,9 mm

GK703R
200 mm, 8"

0,9 mm

GK711R
160 mm, 6 1/4"

0,9 mm

GK713R
200 mm, 8"

Aesculap Flachstecker
Aesculap tab connector

GK595R
120 mm, 4 3/4"

GK596R
145 mm, 5 3/4"

GK597R
110 mm, 4 3/8"

Aesculap Flachstecker
Aesculap tab connector

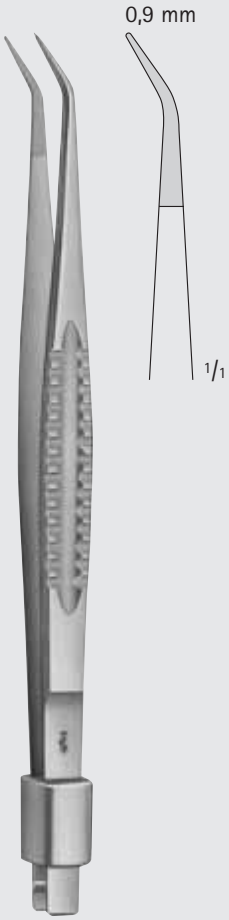
NON STICKING

Bipolare Koagulationspinzette mit Sintram-Spitzen verhindern das Ankleben der koagulierten Gefäße.
Bipolar coagulation forceps with Sintram tips do not stick to coagulated vessels.

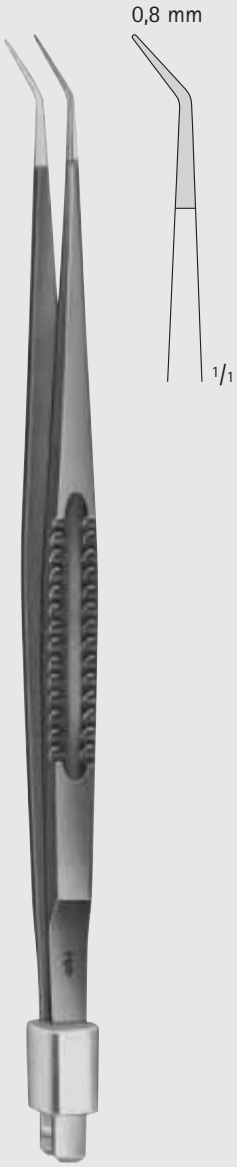
GK604R
160 mm, 6 1/4"
gerade
straight

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

Elektrochirurgie – Electro Surgery

Pinzette, vollisolierte Spitze

Forceps, Fully Insulated Tip

BIPOLAR

bipojet

Aesculap Flachstecker
Aesculap tab connector

1/2

BARRE

GK685R
260 mm,
10 1/4"

1/2

GK881R
160 mm,
6 1/4"

1/2

GK882R
200 mm,
8"

1/2

GK883R
230 mm, 9"

1/2

GK884R
250 mm,
10"

1/2

GK885R
300 mm,
12"

1/2

GK886R
160 mm,
6 1/4"

bipoJet

Aesculap Flachstecker
Aesculap tab connector

1/2

GK891R
160 mm,
6 1/4"

1/2

GK892R
200 mm,
8"

1/2

GK893R
230 mm,
9"

1/2

GK894R
250 mm,
10"

1/2

GK895R
300 mm,
12"

1/2

GK896R
160 mm,
6 1/4"

bipoJet

METENZBAUM
BC685R-BC686R
180 mm, 7"

METENZBAUM
BC687R-BC688R
230 mm, 9"

METENZBAUM
BC689R-BC690R
280 mm, 11"

1/1

1/1

Länge Length	Standard-Spitze Standard tip	Feine Spitze Fine tip
180 mm 7"	BC685R	BC686R
230 mm 9"	BC687R	BC688R
280 mm 11"	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.

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 parallely with finger or foot switch activation

305 x 75 x 305 mm

GN310
Nelson Bibox
Bipolare Schaltbox
Nelson Bibox
Bipolar switchbox

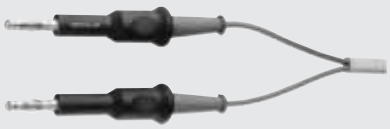
Weitere Informationen finden Sie in unserem Prospekt C304.
For further details see brochure No. C304.

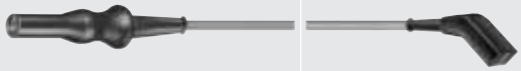
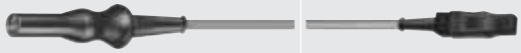
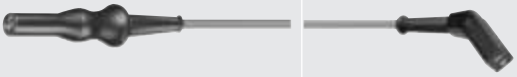
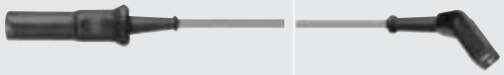
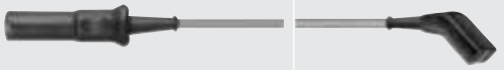
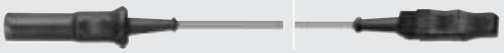
Elektrochirurgie – Electro Surgery

Anschlusskabel

Connecting Cables

bipoJet

	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		

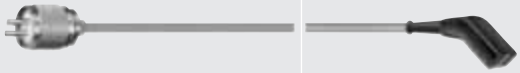
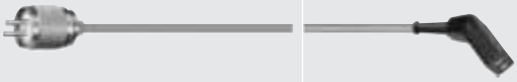
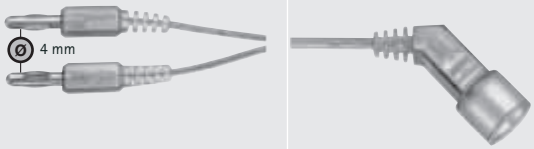
	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side
GN073 3,5 m GN077 5,0 m GN076 3,5 m GN078 5,0 m GN074 3,5 m	Aesculap ACMI Berchtold Martin Wolf	  	Aesculap Flachstecker tab connector Euro-Flachstecker Euro tab connector Aesculap Rundstiftstecker 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
GN217	Aesculap	Bipolar Adapter Bipolar adapter 	Erbe, Storz

Elektrochirurgie – Electro Surgery

Anschlusskabel

Connecting Cables

BIPOLAR

	Geräteseite - Hersteller On the equipment side - Manufacturer		Instrumentenseite On the instrument side	
GK217 3,5 m	Codman			Aesculap Flachstecker tab connector
GK193 3,5 m	Aesculap Bowa EMC Lamidey Söring Valleylab Pin Abstand 29 mm Pin distance 29 mm			Aesculap Flachstecker tab connector
GK194 3,5 m				Euro-Flachstecker Euro tab connector
GK202 3,5 m	AESCULAP GK020 GK021 GK030 GK034 GK050 GK051			Aesculap Flachstecker tab connector
GK212 3,5 m				Aesculap Rundstiftstecker Round pin connector
Single Use				
GK211 3,5 m	AESCULAP ACMI Codman Conmed Olympus Valleylab			für Pinzetten mit Aesculap-Flachstecker und Rundstiftstecker for forceps with Aesculap tab connector and round pin connector

Weitere Informationen finden Sie in unserem Prospekt **C30481**.

For further details see brochure No. **C30481**.

Inhalt C30481 „Elektrochirurgie Zubehör"

Table of Contents C30481 "Electrosurgical Assessories"

- Geräte und Zubehör
  Units and Accessories
- Monopolares 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

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

2 x 3 Zähne, scharf
2 x 3 teeth, sharp

CHAPUT

BF300R

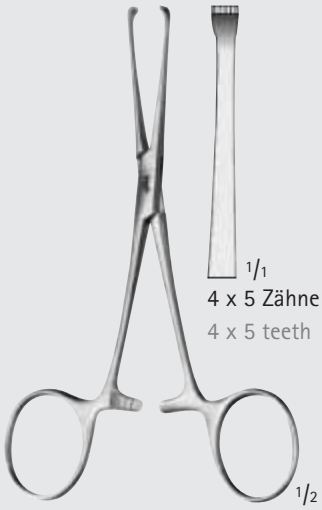
125 mm, 5"

5 x 6 Zähne, scharf
5 x 6 teeth, sharp

TUFFIER

BF301R

125 mm, 5"



4 x 5 Zähne
4 x 5 teeth

BABY-ALLIS

EA012R

130 mm, 5 1/8"

5 x 6 Zähne
5 x 6 teeth

BOYS-ALLIS

EA010R

155 mm, 6"

9 x 10 Zähne
9 x 10 teeth

ALLIS-ADAIR

MD568

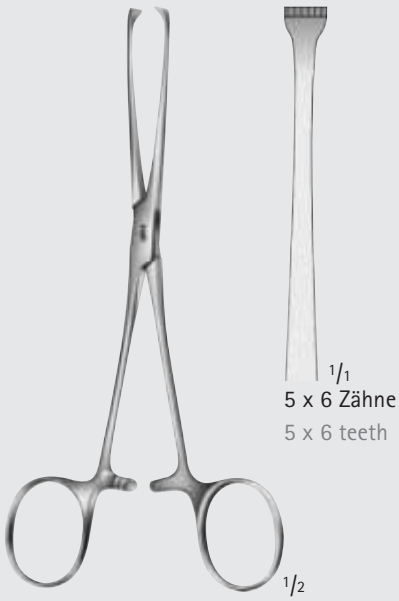
160 mm, 6 1/4"

EA013R	EA014R	EA015R
2 x 3 Zähne	3 x 4 Zähne	4 x 5 Zähne
2 x 3 teeth	3 x 4 teeth	4 x 5 teeth

ALLIS

EA013R–EA015R

155 mm, 6"



5 x 6 Zähne
5 x 6 teeth

ALLIS

EA016R

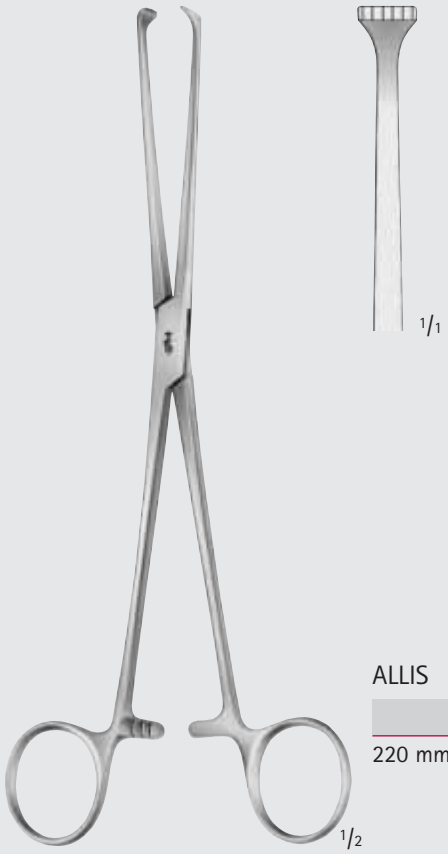
155 mm, 6"

EA017R	EA018R
190 mm	255 mm
7 1/2"	10"

ALLIS

EA017R–EA018R

5 x 6 Zähne
zarte Modelle
5 x 6 teeth
slendern patterns



ALLIS

FB938R

220 mm, 8 3/4"

Abdominale Chirurgie – Abdominal Surgery

Organ- und Gewebefasszangen

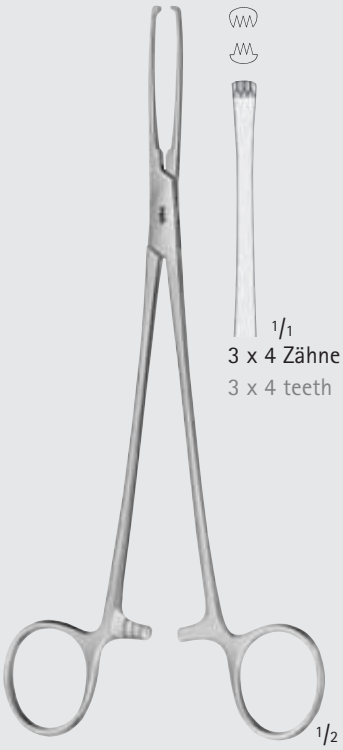
Organ- and Tissue Grasping Forceps

3 x 4 Zähne
3 x 4 teeth

JUDD-ALLIS

EA025R

155 mm, 6"



3 x 4 Zähne
3 x 4 teeth

JUDD-ALLIS

EA026R

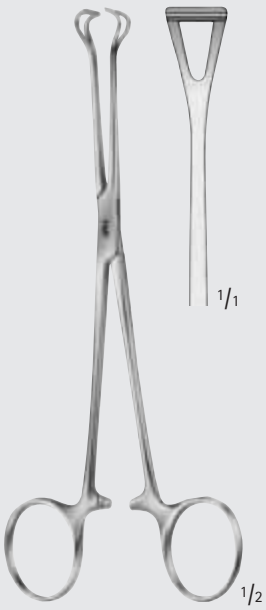
195 mm, 7 3/4"

6 x 7 Zähne
6 x 7 teeth

ALLIS-THOMS

EA020R

200 mm, 8"



BABCOCK

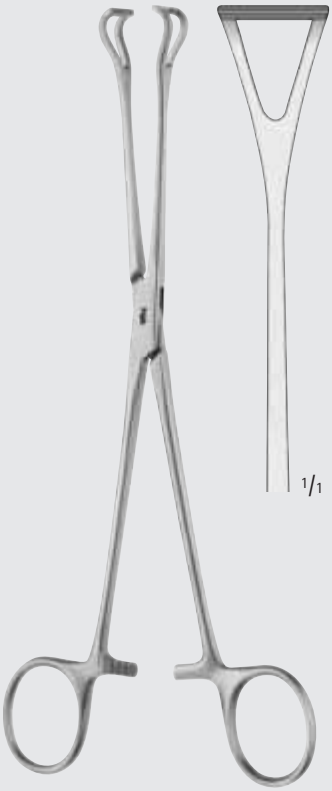
EA030R

155 mm, 6"

EA031R	EA032R	EA033R
170 mm	215 mm	200 mm
6 3/4"	8 1/2"	8"

BABCOCK

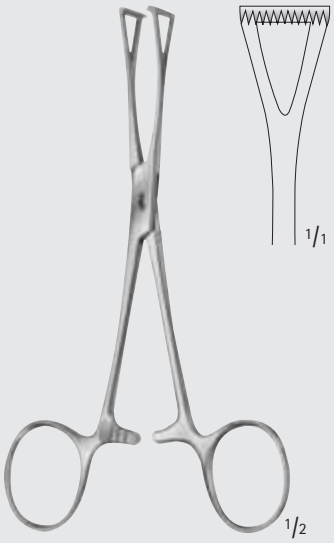
EA031R–EA033R



BABCOCK

FB934R

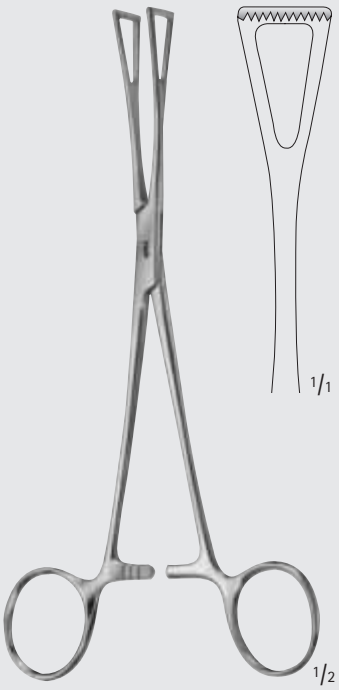
220 mm, 8 3/4"



COLLIN

EA039R

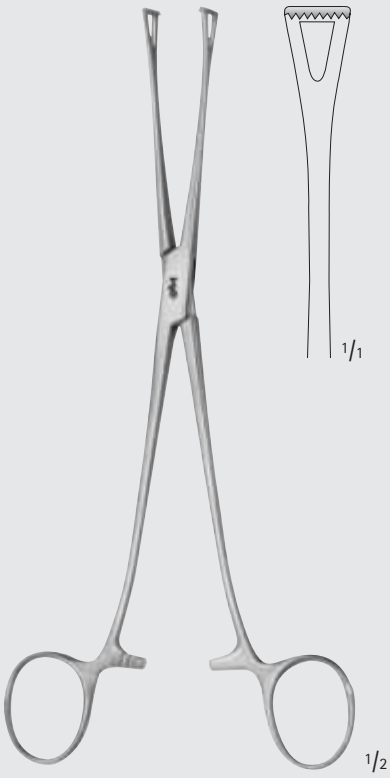
140 mm, 5 1/2"



COLLIN

EA040R

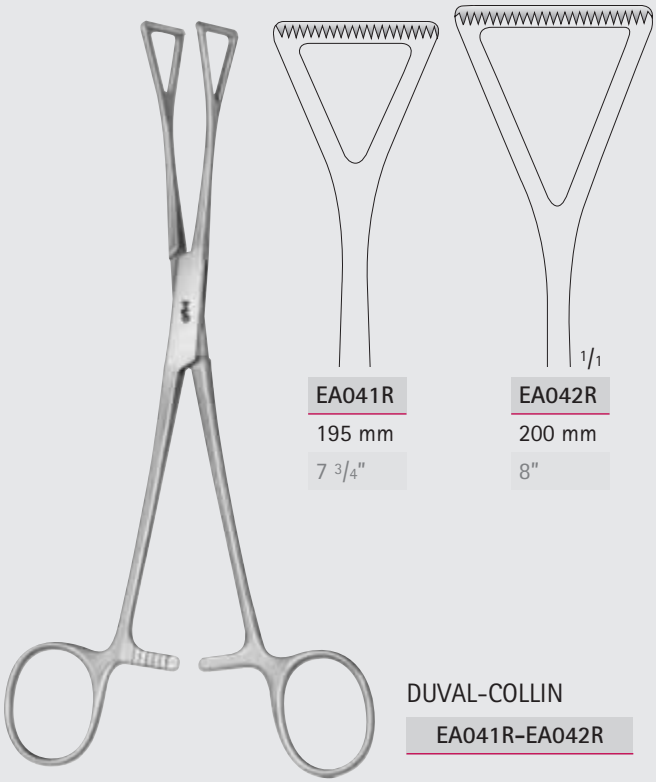
180 mm, 7"



LOCKWOOD

EA036R

200 mm, 8"



EA041R

195 mm

7 3/4"

EA042R

200 mm

8"

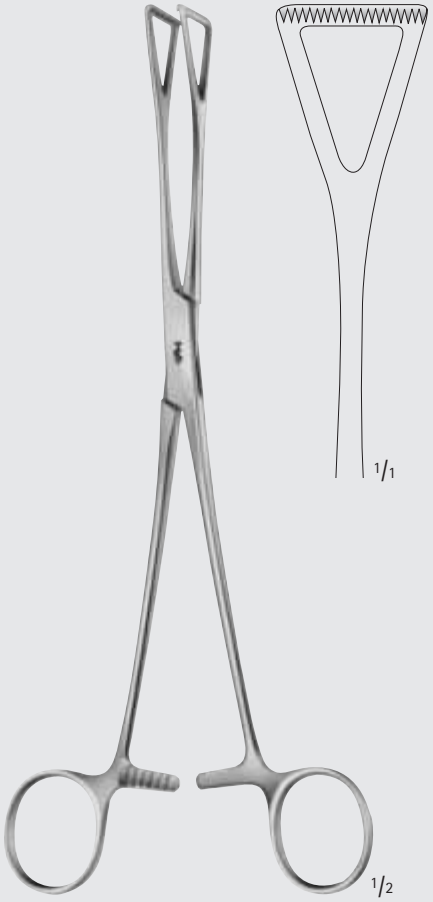
DUVAL-COLLIN

EA041R–EA042R

Abdominale Chirurgie – Abdominal Surgery

Darmfasszangen

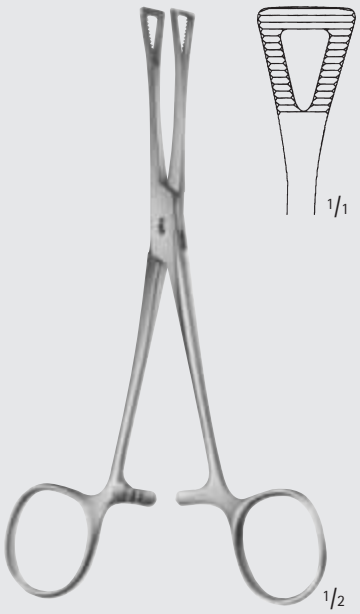
Intestinal Grasping Forceps



DUVAL

FB930R

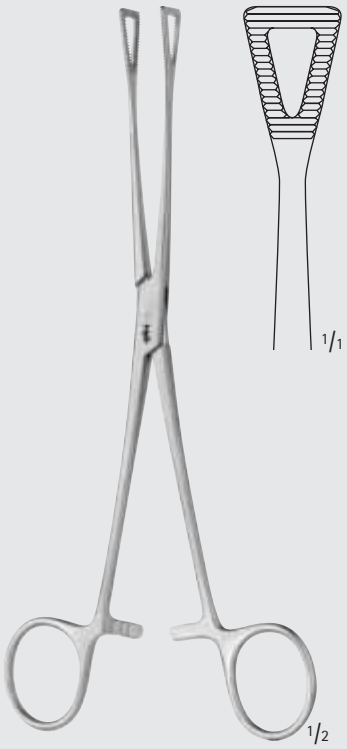
230 mm, 9"



PENNINGTON

BH902R

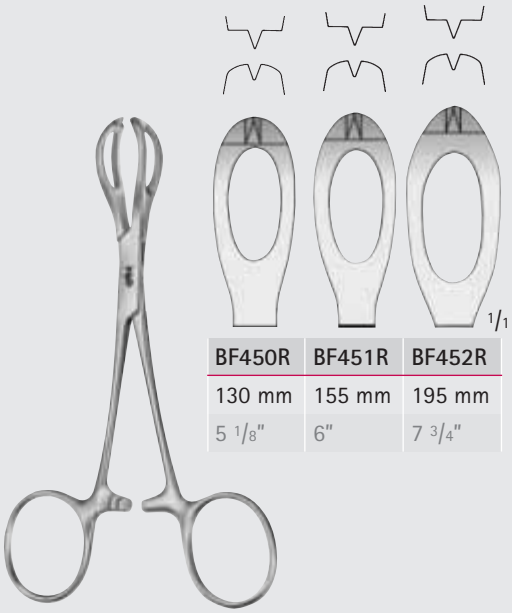
155 mm, 6"



PENNINGTON

EA037R

200 mm, 8"



BF450R	BF451R	BF452R
130 mm	155 mm	195 mm
5 1/8"	6"	7 3/4"

LANE

BF450R–BF452R

WILLIAMS

EA028R

160 mm, 6 1/4"

DENIS-BROWNE

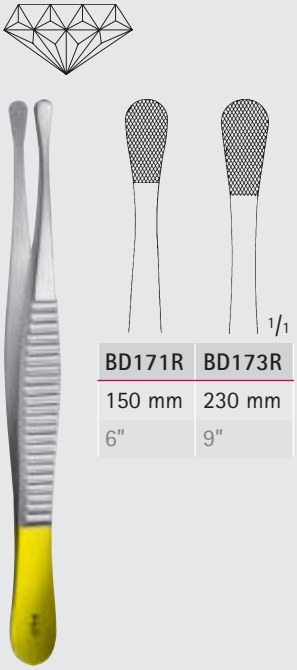
EA027R

190 mm, 7 1/2"

DUVAL

BD820R

140 mm, 5 1/2"



BD171R	BD173R
150 mm	230 mm
6"	9"

WANGENSTEEN

BD171R–BD173R

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

Abdominale Chirurgie – Abdominal Surgery

Organ-, Gewebe- und Darmfasszangen

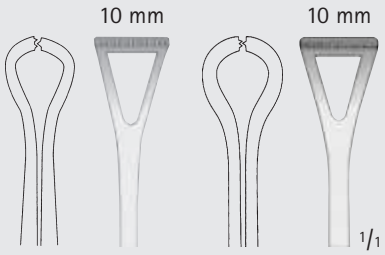
Organ-, Tissue and Intestinal Grasping Forceps

ATRAUMATA®

EA092R	EA095R	EA096R	EA097R	EA099R	EA101R	EA100R
155 mm	200 mm	220 mm	255 mm	300 mm	350 mm	295 mm
6""	8"	8 3/4"	10"	12"	14"	11 3/4"

ALLIS

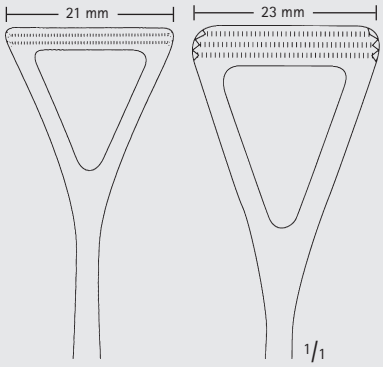
EA092R–EA101R



EA050R	EA052R
160 mm	215 mm
6 1/4"	8 1/2"

BABCOCK

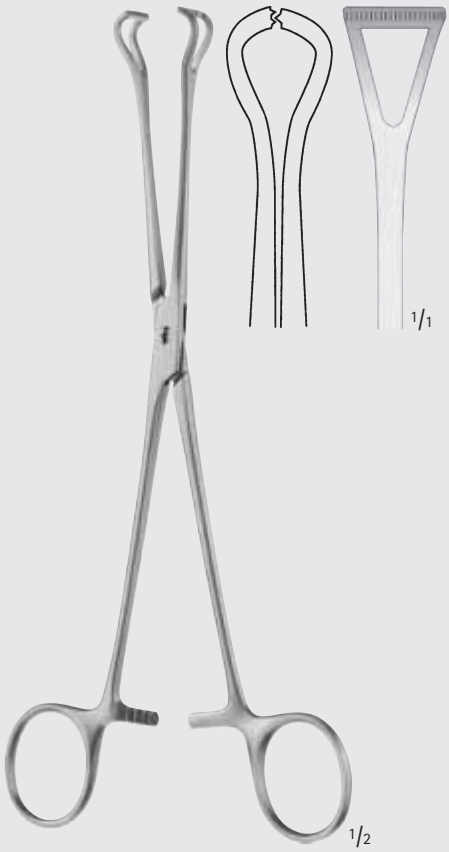
EA050R–EA052R



EA061R	EA062R
195 mm	230 mm
7 3/4"	9"

COLLIN

EA061R–EA062R



BABCOCK

FB936R

220 mm, 8 3/4"

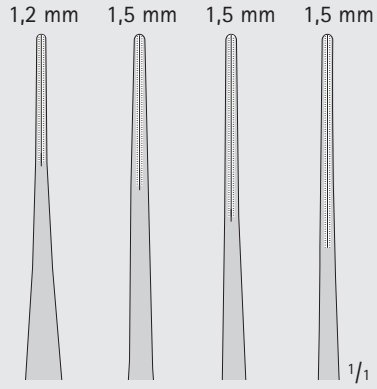
MD470

Abdominale Chirurgie – Abdominal Surgery

Ultra-Light Pinzetten, Pinzetten

Ultra-Light-Forceps, Dissecting Forceps

ATRAUMATA®

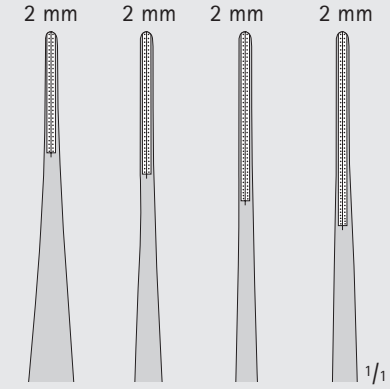


FC411R	FC412R	FC413R	FC418R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

FC411R–FC418R

Ultra-Light Pinzetten

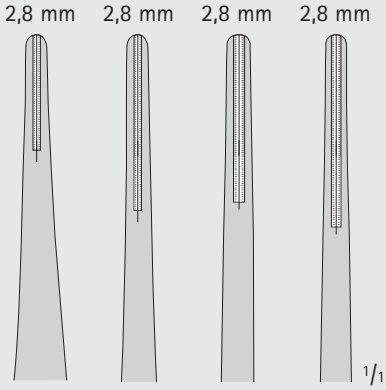
Ultra-Light-Forceps



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

DE BAKEY

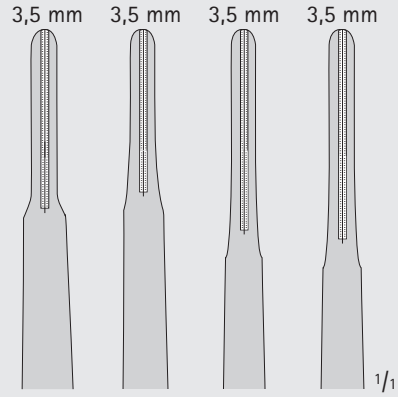
FB400R–FB405R



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

DE BAKEY

FB414R–FB417R

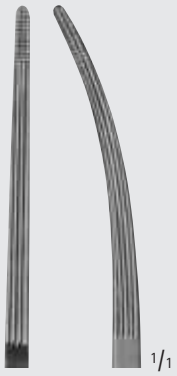


FB406R	FB407R	FB408R	FB409R
200 mm	240 mm	300 mm	350 mm
8"	9 1/2"	12"	14"

DE BAKEY

FB406R–FB409R

350 mm, 14"



EA106R EA107R

BAINBRIDGE

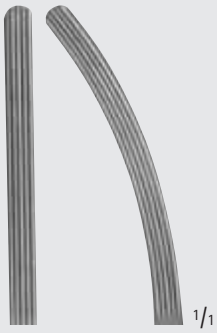
EA106R–EA107R

155 mm, 6"

ALLEN

EA114R

155 mm, 6"



EA116R EA117R

BABY-KOCHER

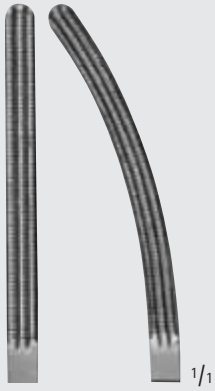
EA116R–EA117R

sehr elastisch

very elastic

130 mm, 5 1/8"

ATRAUMATA®



EA220R EA221R

BABY-KOCHER

EA220R–EA221R

weich und elastisch

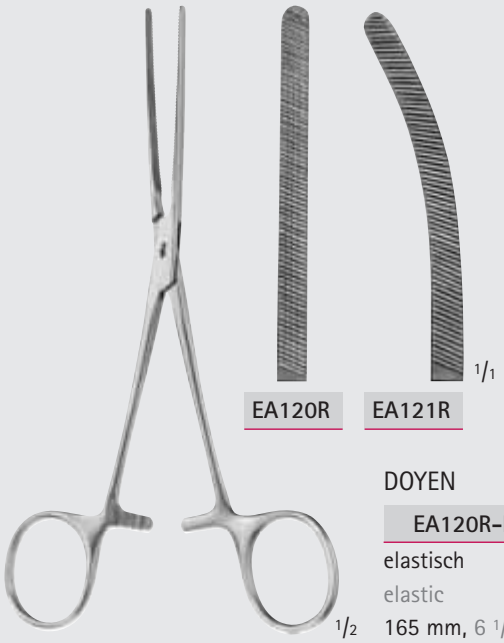
soft and elastic

130 mm, 5 1/8"

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic



DOYEN

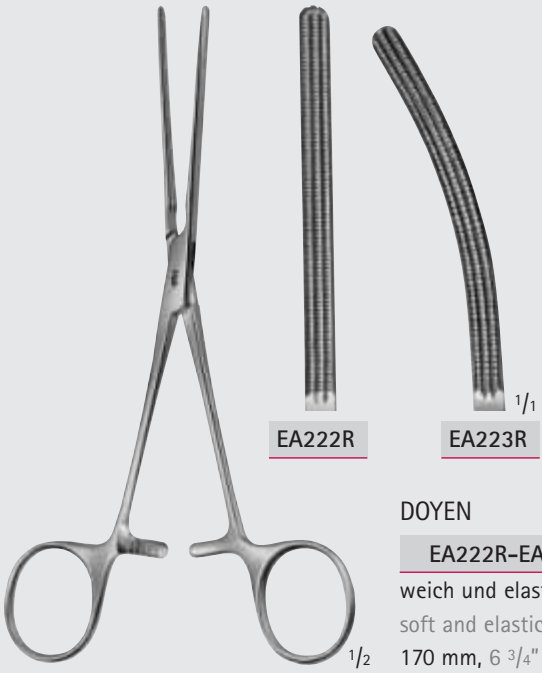
EA120R-EA121R

elastisch

elastic

165 mm, 6 1/2"

ATRAUMATA®



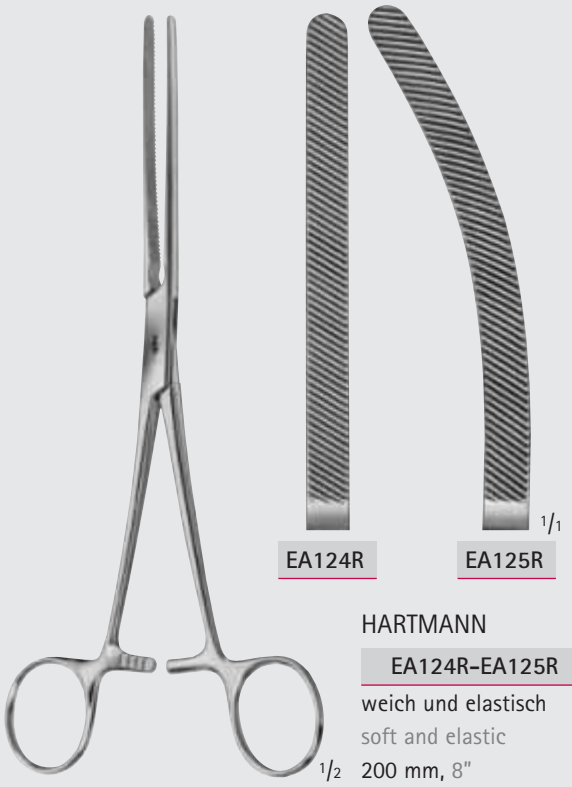
DOYEN

EA222R-EA223R

weich und elastisch

soft and elastic

170 mm, 6 3/4"



HARTMANN

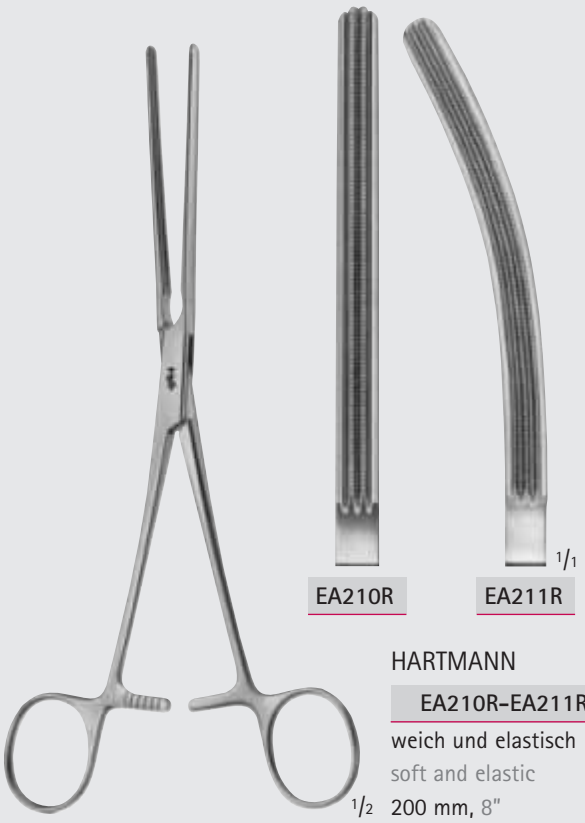
EA124R-EA125R

weich und elastisch

soft and elastic

200 mm, 8"

ATRAUMATA®



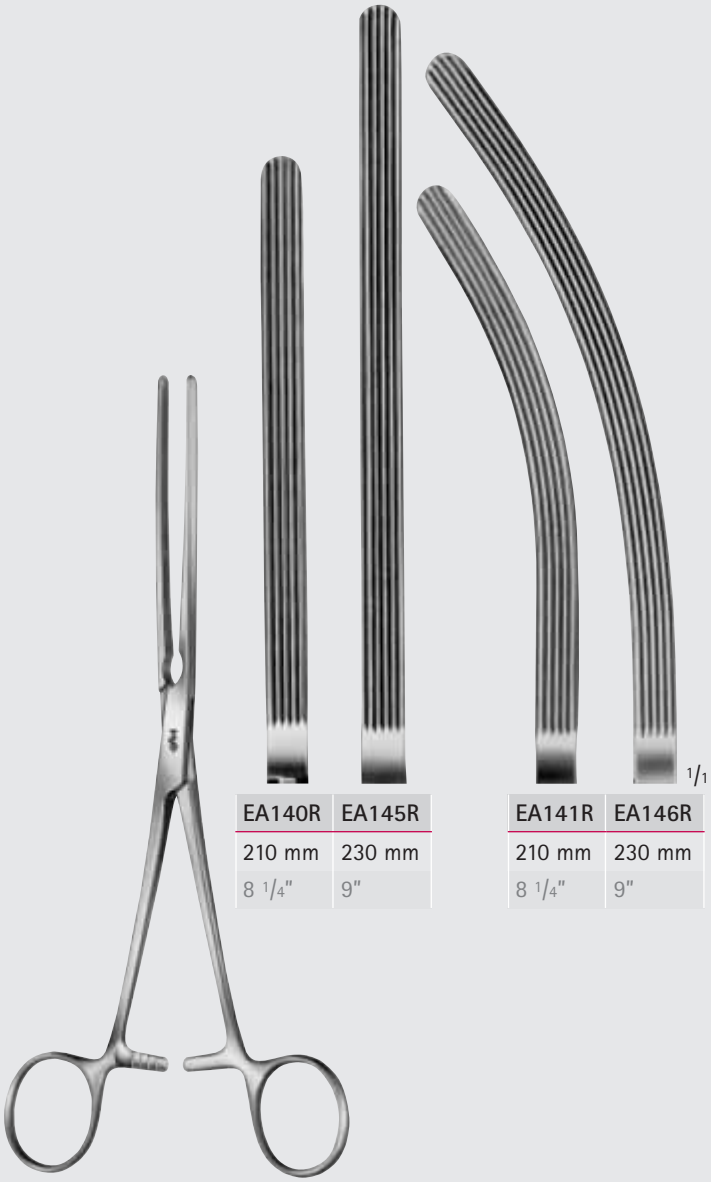
HARTMANN

EA210R-EA211R

weich und elastisch

soft and elastic

200 mm, 8"



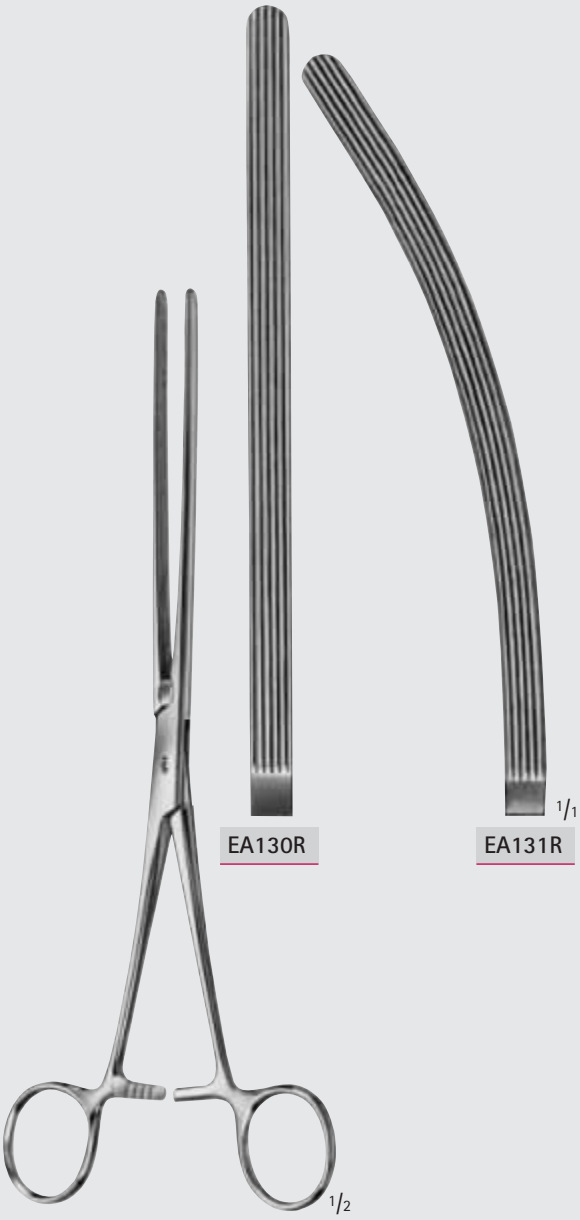
EA140R	EA145R	EA141R	EA146R
210 mm	230 mm	210 mm	230 mm
8 1/4"	9"	8 1/4"	9"

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"

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

DOYEN

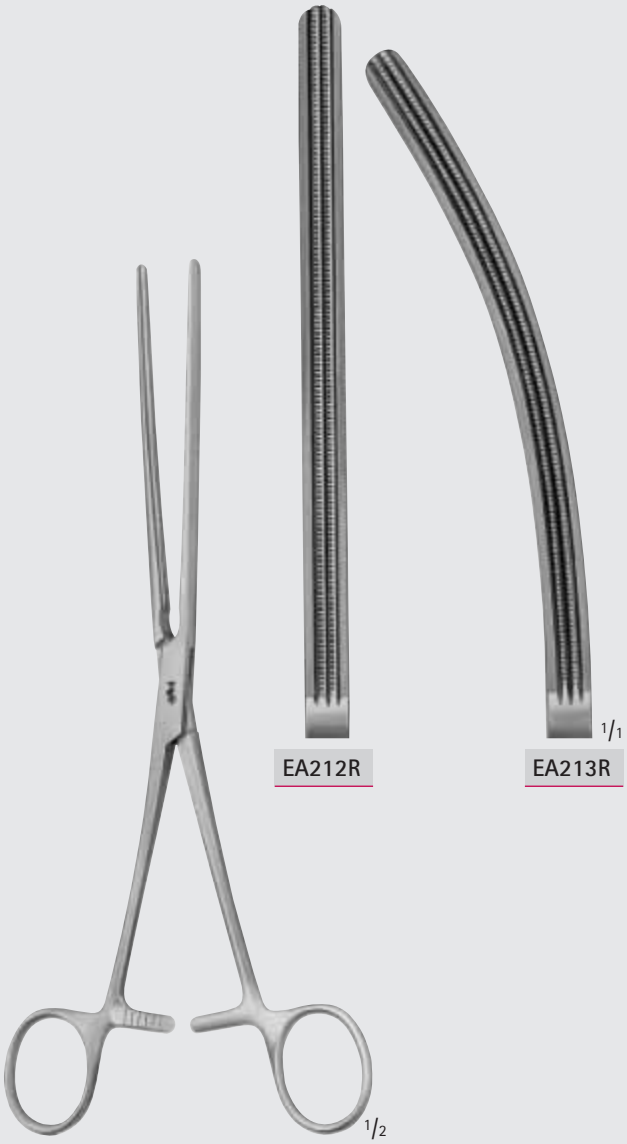
EA126R–EA127R

weich und elastisch

soft and elastic

235 mm, 9 1/4"

ATRAUMATA®



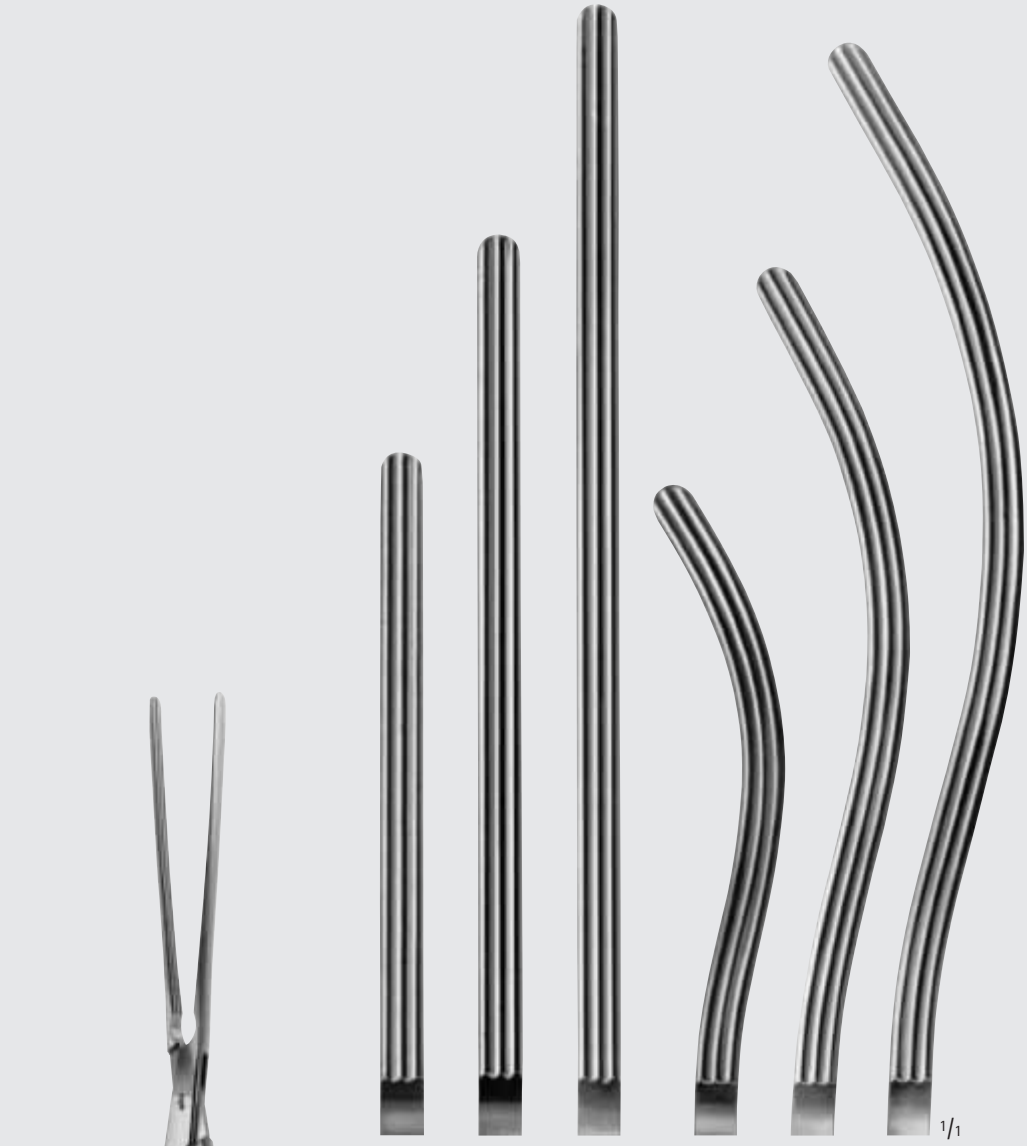
DOYEN

EA212R–EA213R

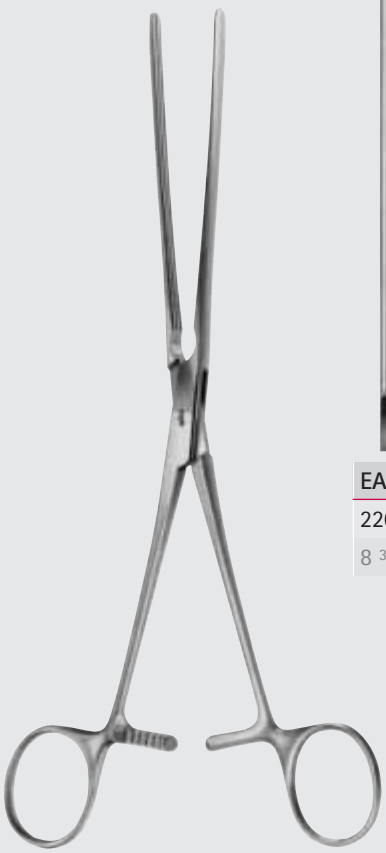
weich und elastisch

soft and elastic

230 mm, 9"



EA150R	EA151R	EA152R	EA155R	EA156R	EA157R
220 mm	250 mm	280 mm	220 mm	250 mm	280 mm
8 3/4"	10"	11"	8 3/4"	10"	11"



KOCHER

EA150R–EA157R

sehr weich und elastisch

very soft and elastic

Abdominale Chirurgie – Abdominal Surgery

Darmklemmen, weich federnd

Intestinal Clamps, Soft Elastic

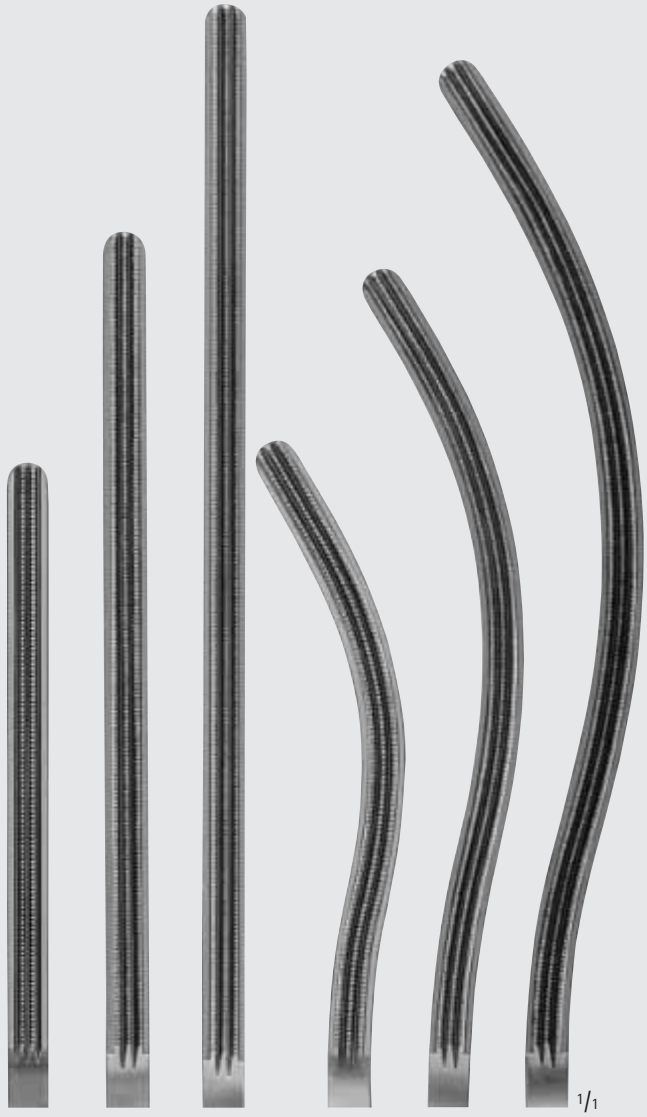
ATRAUMATA®

KOCHER

EA202R–EA207R

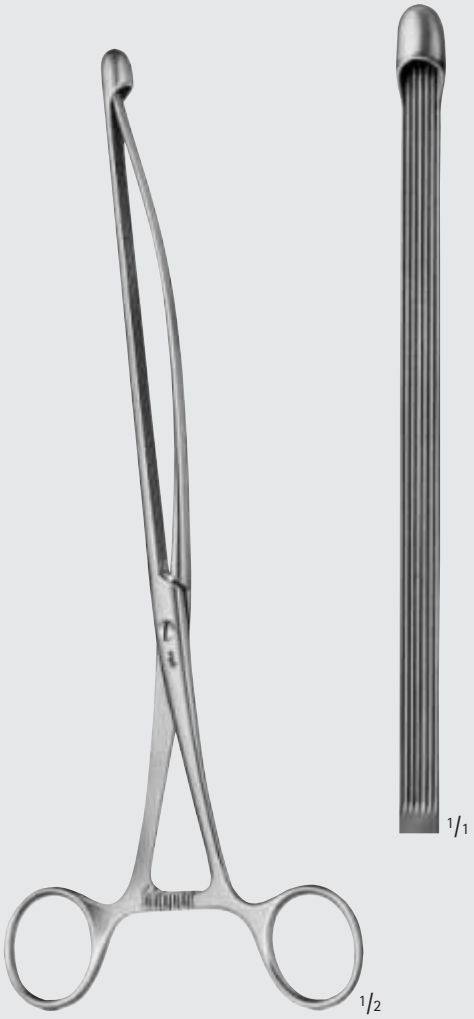
sehr weich und elastisch

very soft and elastic



1/1

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"



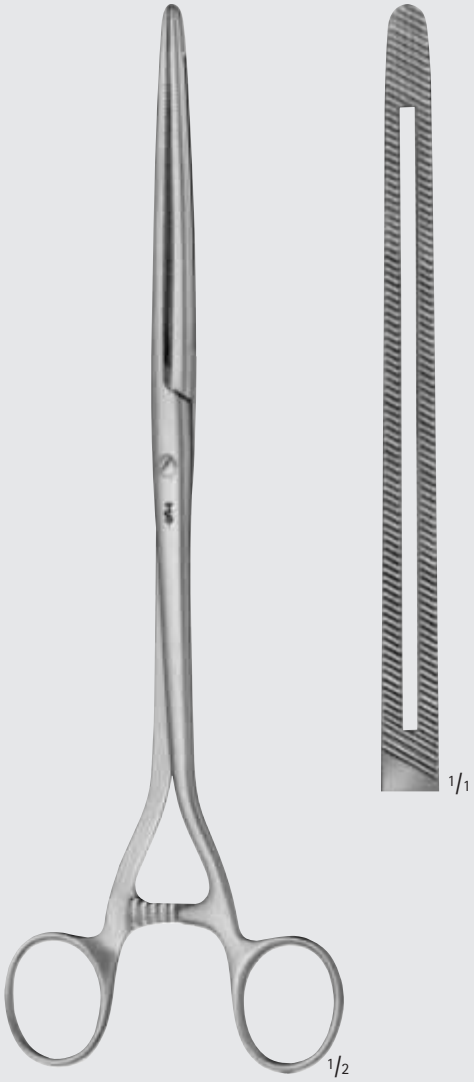
NUSSBAUM

EA176R

weich und elastisch

soft and elastic

250 mm, 10"

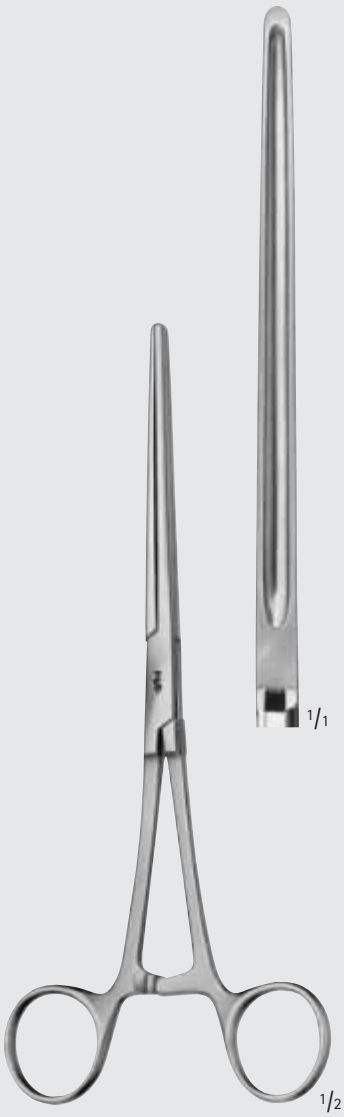


MOYNIHAN

EA182R

280 mm, 11"

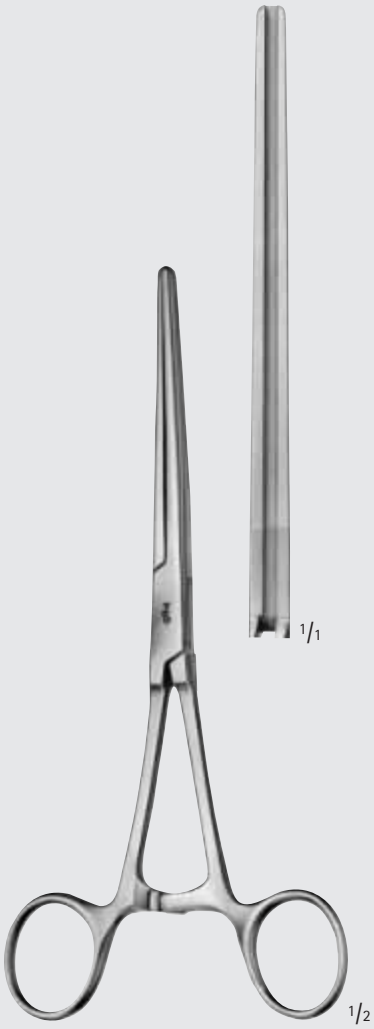
EA



LANG-STEVENSON

EA132R

200 mm, 8"



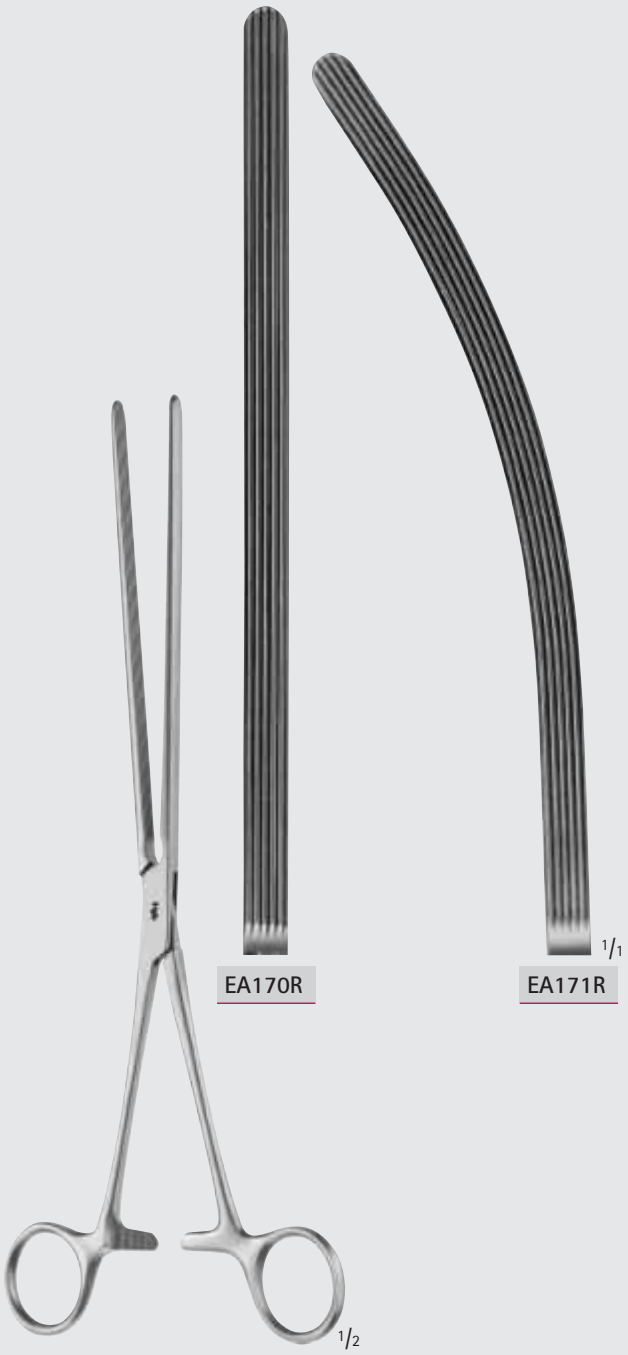
SCHOEMAKER

EA321R

Colectomie-Klemme

Colectomy clamp

200 mm, 8"



EA170R

EA171R

MAYO-ROBSON

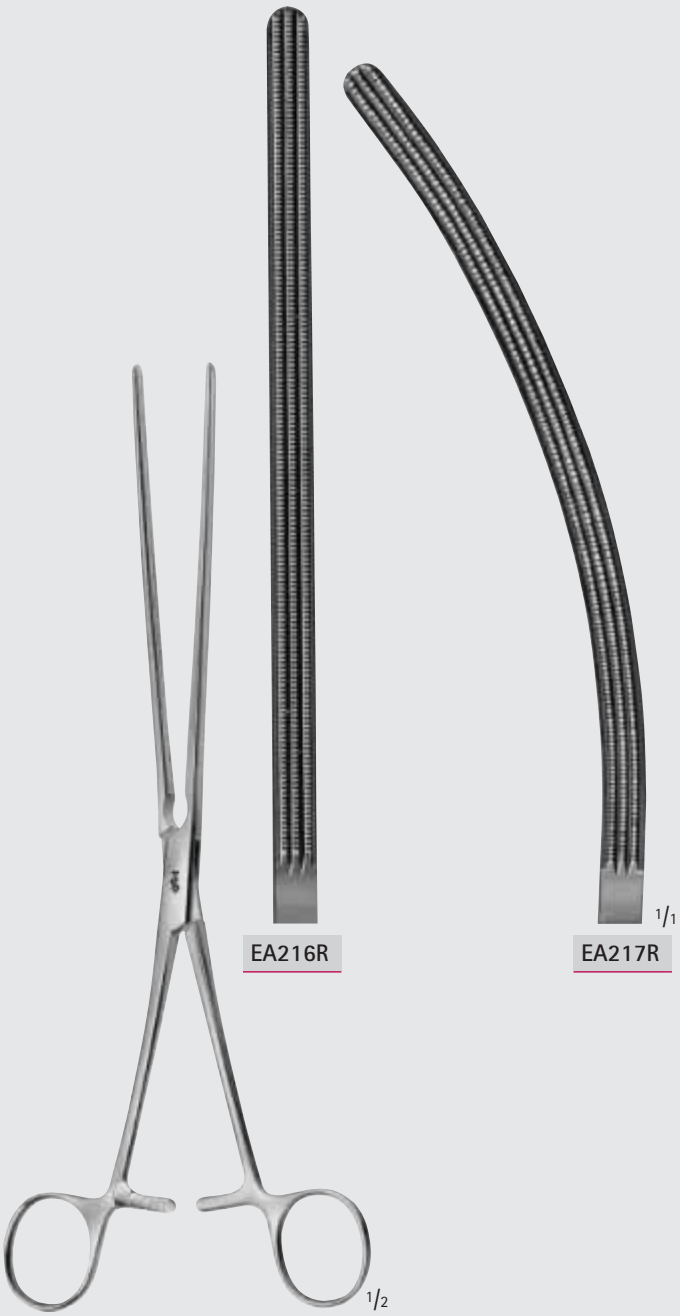
EA170R–EA171R

hart federnd

hard elastic

250 mm, 10"

ATRAUMATA®



EA216R

EA217R

MAYO-ROBSON

EA216R–EA217R

250 mm, 10"

Abdominale Chirurgie – Abdominal Surgery

Magen- und Darm- Zwillingsklemmen

Gastro- Intestinal Forceps, Twin

LANE

EA440R

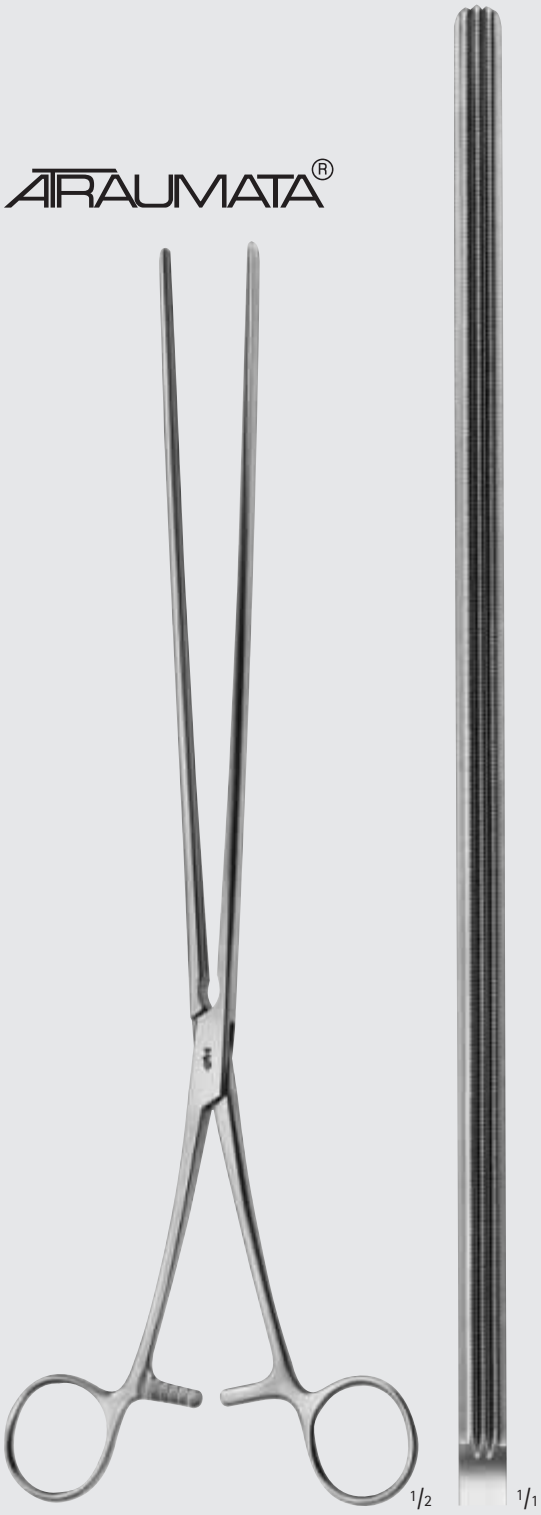
310 mm, 12"

LANE

EA441R

310 mm, 12"

ATRAUMATA®



SCUDDER

EA240R

330 mm, 13"

KLEINSCHMIDT

EA397R

Spornquetschen und Appendektomieklemmen

Spur crushers and Appendectomy clamps

130 mm, 5 1/8"

BENSON

EA466R

Pylorusspreizer

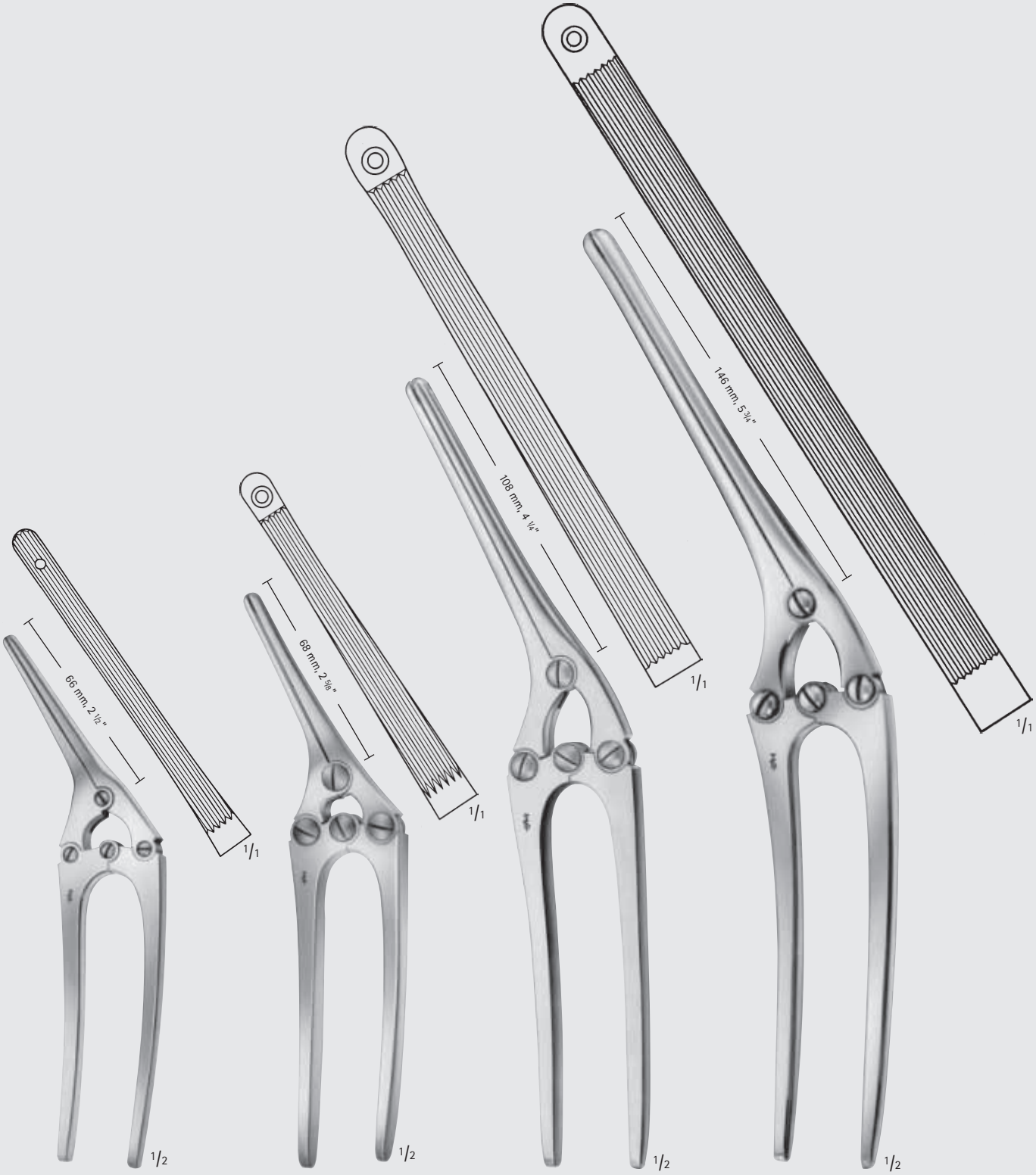
Pylorus spreader

155 mm, 6"

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"

DE MARTEL-WOLFSON

EA331R-EA332R	EA331R	EA332R
Anastomosenklemmen, Satz zu 3 Stück Anastomosis clamps, set of 3 pieces	100 mm 4"	120 mm 4 3/4"

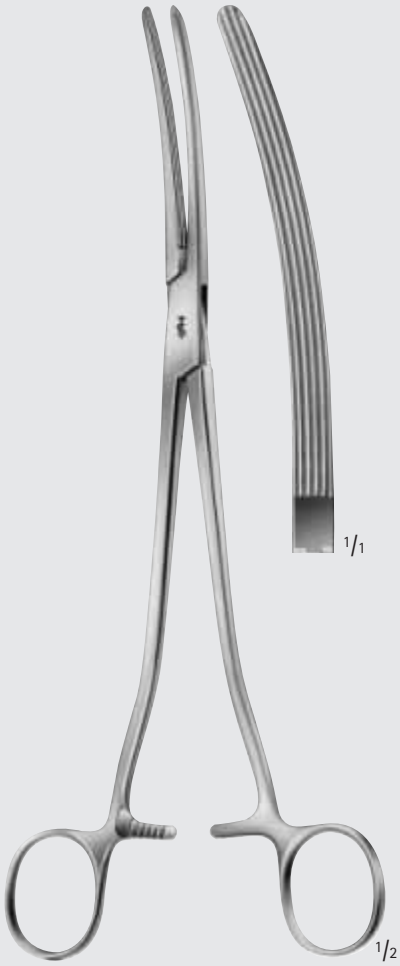
Klemmenhalter mit Klemmensatz
Clamp holder with set of clamps

EA334R-EA336R	EA334R	EA336R
Klemmenhalter für EA331R, EA332R Clamp holder for EA331R, EA332R	80 mm 3 1/8"	225 mm 9"

DE MARTEL-WOLFSON

EA338R
Schließzange für EA331R, EA332R Closing forceps for EA331R, EA332R 250 mm, 10"

EA



PARKER-KERR

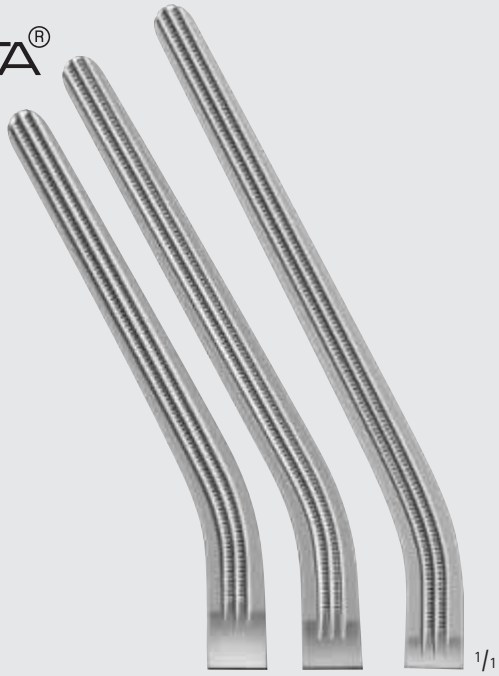
EA365R

Anastomosenklemme für Colonresektion

Anastomosis forceps for colon resection

250 mm, 10"

ATRAUMATA®



FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

DICK

FB956R–FB958R

Druckklemmen

Pressure clamps

BRUNNER

EA191R

245 mm, 9 3/4"

FB954R

60 mm

FB955R

80 mm

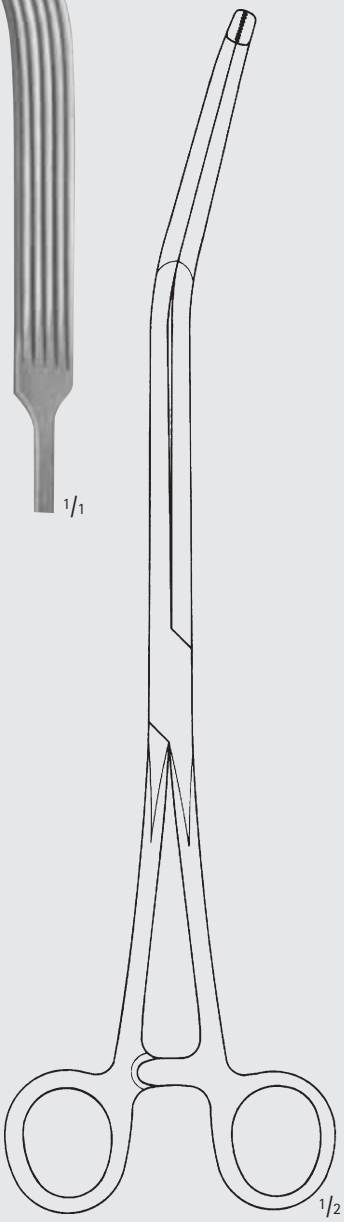
FB954R–FB955R

230 mm, 9"

Abdominale Chirurgie – Abdominal Surgery

Rektum-Anastomosenklemmen

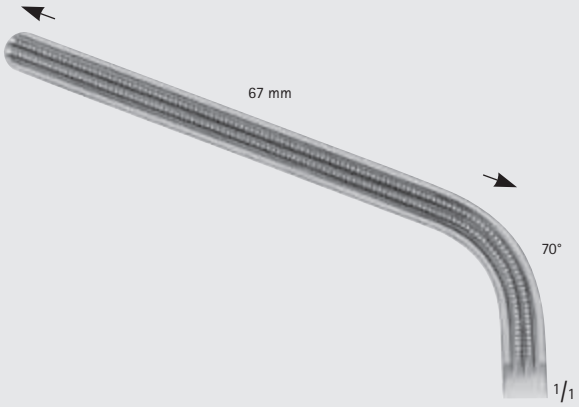
Sigmoid Anastomosis Forceps



LLOYD-DAVIS

EA362R

315 mm, 12 1/2"

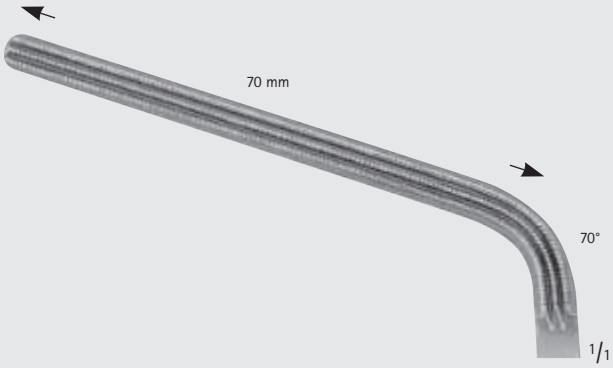


93 mm

MORRIS

FB493R

175 mm, 7"

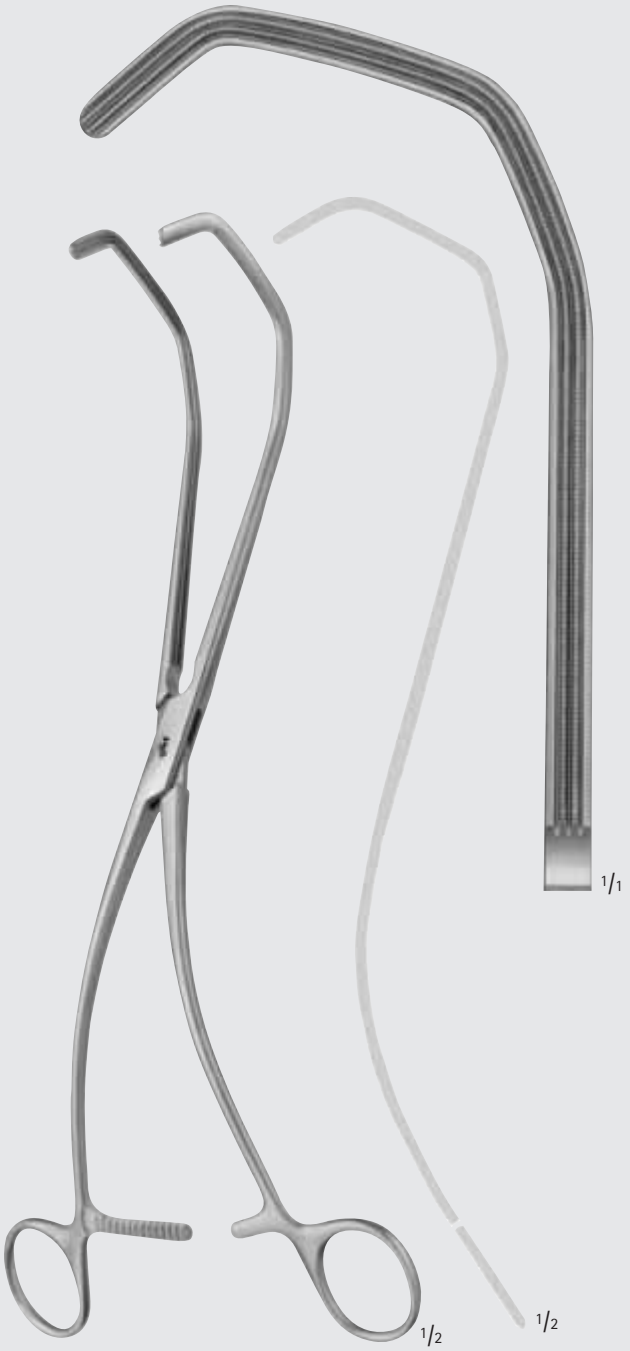


93 mm

DE BAKEY
(MORRIS MODIF.)

FB494R

240 mm, 9"



KERSTING

EA355R

300 mm, 12"

RESANO

EA360R

elastisch
elastic
265 mm, 10 1/2"

LLOYD-DAVIES
(GOLIGHER'S)

BC621R

270 mm, 10 3/4"

STELZNER

BC622R–BC623R

310 mm, 12 3/8"

BC617R

325 mm, 13"

MILLIMETERS

EA

ATRAUMATA®

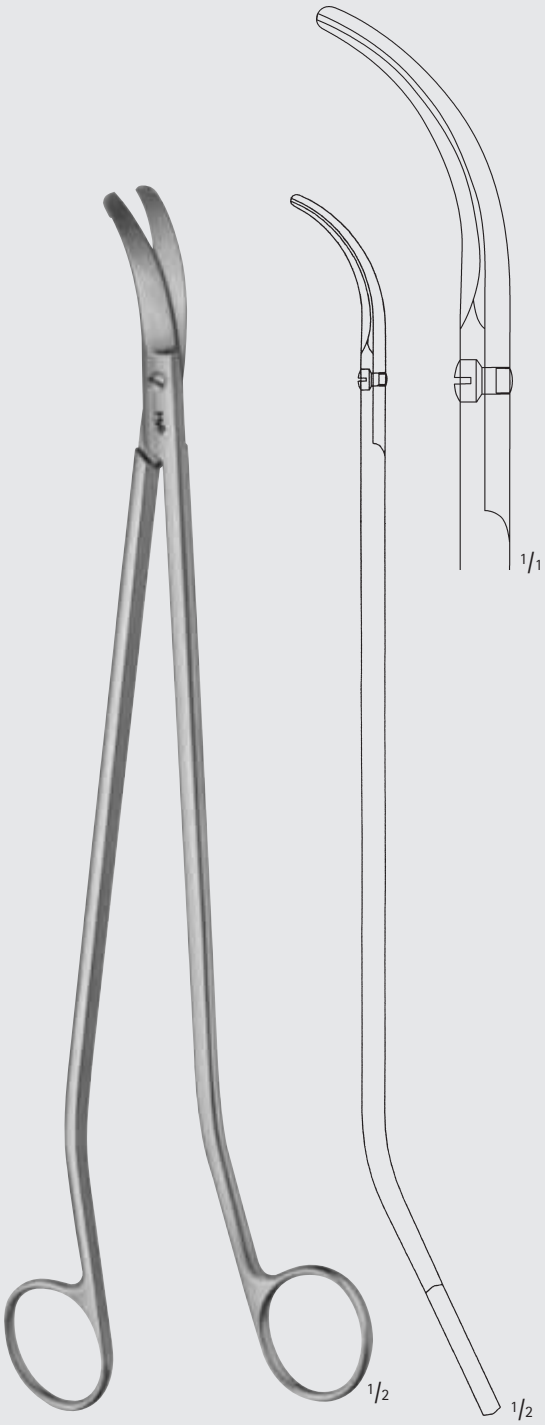
MÜLLER

EA356R

Rektum-Anastomosenklemme

Rectal anastomosis clamp

375 mm, 15"



MÜLLER

BC627R

Rektumschere, s-förmig

Rectum scissors, s-shaped

325 mm, 13"

ATRAUMATA®

DE BAKEY

FB409R

350 mm, 14"

Abdominale Chirurgie – Abdominal Surgery

Instrumente zur tiefen Rektumchirurgie

Instruments for Deep Rectum Surgery

MÜLLER

BM089R

Nadelhalter

Needle holder

360 mm, 14"

ATRAUMATA®

ALLIS

EA100R

Fasszange

Grasping forceps

295 mm, 11 3/4"

HÖSEL

BT446R

Wundhaken

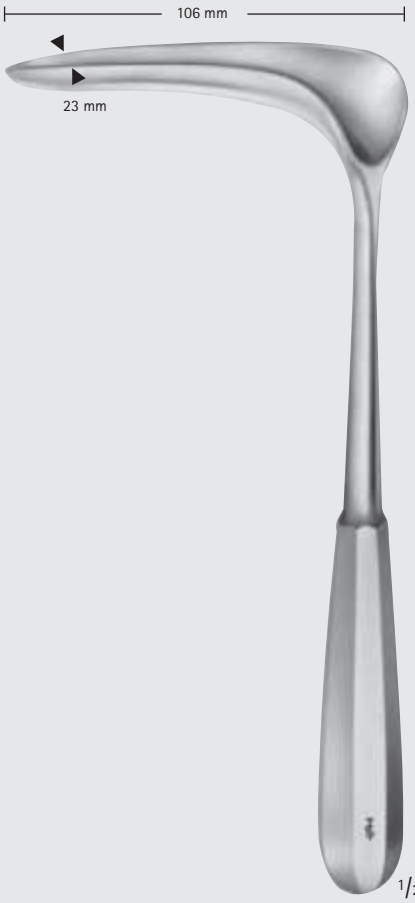
Retractor

250 mm, 10"

Abdominale Chirurgie – Abdominal Surgery

Mastdarm-Rektum-Spekula

Rectal Specula



CZERNY

EA800R

225 mm, 9"

KILLIAN

OK093R

für Kinder

for children

145 mm, 5 1/2"

SIMS

EA820R

160 mm, 6 1/4"

SIMS

EA821R

160 mm, 6 1/4"

EA825R–EA829R

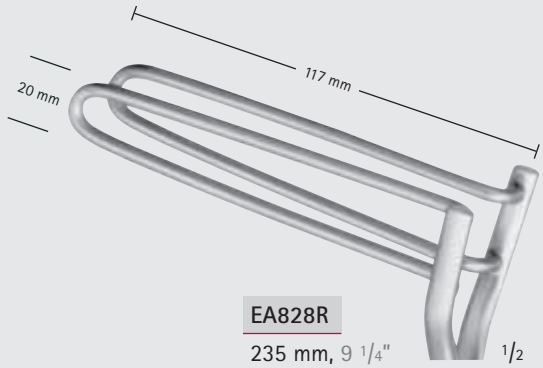
SIMS

EA825R

für Kinder

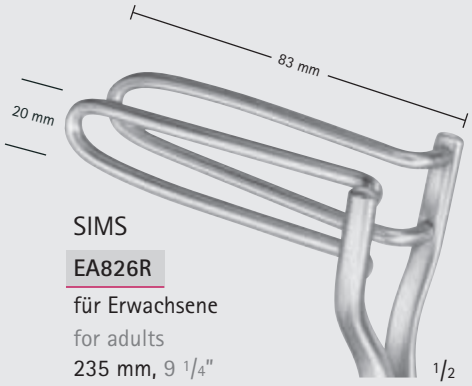
for children

190 mm, 7 1/2"



EA828R

235 mm, 9 1/4"



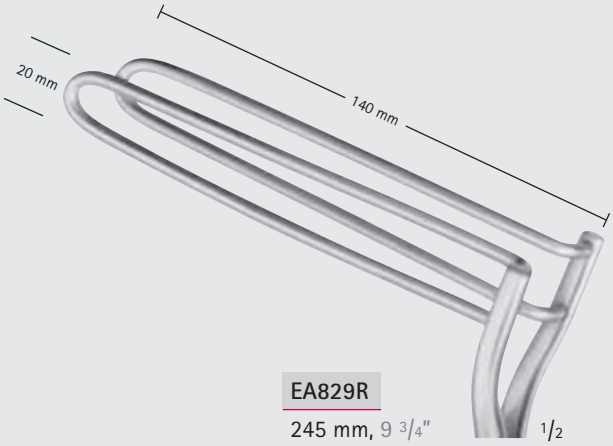
SIMS

EA826R

für Erwachsene

for adults

235 mm, 9 1/4"



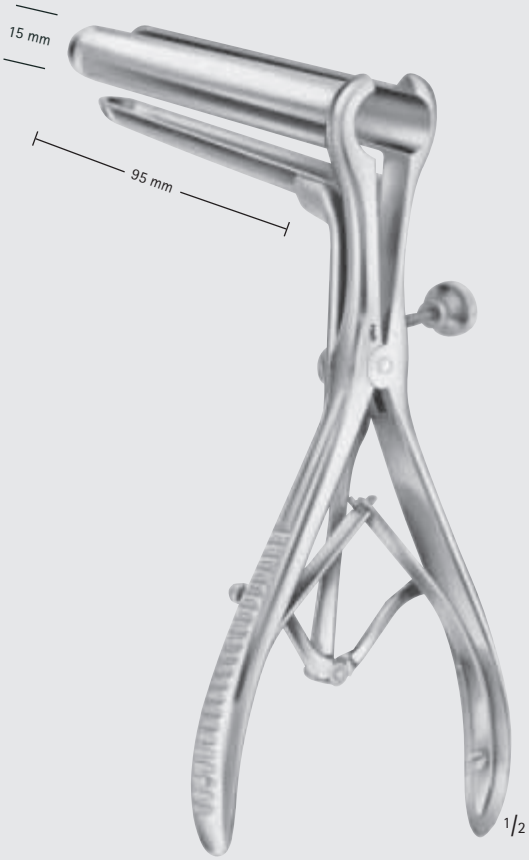
EA829R

245 mm, 9 3/4"

PRATT

EA831R

205 mm, 8"



MATHIEU

EA843R

215 mm, 8 1/2"

Abdominale Chirurgie – Abdominal Surgery

Anuskope - Sphinkteroskope

Anuscopes - Sphincteroscopes

BENSAUDE

EA862C–EA864C

Anuskope

Anuscopes

185 mm, 7 1/4"

	Ø diam.
EA862C	17 mm
EA863C	20 mm
EA864C	23 mm

IVES-FANSLER

EA880R

Anuskop, Ø 24 mm

Anuscope, diam. 24 mm

145 mm, 5 3/4"

KELLY

EA882R

Sphinkteroskop, Ø 20 mm

Anuscope, diam. 24 mm

160 mm, 6 1/4"

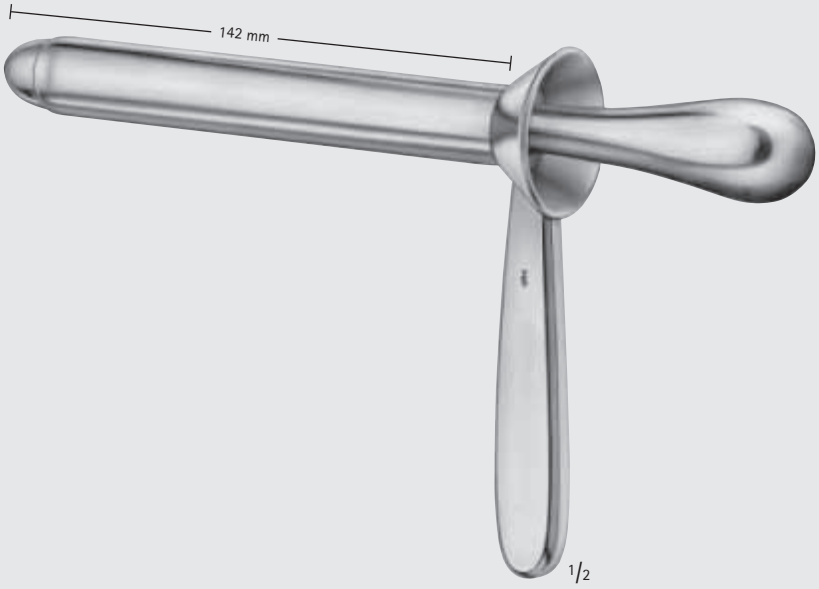
KELLY

EA883R

Sphinkteroskop, Ø 25 mm

Sphincteroscope, diam. 25 mm

160 mm, 6 1/4"



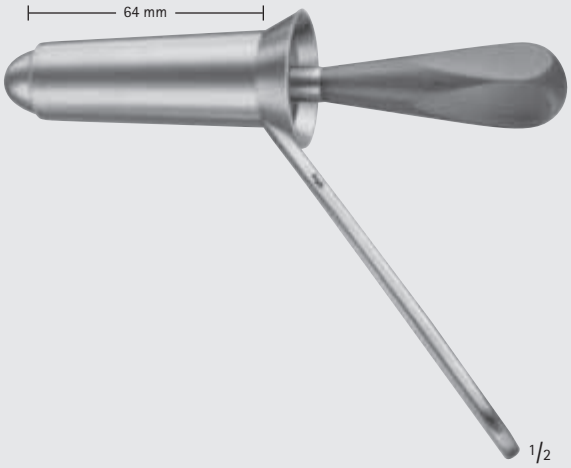
KELLY

EA887R

Proktoskop, Ø 20 mm

Proctoscope, diam. 20 mm

140 mm, 5 1/2"

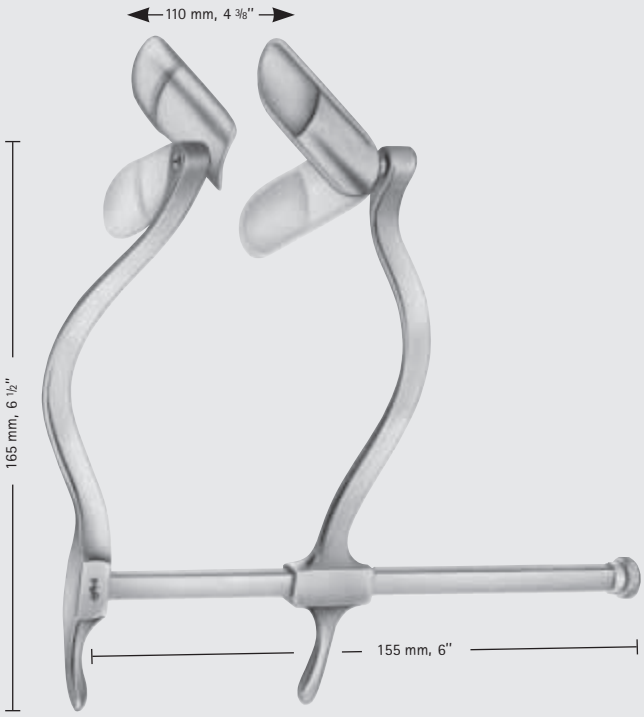


GABRIEL

EA853R

Rektum-Spekulum, Ø 25 mm

Rectal speculum, diam. 25 mm



SMITH-BUIE

BV906R

Analspreizer

Blattgröße: 58 x 23 mm

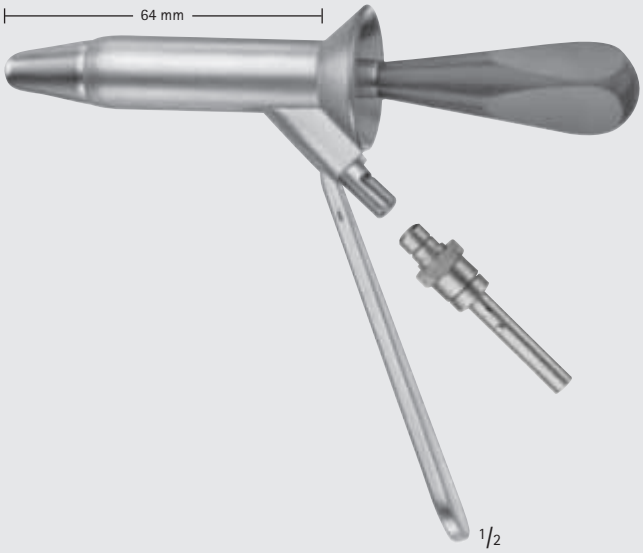
Rectal retractor

Dimension of blades: 58 x 23 mm

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

LLOYD-DAVIES

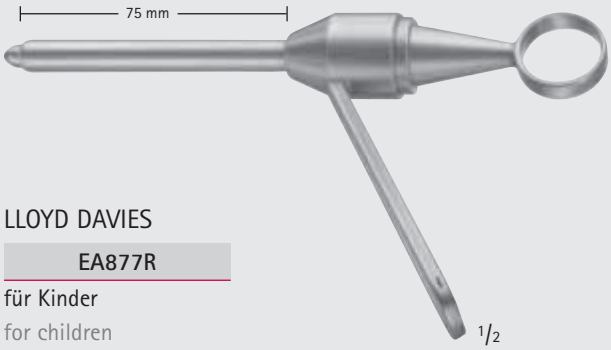
EA888R

Ø 16 mm
250 mm, 9 3/4"

LLOYD-DAVIES

EA889R

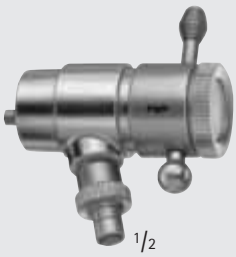
Ø 20 mm
300 mm, 11 3/4"



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

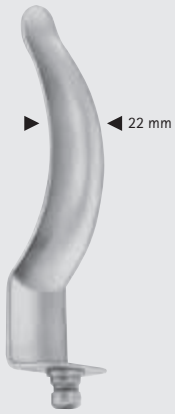
Kaltlichtstab
Fibre light carrier

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

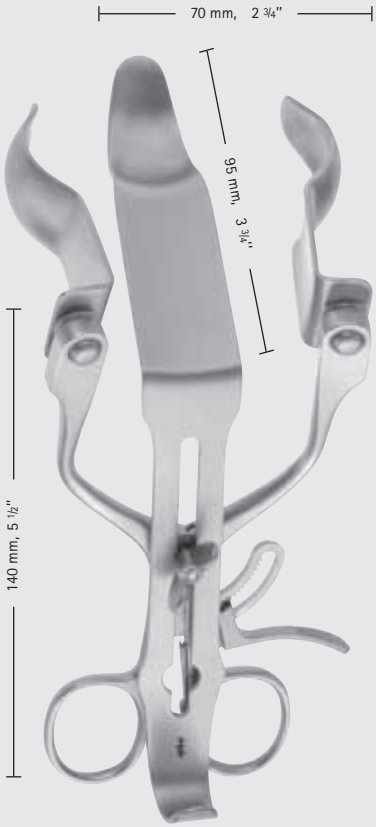


BV584R
Spinkterblätter
93 mm tief
PAA = Paar
Sphincter blades
93 mm deep
PAA = pair

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



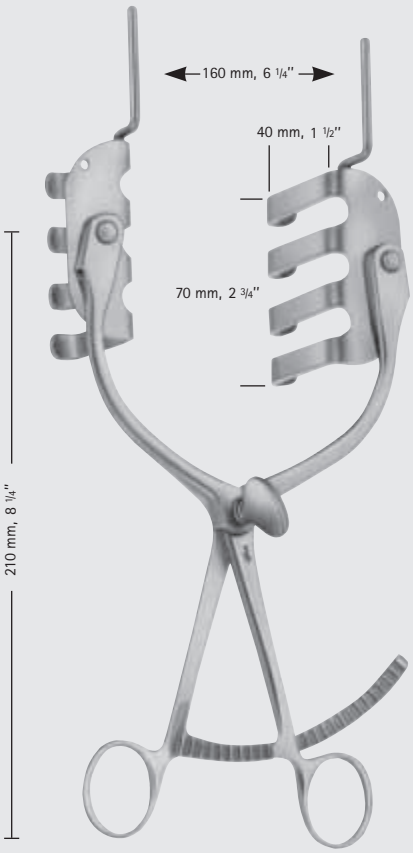
PARKS, MODIF. GIRONA

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

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE



ST. MARKS, MODIF. GIRONA

BV907R

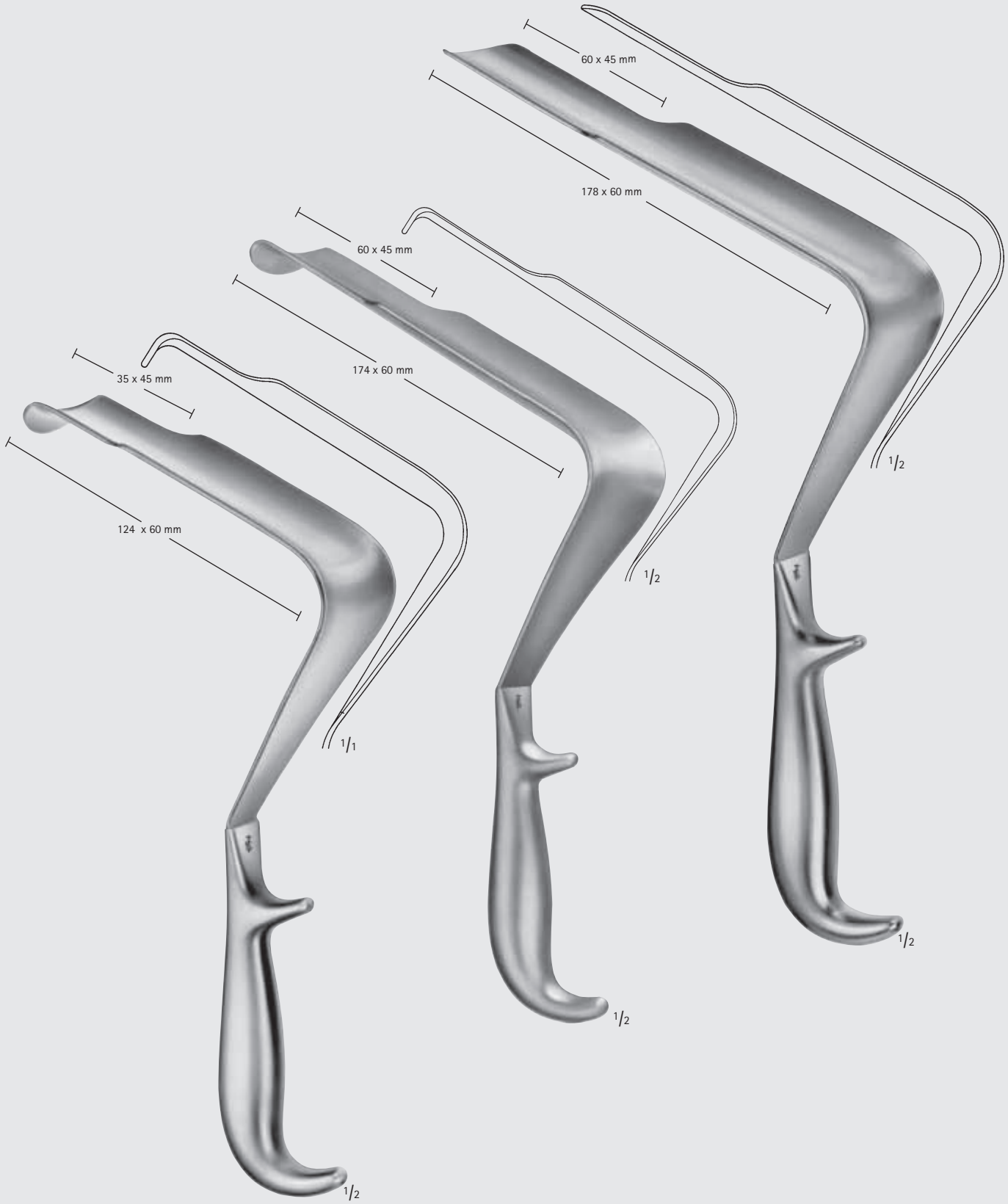
Perineal Sperrer mit
Tuchhaltestift an den Blättern

Perineal retractor with towel pegs
fitted to swivel rake blades

Abdominale Chirurgie – Abdominal Surgery

Pelvishaken

Pelvis Retractors



ST. MARKS

BT670R

290 mm, 11 1/2"

ST. MARKS

BT672R

330 mm, 13 1/8"

ST. MARKS

BT674R

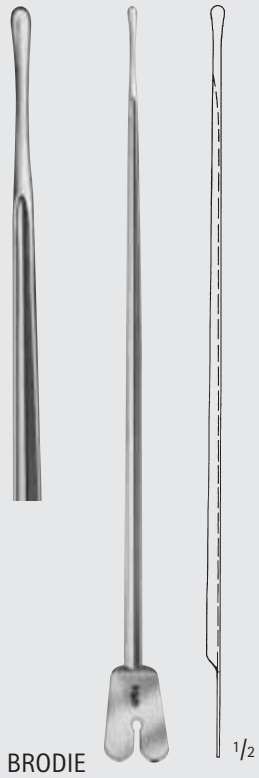
330 mm, 13 1/8"

LOCKHART-MUMMERY

BN021R–BN024R

Fistelsonden
Fistula probes
165 mm, 6 1/2"

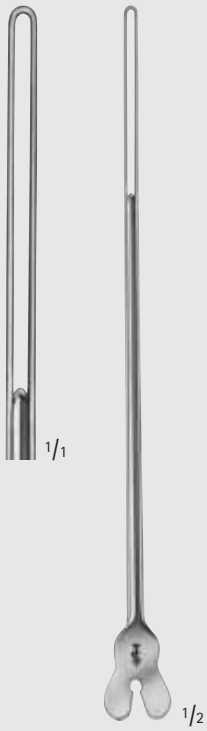
BN021R	Nr. 1	gerade	No. 1	straight
BN022R	Nr. 2	45° gebogen	No. 2	45° curved
BN023R	Nr. 3	90° gebogen	No. 3	90° curved
BN024R	Nr. 4	retrograd gebogen	No. 4	retrograde curved



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"

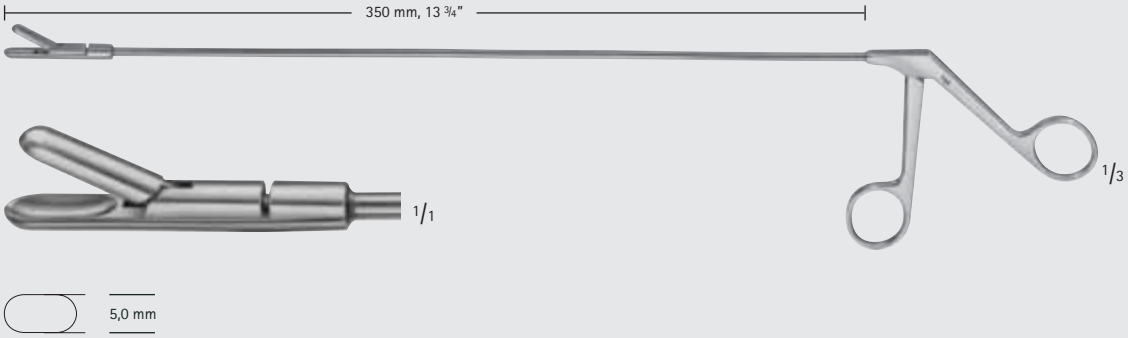
EA890R

Fistelsonde (Krypthaken)
Fistula probe (Krypt hook)
240 mm, 9 1/2"

Abdominale Chirurgie – Abdominal Surgery

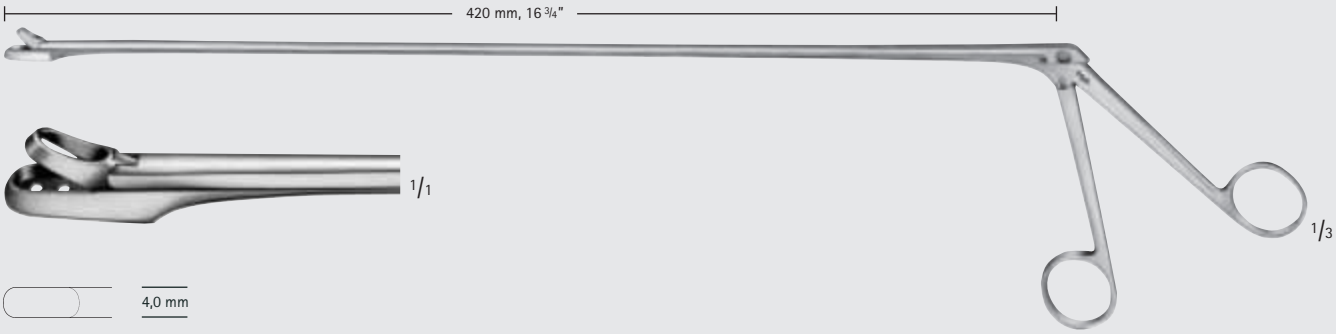
Biopsiezangen für Rektum

Biopsy Forceps for Rectum



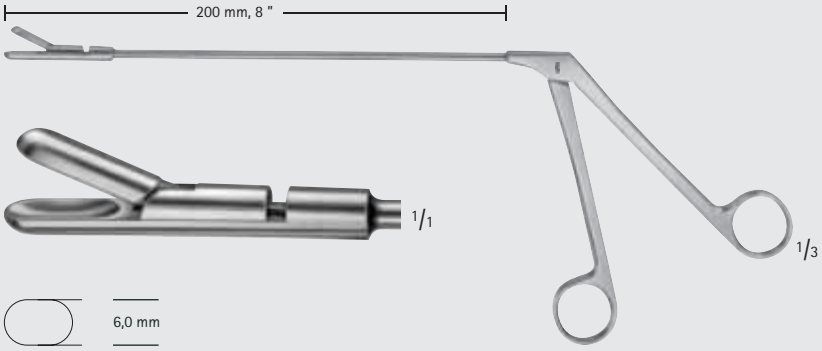
LLOYD-DAVIS

EA900R



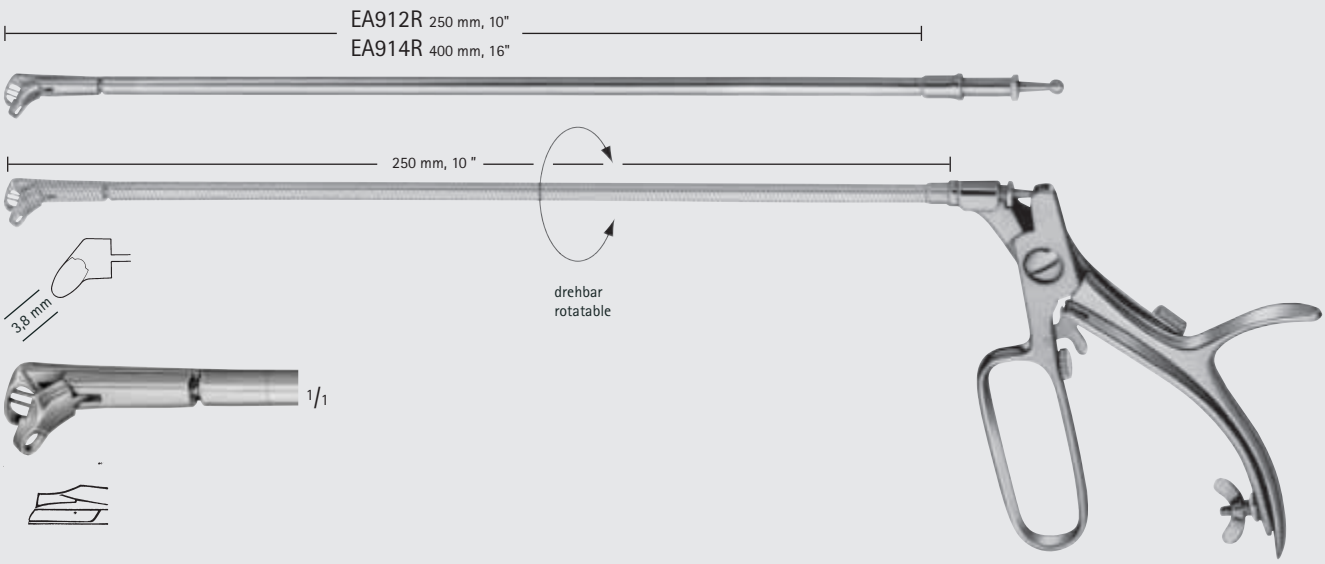
YEOMAN

EA903R



WALTON

EA904R



AESCULAP

EA912R–EA914R

Aufsätze allein
mit ziehendem Schnitt

Attachments only
with cut beginning
from the top

EA914R	EA912R
400 mm	250 mm
16"	10"

OP151R

Griff für EA912R - EA914R

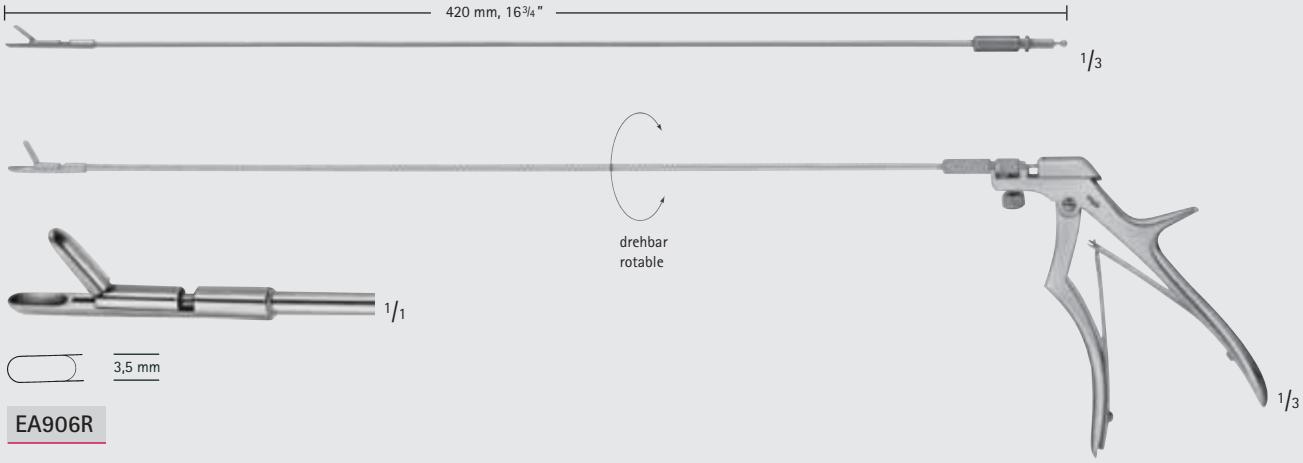
Handle for EA912R - EA914R

140 mm, 5 1/2"

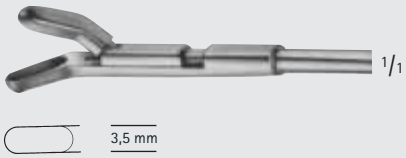
Abdominale Chirurgie – Abdominal Surgery

Biopsiezangen und Tamponhalter für Rektum

Biopsy Forceps and Swab Holders for Rectum



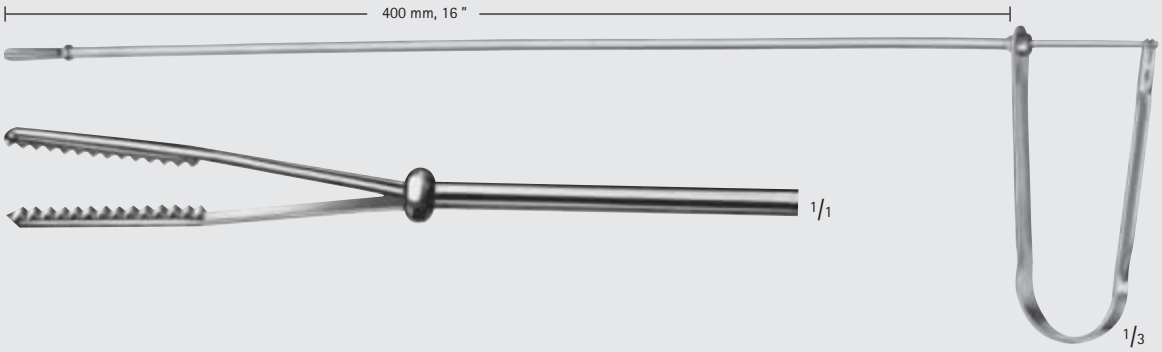
EA906R



EA907R

EA905R

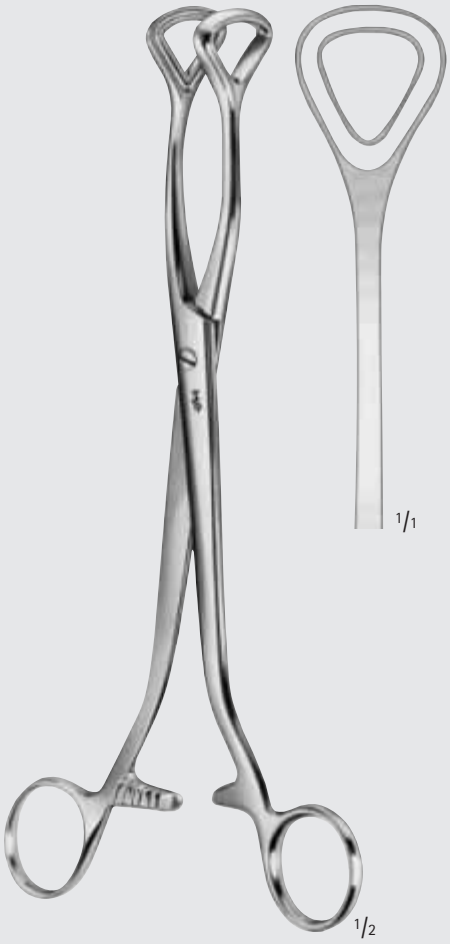
Griff für
EA906R - EA909R
Handle
for EA906R - EA909R



AESCULAP

EA943R

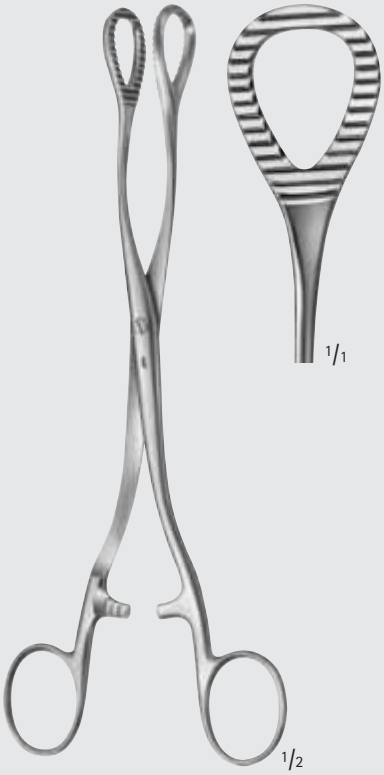
Tamponhalter
Swab holder



LUER

EA989R

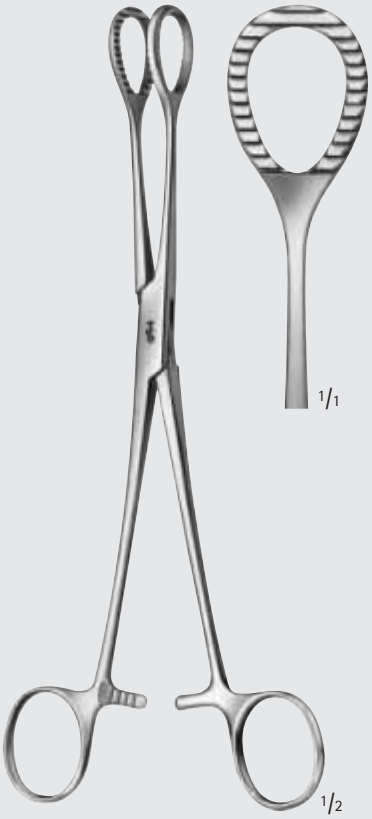
245 mm, 9 3/4"



HEYWOOD-SMITH

AN710R

200 mm, 8"



HEYWOOD-SMITH MODIF.

AN711R

215 mm, 8 1/2"

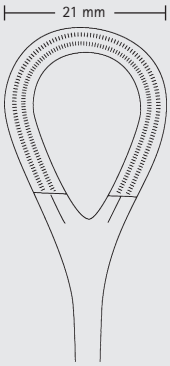
Abdominale Chirurgie – Abdominal Surgery

Hämorrhoidenklemmen

Hemorrhoidal Forceps

ATRAUMATA®

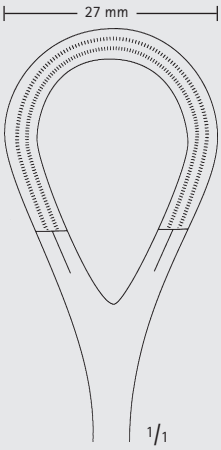
EO338R–EO340R



EO338R

250 mm

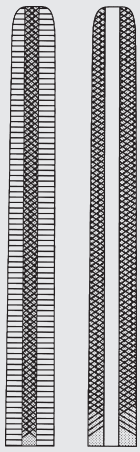
10"



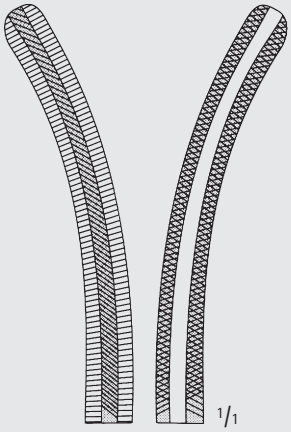
EO340R

270 mm

10 3/4"



VC100R



VC101R

FERGUSSON

VC100R–VC101R

Druckklemmen

Pressure clamps

200 mm, 8"

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

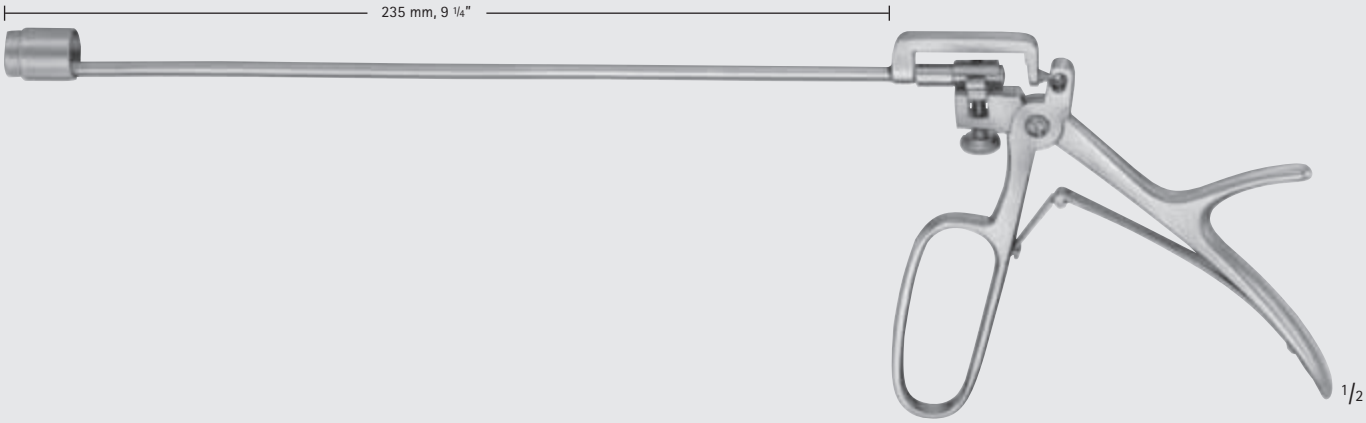
Ligatur-Gummiringe
Bestelleinheit:
PAK = Packung à 100 Stück

Ligature rubber rings
Sales Unit:
PAK = Package of 100 pieces

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

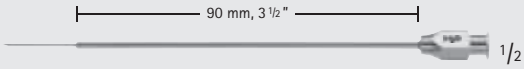
Passende Ligatur-Gummiringe: EA993 (siehe Seite 585)

Suitable ligature rubbber rings: EA993 (see page 585)

GABRIEL

SF462

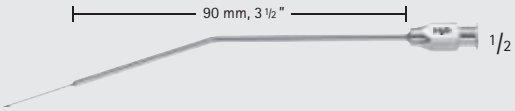
Hämorrhoidal-Spritze
Hemorrhoidal syringe
10 ml



GABRIEL

SF835

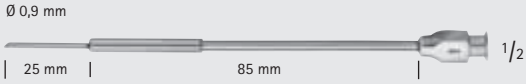
Hämorrhoidal-Kanüle, gerade,
mit Luer-Lock-Ansatz
Hemorrhoidal cannula, straight,
with Luer-Lock attachment



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

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"

Klemmen nach OVERHOLT siehe Rubrik BJ
OVERHOLT Forceps see section BJ

DESJARDINS

EB008R

Gallenkanal- und Cystikusklemme
Gall duct- and cystic forceps
220 mm, 8 3/4"

NISSEN

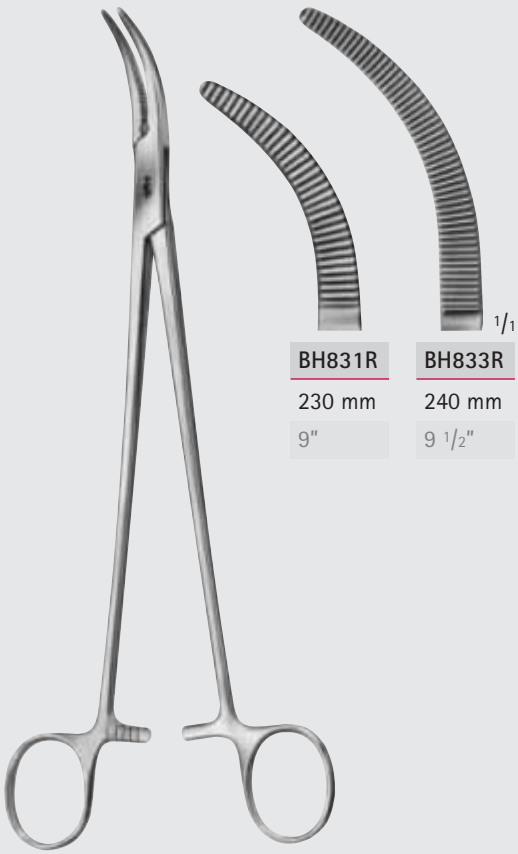
EB009R

Gallenkanal- und Cystikusklemme
Gall duct- and cystic forceps
215 mm, 8 1/2"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenkanal-Klemmzangen

Gall Duct Forceps



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

MOYNIHAN

BH831R-BH833R

EB011R	EB012R

GRAY

EB011R-EB012R

Cholezystektomieklemmen

Cholecystectomy forceps

220 mm, 8 3/4"

MIXTER

BJ055R

Gallenkanal- und Cystikusklemme

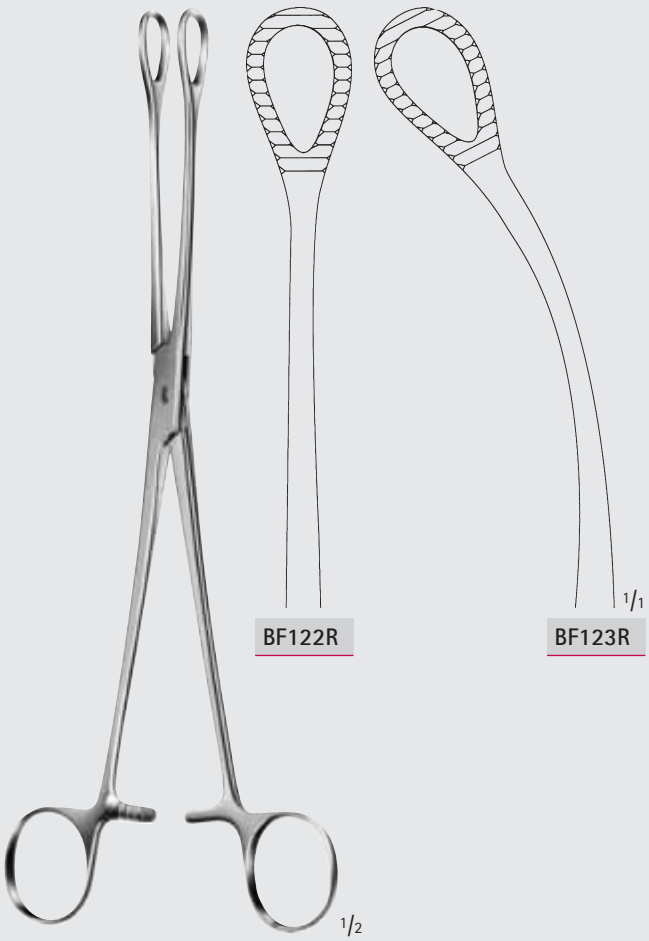
Gall duct- and cystic forceps

230 mm, 9"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen

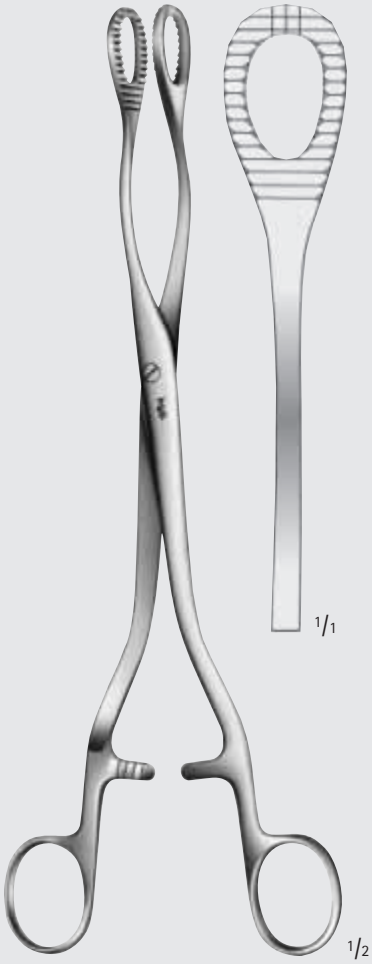
Gall Bladder Forceps



FOERSTER-BALLENGER

BF122R–BF123R

245 mm, 9 3/4"



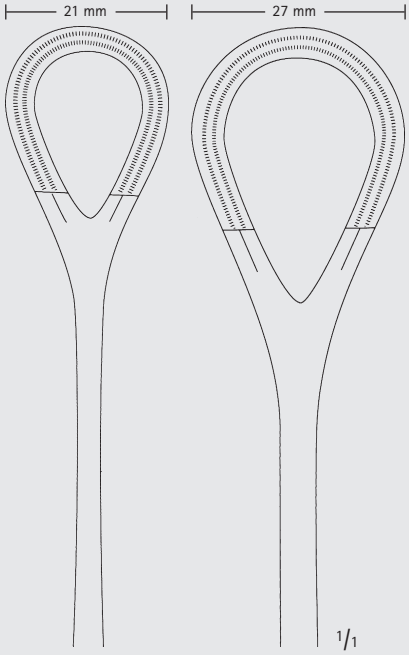
HEYWOOD-SMITH

EO310R

250 mm, 10"

AIRAUMATA®

EO338R-EO340R



EO338R	EO340R
250 mm	270 mm
10"	10 3/4"

HEYWOOD-SMITH

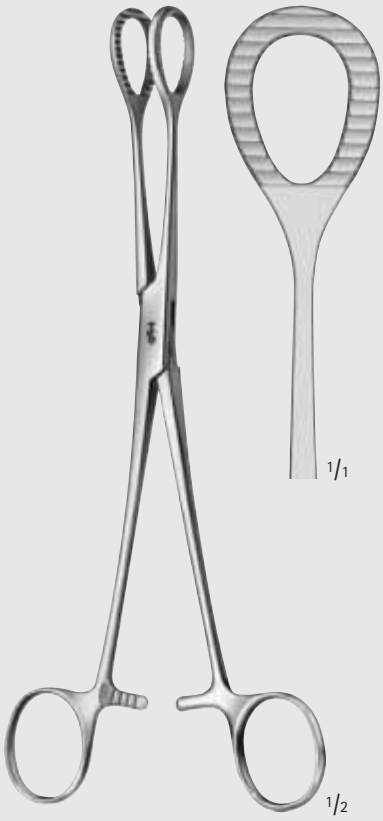
AN710R

200 mm, 8"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallenblasenzangen und Gallengangscheren

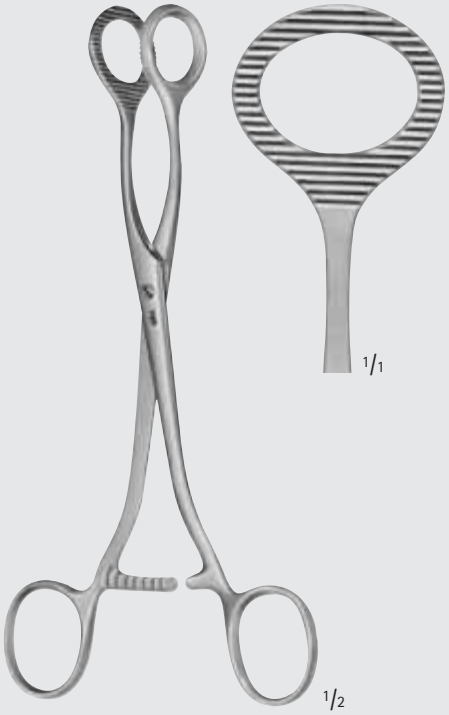
Gall Bladder Forceps and Gall Duct Scissors



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"

POTTS-DE MARTEL

BC650R

60°

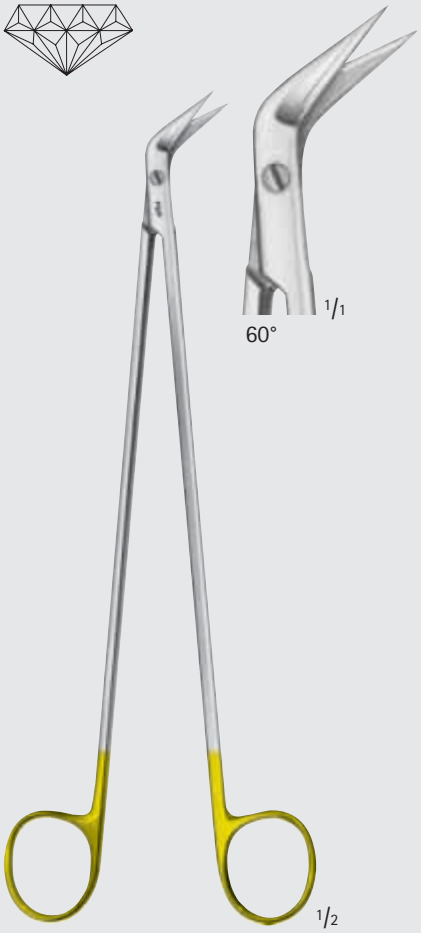
MILLS

BC651R

60°

BC650R–BC651R

220 mm, 8 3/4"



60°

DE BAKEY

BC245R

220 mm, 8 3/4"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangsonden

Gall Duct Probes

Knopf-Ø 3,5 mm
Diam. of tip 3.5 mm

1/2

HAJEK

OK900

Spülkanüle, aus Silber
Irrigating cannula, silver
165 mm, 6 1/2"

Knopf-Ø 5 mm
Diam. of tip 5 mm

1/2

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

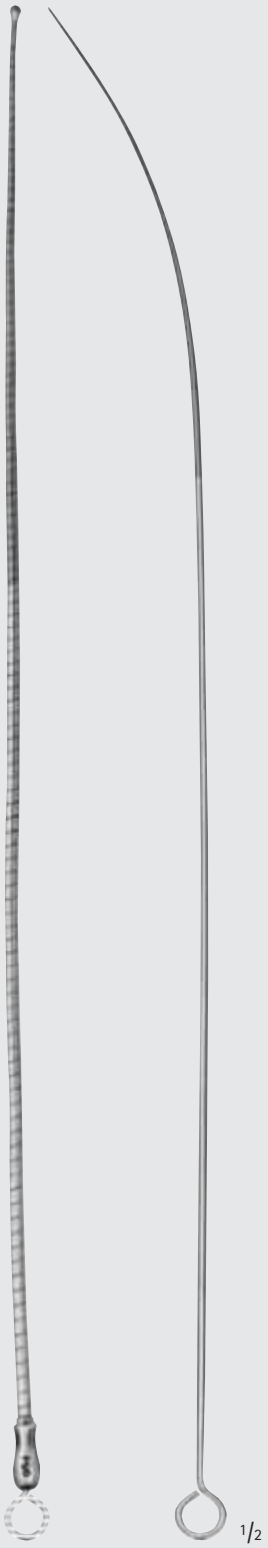
1/2

MAYO

EO005R

Gallengangsonde, biegsam
Gall duct probe, malleable
330 mm, 13 1/8"

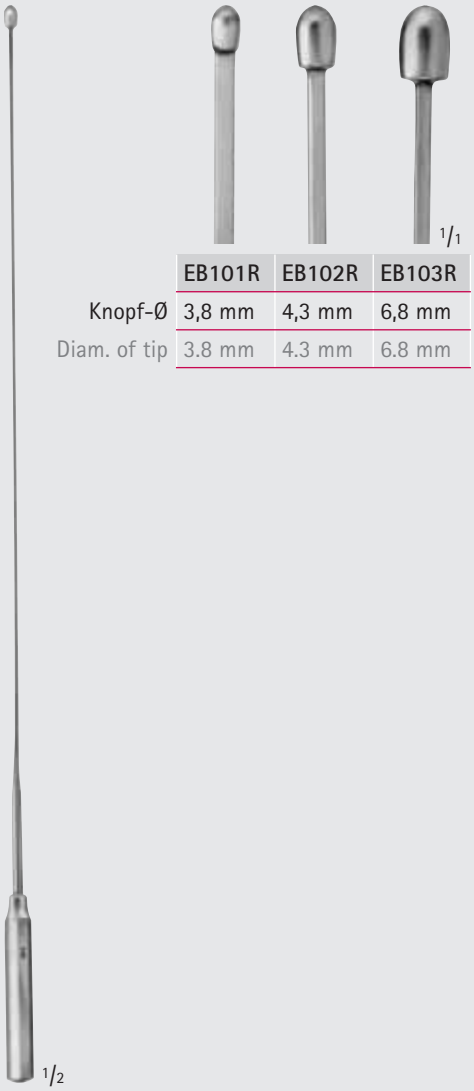
Knopf-Ø	3,5 mm
Diam. of tip	3.5 mm



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"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallengangdilatatoren

Gall Duct Dilators

1/2

	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

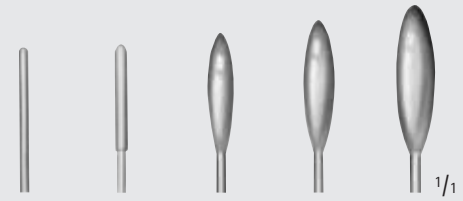
DITTEL

EF638R–EF660R

Metallbougie-Öffner

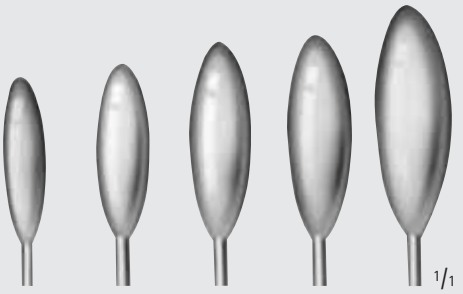
Metal bougies
and dilating sounds

345 mm, 13 3/4"



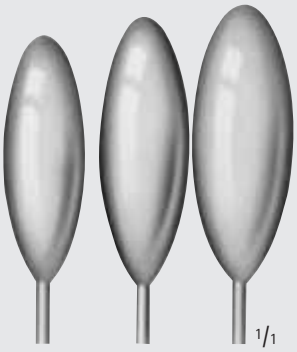
1/1

	EB061R	EB062R	EB063R	EB064R	EB065R
Ø diam.	1 mm	2 mm	3 mm	4 mm	5 mm



1/1

	EB066R	EB067R	EB068R	EB069R	EB070R
Ø diam.	6 mm	7 mm	8 mm	9 mm	10 mm



1/1

	EB071R	EB072R	EB073R
Ø diam.	11 mm	12 mm	13 mm

1/2

BAKES

EB061R-EB073R

Gallengangdilatationsoliven, 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

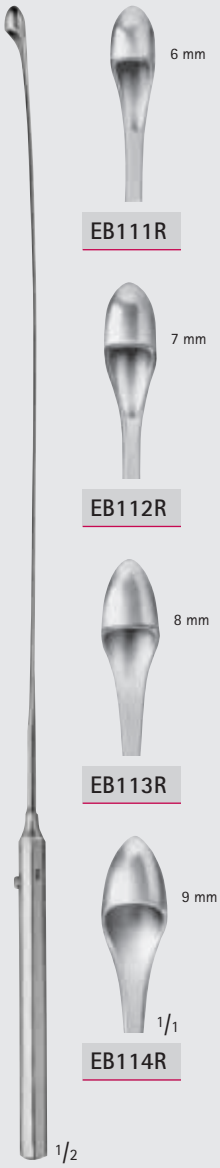
Canvas roll only

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinlöffel

Gall Stone Scoops

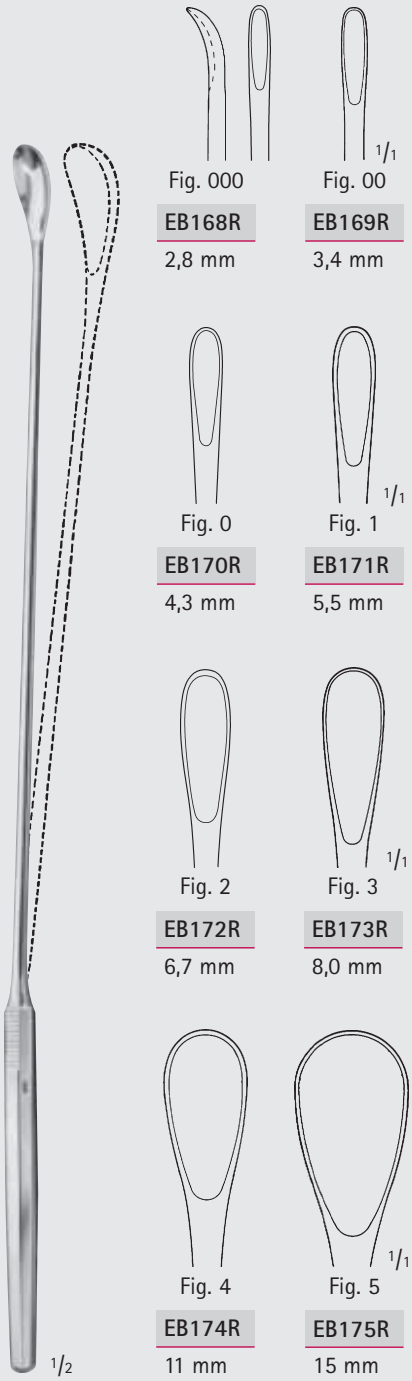
geeignete Wundhaken siehe Rubrik BT
selbsthaltende Bauchdeckenrahmen siehe Rubrik BV
suitable retractors see section BT
Self-retaining abdominal retractors see section BV



DESJARDINS

EB111R–EB114R

Sonde und Fänger mit federndem Schaft
Probe and catch with flexible shaft
300 mm, 12"



LUER-KÖRTE MODIF.

EB168R–EB175R

mit biegsamen Schaft
with malleable shaft
325 mm, 12 3/4"

weitere Gallensteinzangen siehe Rubrik EF
further gall stone forceps see section EF

BLAKE

EB220R

205 mm, 8"

BLAKE

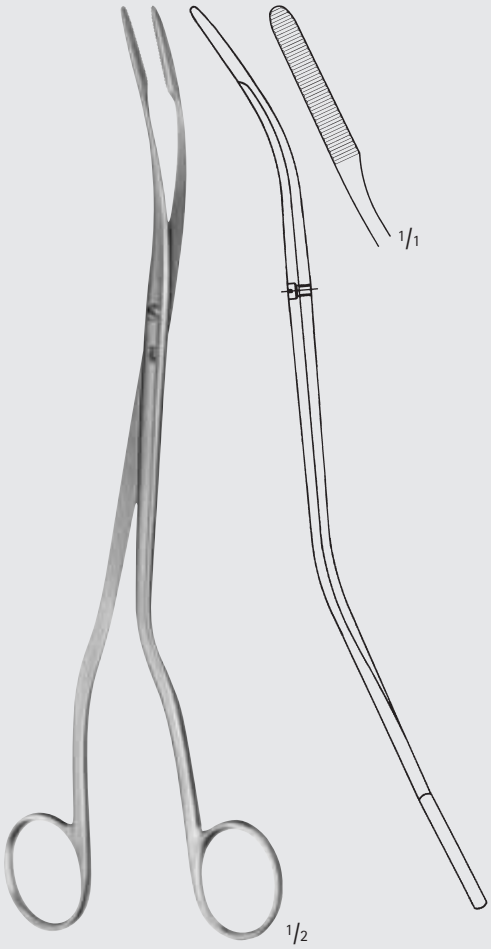
EB221R

205 mm, 8"

Instrumente für Galle, Leber – Gall Bladder-, Liver-Instruments

Gallensteinzangen

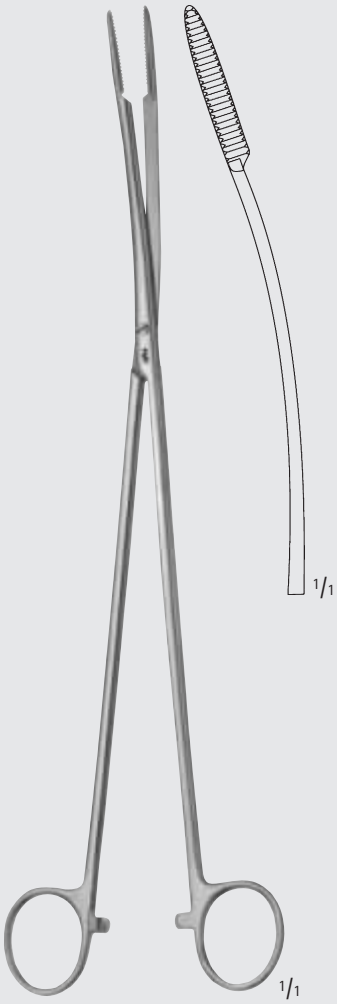
Gall Stone Forceps



CZERNY

EB225R

245 mm, 9 3/4"



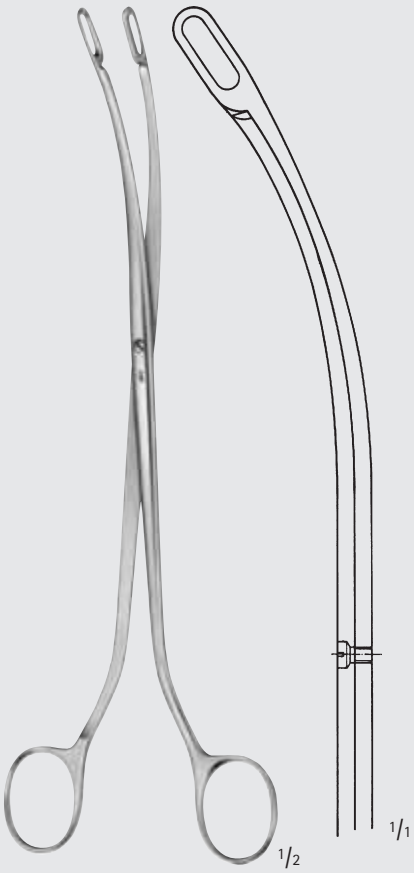
PELKMANN

EO061R

260 mm, 10 1/4"

EB231R EB232R

EB233R EB234R



DESJARDINS

EB231R–EB233R

225 mm, 9"

EB240R

240 mm

9 1/2"

EB242R

225 mm

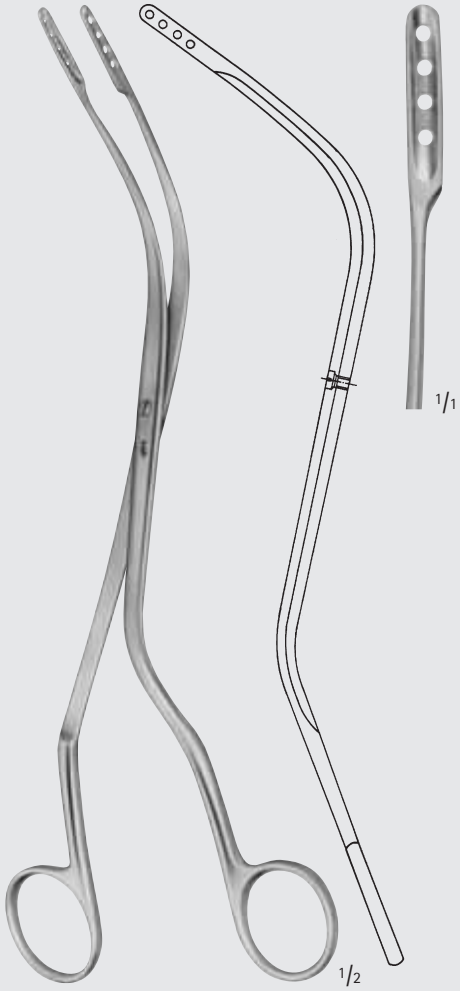
9"

DESJARDINS

EB240R–EB242R

besonders schmale Modelle

extremely delicate patterns



TÜBINGER MODELL

EB239R

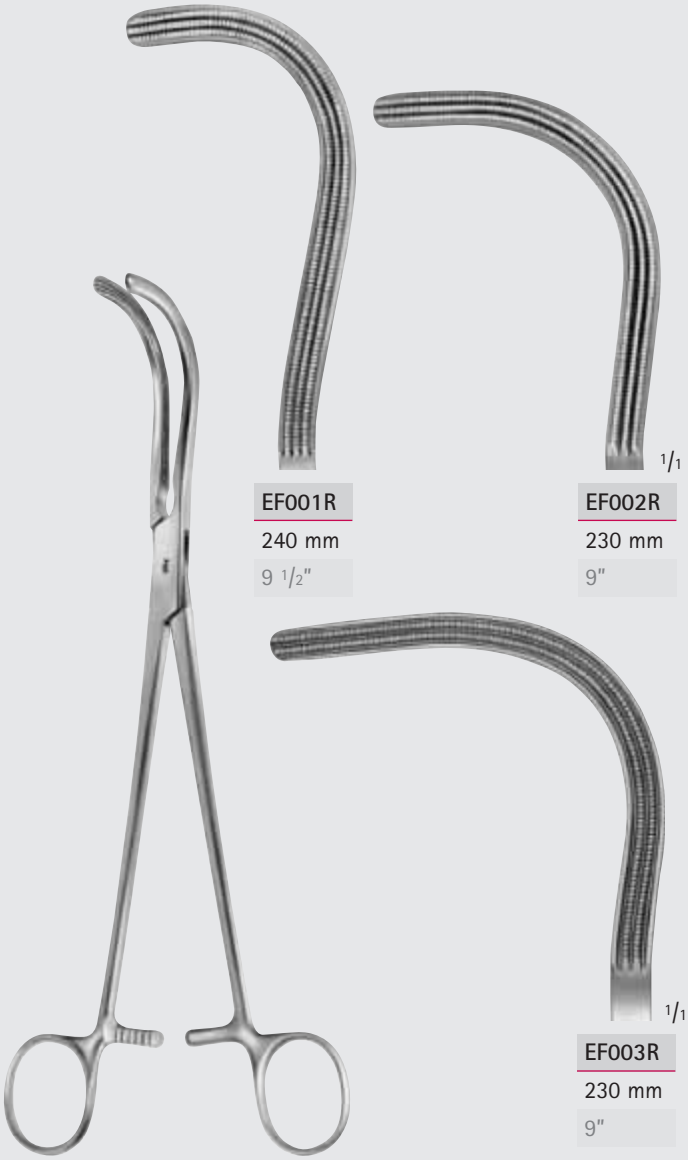
255 mm, 10"

EF

Urologie-Instrumente
Genito-Urinary Instruments

EF

ATRAUMATA®

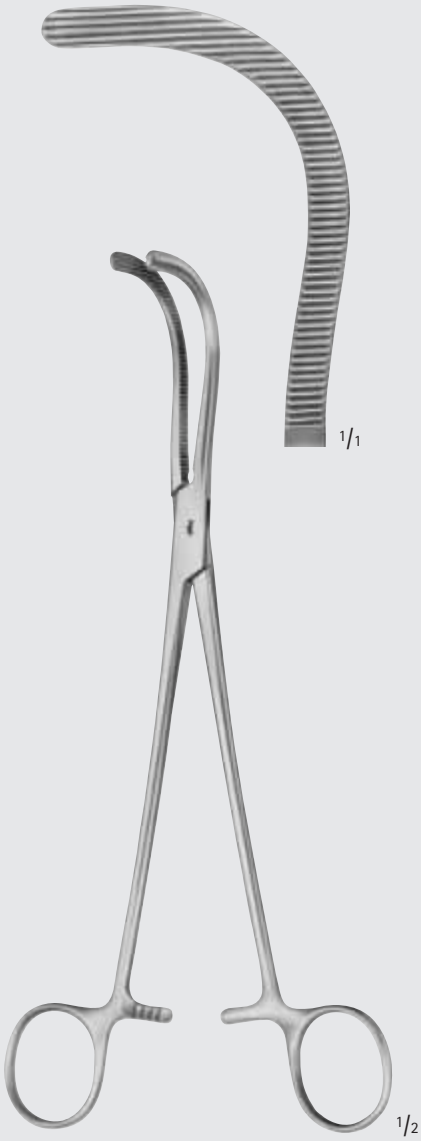


EF001R
240 mm
9 1/2"

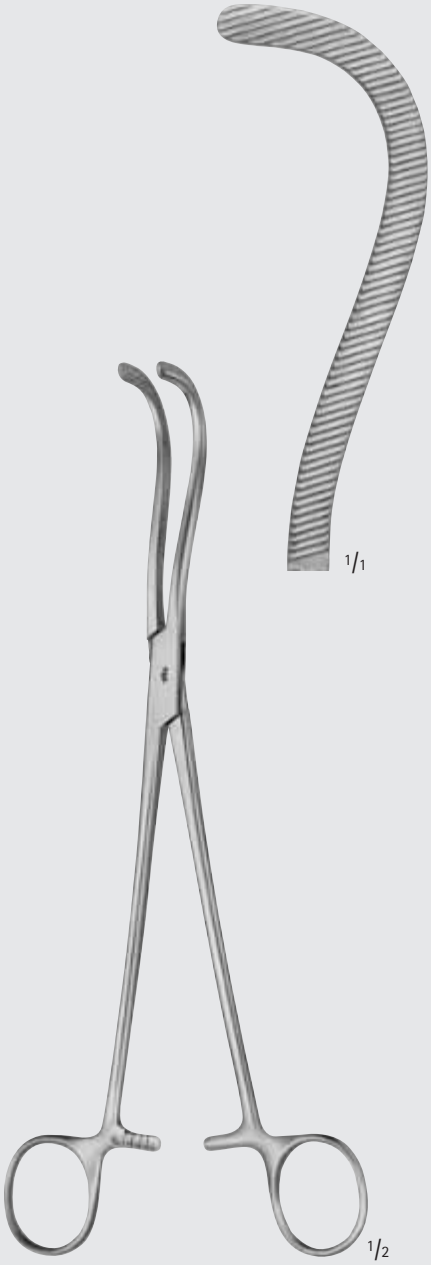
EF002R
230 mm
9"

EF003R
230 mm
9"

GUYON
EF001R–EF003R



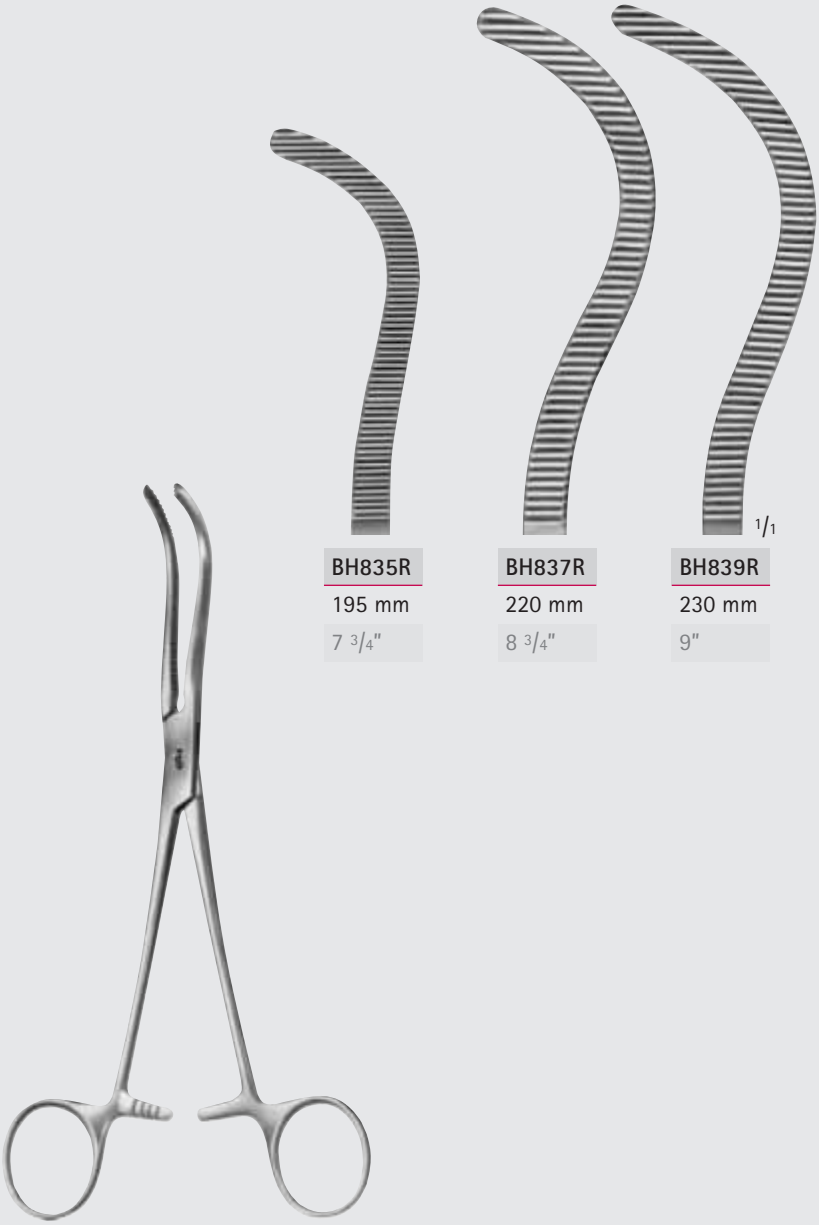
GUYON
EF011R
230 mm, 9"



GUYON

EF010R

235 mm, 9 1/4"

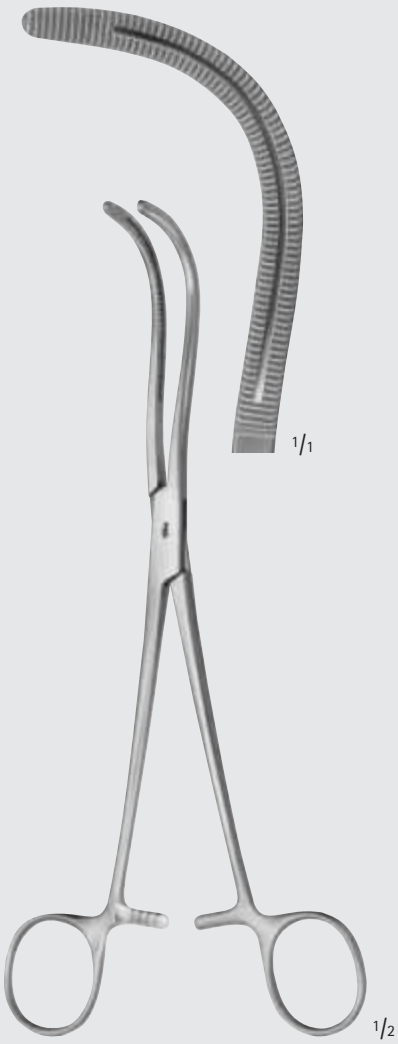


PEAN

BH835R-BH839R

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

EF



STILLE

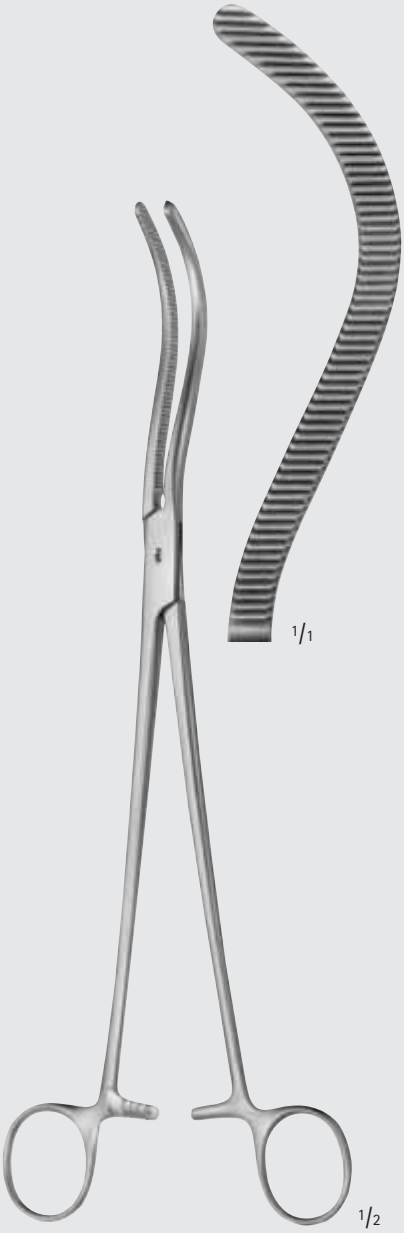
EF016R

220 mm, 8 3/4"

STILLE

EF015R

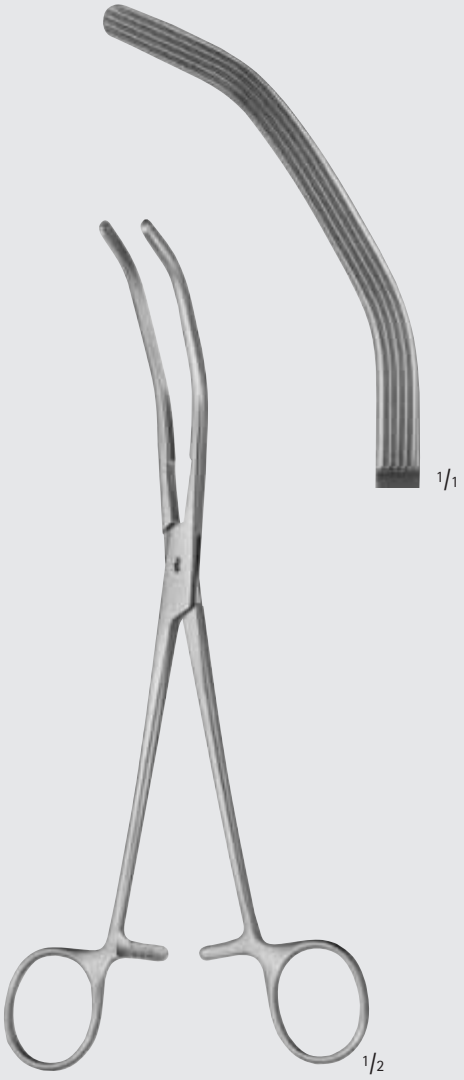
240 mm, 9 1/2"



GUYON

EF012R

265 mm, 10 1/2"



HERRICK

EF030R

225 mm, 9"

WERTHEIM

BJ574R

255 mm, 10"

EF

WERTHEIM-CULLEN

BJ579R

Winkel- und Druckklemme

Angle- and pressure clamp

215 mm, 8 1/2"

ATRAUMATA®

WERTHEIM

BJ581R

Winkel- und Druckklemme

Angle- and pressure clamp

250 mm, 10"

COLLIN

EO405R

285 mm, 11 1/4"

DARTIGUES

EO407R

255 mm, 10"

Urologie-Instrumente – Genito-Urinary Instruments

Nierensteinzangen

Kidney Stone Forceps

1/1

EF047R
170 mm
6 3/4"

EF048R
160 mm
6 1/4"

HEIMING

EF047R-EF048R

für Kinder
for children

1/1

EF051R

EF052R

1/2

1/1

EF053R

EF054R

RANDALL

EF051R-EF054R

225 mm, 9"

EF055R

1/1

EF056R

1/2

RANDALL

EF055R-EF056R

190 mm, 7 1/2"

EF

1/1

EB244R
245 mm
9 3/4"

EB246R
230 mm
9"

RANDALL

EB244R-EB246R
besonders schmale Modelle
extremely delicate patterns

INCHES

KUGELSCHNELLVERSCHLUSS
BALL SNAP CLOSURE

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

LEGUEU

BV928R

Blasenspatel

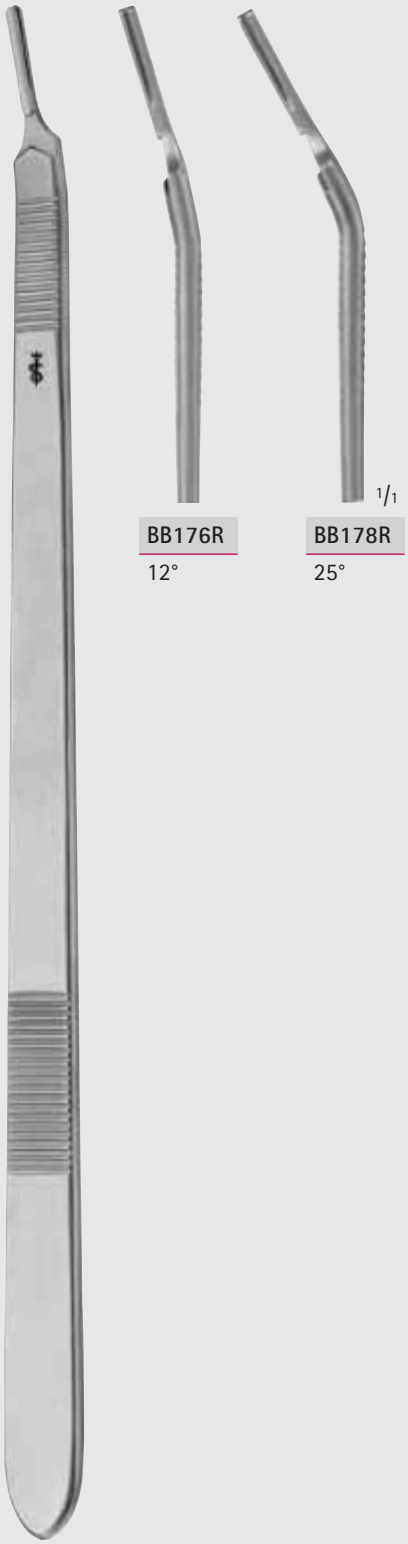
Bladder spatula

260 mm, 10 1/4″

Urologie-Instrumente – Genito-Urinary Instruments

Urologie - Prostatektomie

Genito-Urinary Instruments - Prostatectomy



BB176R
12°

BB178R
25°

BARRÉ

BB176R-BB178R

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

BARRÉ

BB177R

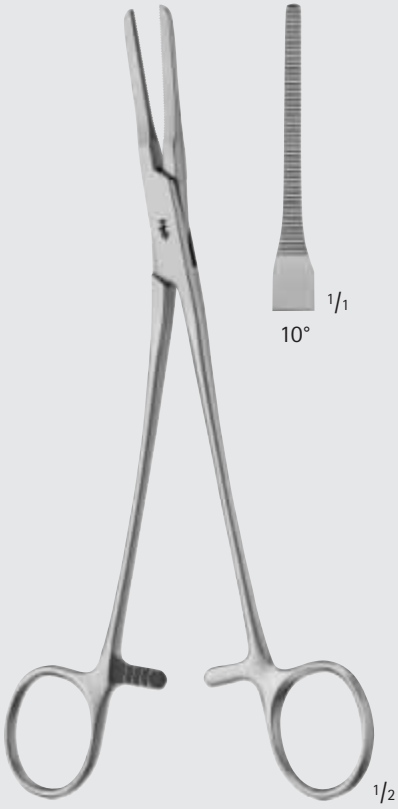
No. 3 XL
für linke Hand
for left hand
250 mm, 10"

spitz/spitz
sharp/sharp

BARRÉ

BC715R

Präparierschere
Dissecting scissors
280 mm, 11"



EF167R
Venenklemme
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"

EF

BARRÉ

BT680R

Prostata-Retraktor

Prostate retractor

360 mm, 14 3/8"

BARRÉ

BT681R

Urethra-Retraktor

Urethral retractor

390 mm, 15 1/2"

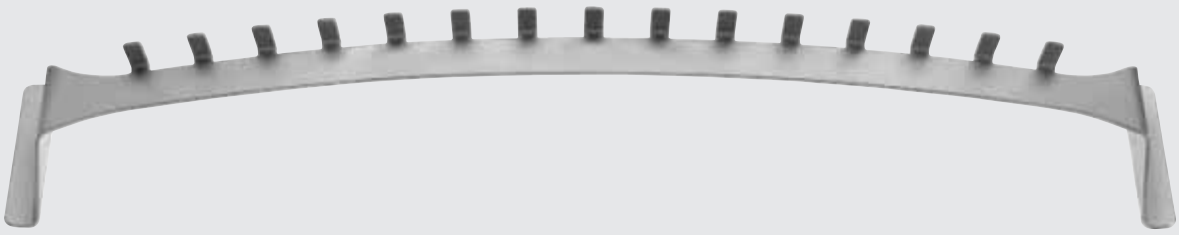
BARRÉ

GK685R

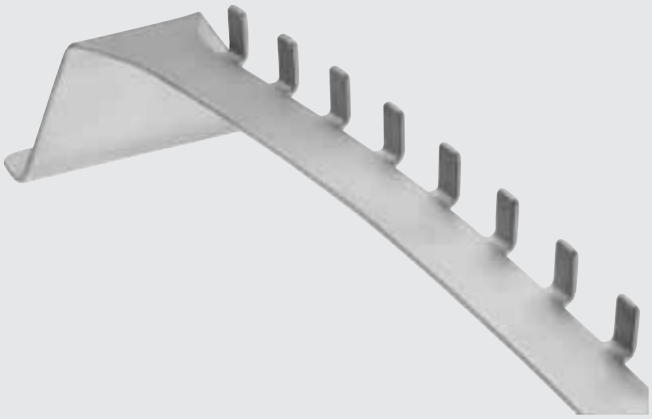
Bipolare Pinzette

Bipolar forceps

260 mm, 10 1/4"



1/3



1/1

BARRÉ

BV927R

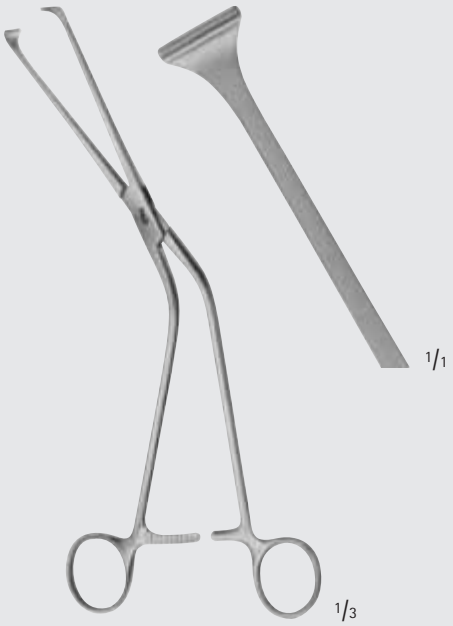
Fadenhaltebügel

Suture holding frame

465 mm, 18 1/3"

EF

ATRAUMATA®



MILLIN

EF163R

Kapselfasszange

Lobe grasping forceps

245 mm, 9 3/4"

ATRAUMATA®

MILLIN

EF164R

Kapselfasszange

Lobe grasping forceps

235 mm, 9 1/4"

MILLIN

EF168R

Fadenhaltezange

Ligature holding forceps

245 mm, 9 3/4"

MILLIN

EF170R

Blasenhalsspreizer

Bladder neck spreader

285 mm, 11 1/4"

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"

EF

ATRAUMATA®

EF070R

Ureterzange

Ureter Forceps

240 mm, 9 1/2"

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"

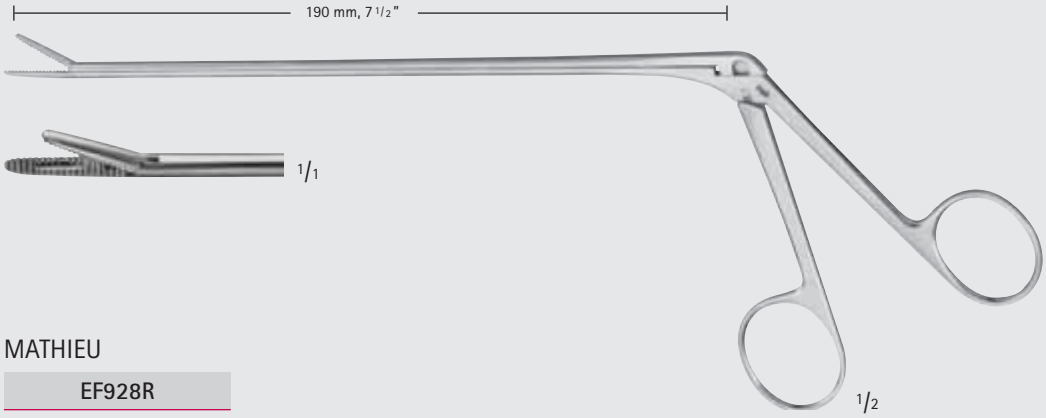
BT126R

Haken für den Samenstrang

Hook for the spermatic cord

165 mm, 6 1/2"

EF

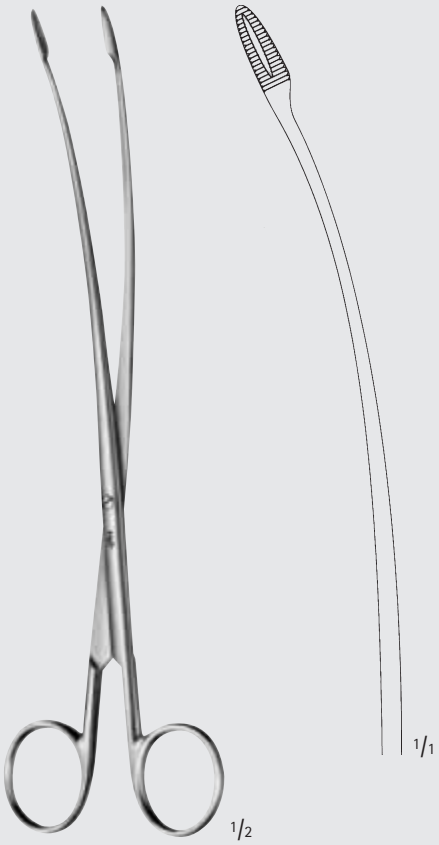


MATHIEU

EF928R

Fremdkörperzange

Foreign body forceps



PITHA

EF921R

Fremdkörperzange

Foreign body forceps

220 mm, 8 3/4"

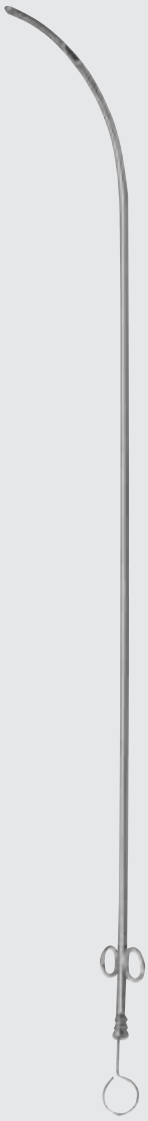
ASCH

ER005R

Sekretlöffel, stumpf

Secretion scoop, blunt

200 mm, 8"



	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"

EF

1/4

EF491C

Katheterspanner und Einführungsinstrument

Catheter guide (introducer)

490 mm, 19 1/2"

1/3

GUYON

EF492R

Katheterspanner und Einführungsinstrument

Catheter guide (introducer)

365 mm, 14 1/2"

1/3

EF493R

Kathetereinführungsinstrument

Introducer for catheters

460 mm, 18"

1/2

	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"

1/2

TURNER WARWICK

EF790R

Harnröhrenbougie

Retrograde bougie

180 mm, 7"

EF

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

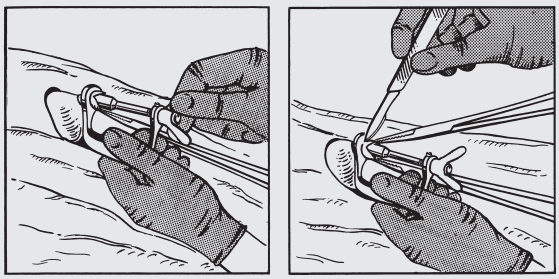
EF824R-EF860R

Metallbougie-Öffner

Urethral bougies and dilating sounds

255 mm, 10"

INCHES



- 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

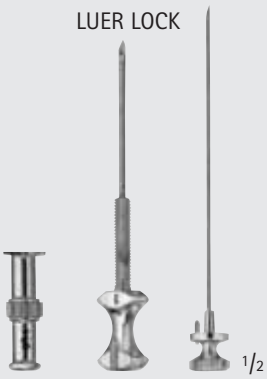
	Ø diam.
EF965R	12 mm
EF966R	16 mm
EF967R	20 mm

Beschneidungsklemmen
Circumcision clamps

EJ

Trokare
Trocars

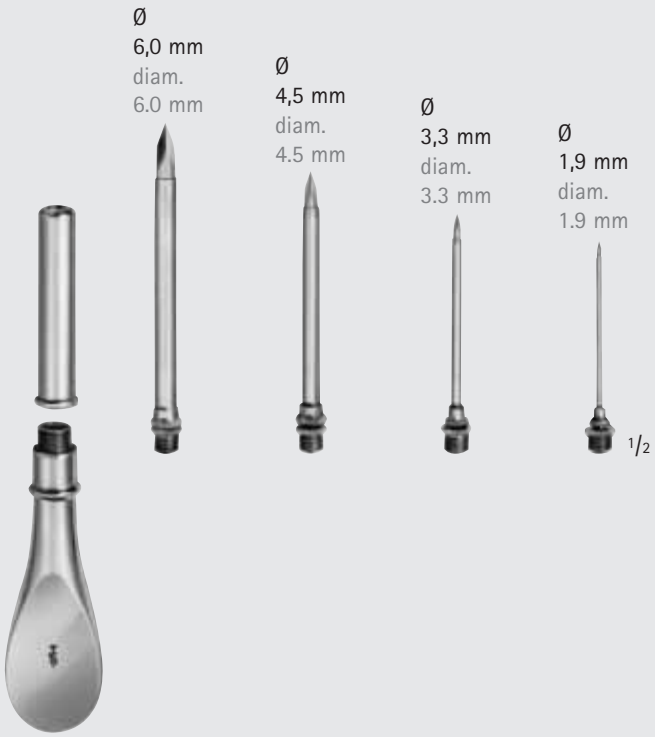
EJ



KLIMA-ROSEGGER

SR428R

Sternal-Punktionskanüle
Sternal puncture needle
1,8 x 35 mm



EJ126R

Universaltrokar mit 4 Aufsätzen
Universal trocar with 4 tips

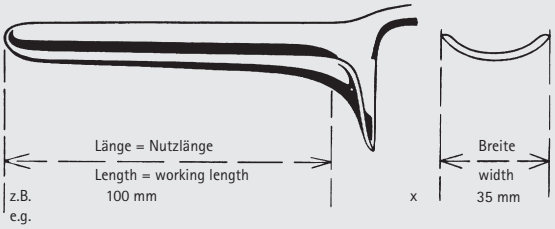
EL

Scheidenspekula
Vaginal Specula

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

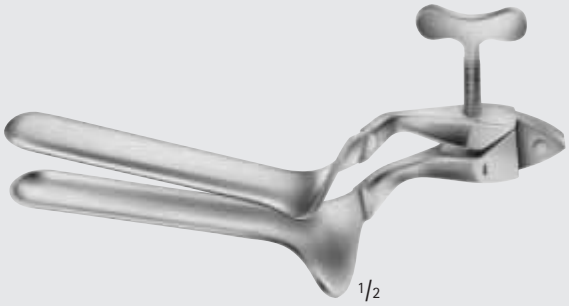
Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



COLLIN

EL010C

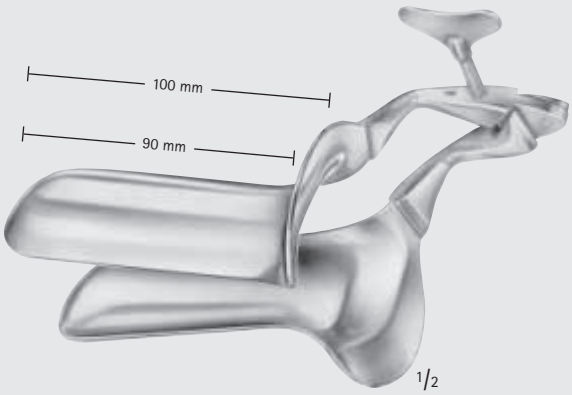
53 x 10 mm
für Kinder
for children



COLLIN

EL011R

95/85 x 18 mm
für Jungfrauen
for virgins



COLLIN

	Gesamtlänge/Nutzlänge Total length/working length	Breite 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

CUSCO

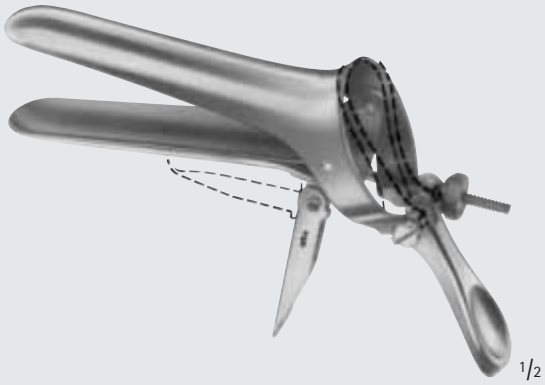
EL040R

75 x 17 mm
für Jungfrauen
for virgins

CUSCO

EL075R

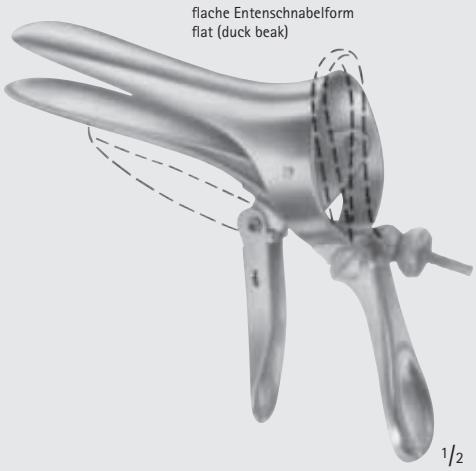
75 x 17 mm
für Jungfrauen
for virgins



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

Scheidenspekula – Vaginal Specula

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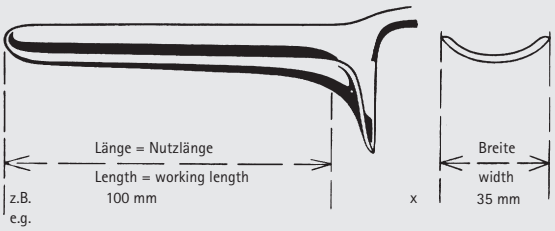
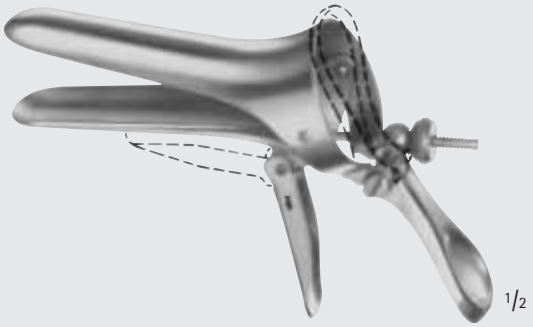




CUSCO STANDARD

EL041R	80 x 24 mm
EL042R	80 x 32 mm
EL043R	90 x 36 mm
EL044R	110 x 37 mm

Standard-Modelle
Standard patterns

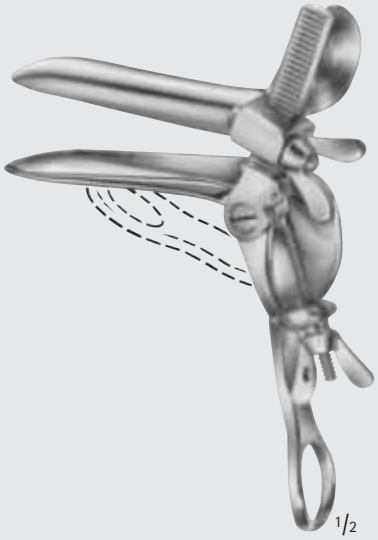
CUSCO

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

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

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Scheidenspekula
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Scheidenspekula
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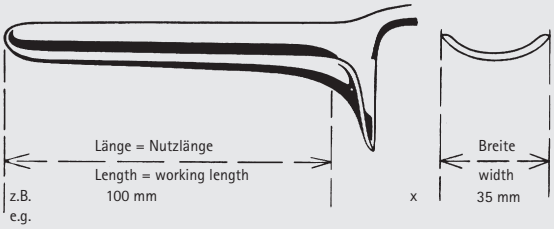
Vaginal specula
How to measure vaginal specula



GRAVE

EL194R	75 x 20 mm
EL195R	95 x 30 mm
EL196R	105 x 33 mm

1/2

PEDERSON

EL192R	100 x 22 mm
EL193R	120 x 25 mm

1/2

1/2

SIMS	Nutzlänge x Breite Working length x Width	Gesamtlänge 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"

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 3/4"

1/2

KRISTELLER

EL420R

70 x 15 mm
für Kinder
for children
170 mm, 6 3/4"

1/2

KRISTELLER

EL421R	70 x 27 mm
EL422R	75 x 30 mm
EL423R	90 x 36 mm

175 mm, 7"

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 3/4"

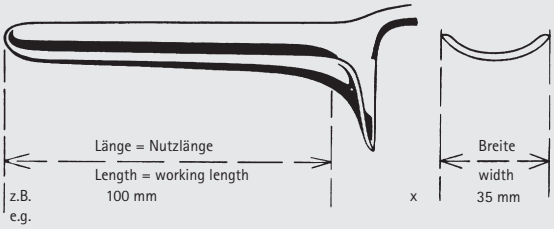
1/2

Scheidenspekula – Vaginal Specula

Scheidenspekula - untere Blätter

Vaginal Specula - Lower Blades

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



KRISTELLER

EL440R-EL443R

untere Blätter

lower blades

EL440R
70 x 15 mm
175 mm
7"

EL441R
70 x 27 mm
180 mm
7"

EL442R
75 x 30 mm
180 mm
7"

1/1

EL443R
90 x 36 mm
185 mm
7 1/4"

KRISTELLER

EL450R–EL453R

obere Blätter

upper blades

EL450R

75 x 10 mm

175 mm

7"

EL451R

75 x 23 mm

180 mm

7"

EL452R

80 x 25 mm

180 mm

7"

1/1

EL453R

100 x 32 mm

185 mm

7 1/4"

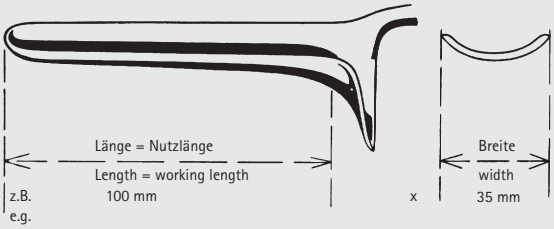
Scheidenspekula – Vaginal Specula

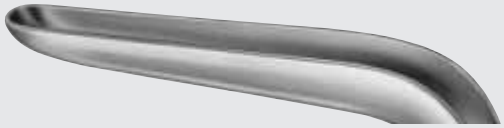
Scheidenspekula - untere Blätter

Vaginal Specula - Lower Blades

Scheidenspekula
Schema für Maßangaben bei Spekula

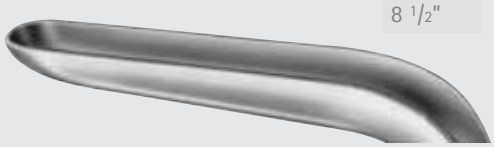
Vaginal specula
How to measure vaginal specula





EL444R
110 x 18 mm
215 mm
8 1/2"

EL445R
110 x 27 mm
215 mm
8 1/2"



EL446R
110 x 20 mm
220 mm
8 3/4"

EL447R
110 x 30 mm
220 mm
8 3/4"

1/1

EL448R
110 x 36 mm
225 mm
9"

KRISTELLER

EL444R-EL448R

untere Blätter
lower 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"

1/1

EL458R
120 x 30 mm
225 mm
9"

KRISTELLER

EL454R-EL458R
obere Blätter
upper blades

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
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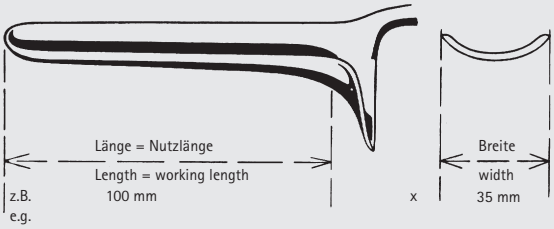
How to measure vaginal specula



KALLMORGEN

EL480R

75 x 39 mm
Satz
Set
170 mm, 6 3/4"

KALLMORGEN

EL481R

95 x 39 mm
Satz
Set
200 mm, 8"

EL494R
110 x 20 mm

EL495R
110 x 30 mm

1/2

EL496R
110 x 36 mm

1/2

KRISTELLER

EL494R–EL496R

untere Blätter
lower blades
215 mm, 8 1/2"

EL497R
115 x 18 mm

EL498R
115 x 26 mm

1/2

EL499R
115 x 32 mm

1/2

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

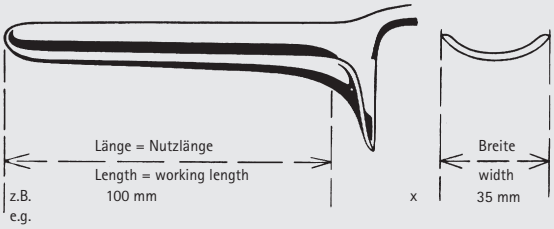
Scheidenspekula – Vaginal Specula

Scheidenspekula für Kinder und Jungfrauen

Vaginal Specula for Children and Virgins

Scheidenspekula
Schema für Maßangaben bei Spekula

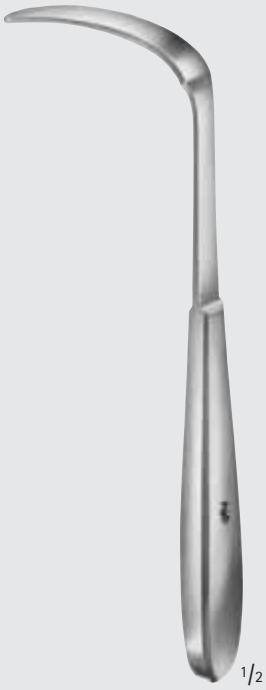
Vaginal specula
How to measure vaginal specula



BRAUN

EL550R

56 x 13 mm
180 mm, 7"



BRAUN

EL551R

60 x 10 mm
180 mm, 7"

MATHIEU

EL558R

95 x 17 - 30 mm
210 mm, 8 1/4"

MATHIEU

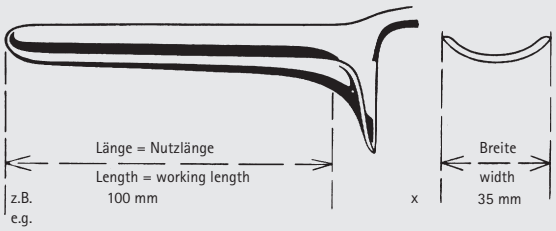
EL559R

95 x 17 - 26 mm
passend zu EL558R
fitting EL558R
210 mm, 8 1/4"

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



EL578R
89 x 38 mm

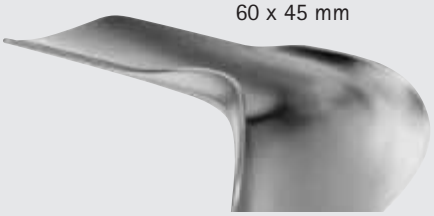
EL579R
102 x 38 mm

JACKSON

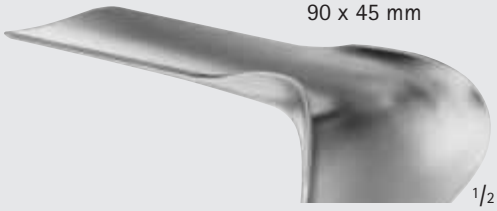
EL578R-EL579R

175 mm, 7"

EL627R
60 x 45 mm



EL628R
90 x 45 mm

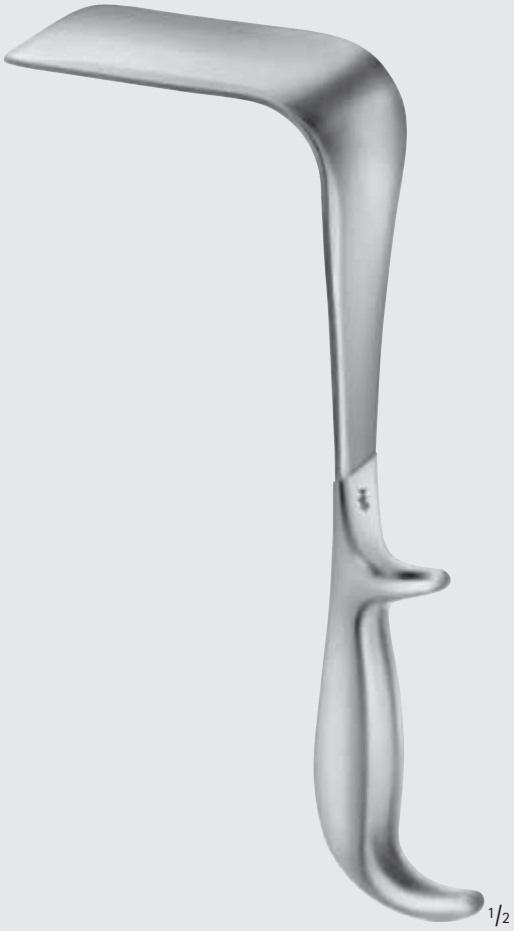


EL629R
112 x 45 mm

DOYEN

EL627R-EL629R

235 mm, 9 1/4"



	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

DOYEN

EL631R–EL644R

240 mm, 9 1/2"

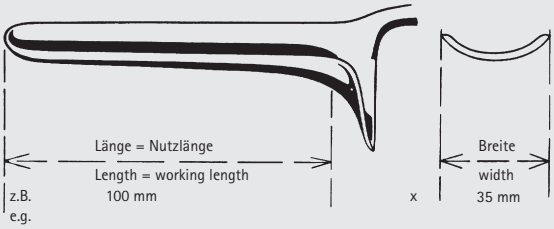
LANDON

EL660R

89 x 25 mm
195 mm, 7 3/4"

EL

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"

1/2

LANDAU

EL690R	100 x 28 mm
EL691R	110 x 38 mm

290 mm, 11 1/2"

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"

1/2

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"

1/2

BREISKY

EL700R	160 x 40 mm
EL702R	180 x 40 mm

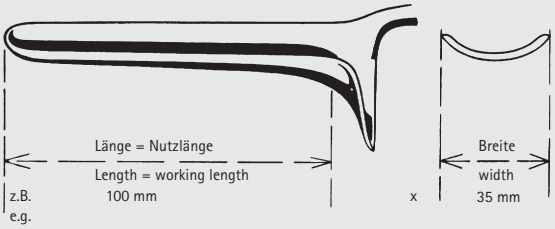
Wiener Modelle
Vienna patterns
350 mm, 14"

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

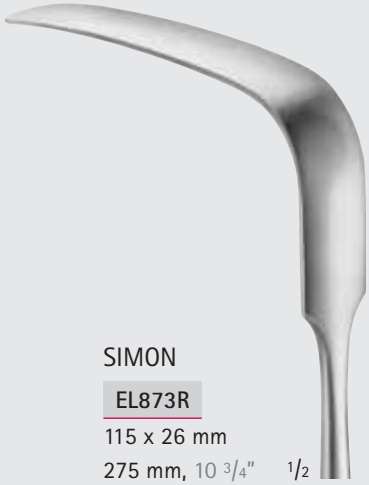
EL859R

60 x 30 mm
seitliches Spekulum
lateral speculum
230 mm, 9"

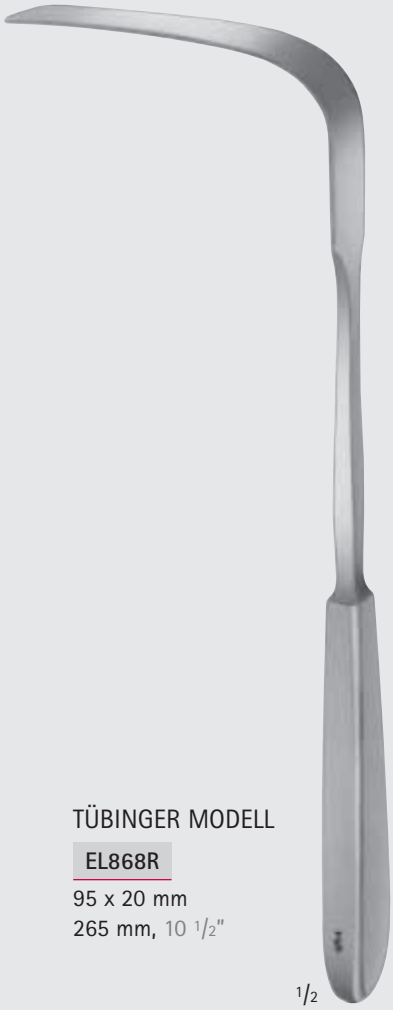
DOYEN

EL860R

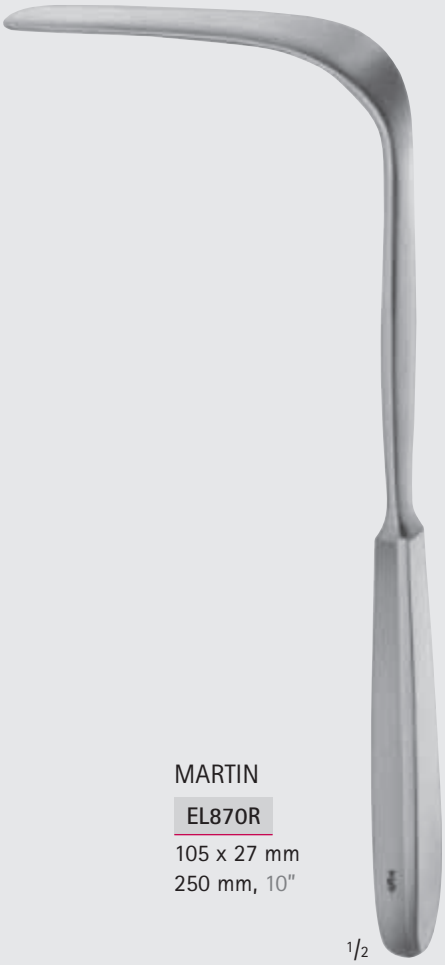
80 x 30 mm
seitliches Spekulum
lateral speculum
250 mm, 10"



SIMON
EL873R
115 x 26 mm
275 mm, 10 3/4"
1/2



TÜBINGER MODELL
EL868R
95 x 20 mm
265 mm, 10 1/2"
1/2



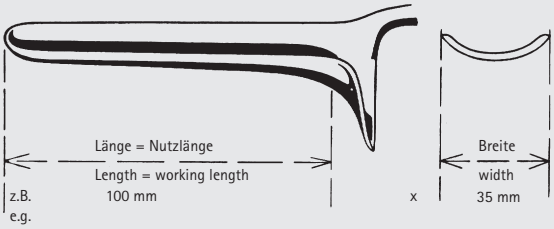
MARTIN
EL870R
105 x 27 mm
250 mm, 10"
1/2

SIMON
EL872R
115 x 22 mm
275 mm, 10 3/4"
1/2

Scheidenspekula – Vaginal Specula

Scheidenspekula
Vaginal Specula

Scheidenspekula
Schema für Maßangaben bei Spekula
Vaginal specula
How to measure vaginal specula



AUVARD

EL736R

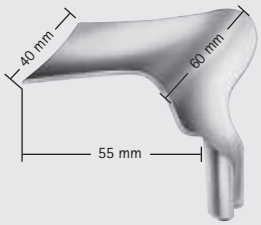
65 x 38 - 28 mm
1,530 kg = 3 lbs. 6 oz.
mit abnehmbaren Gewicht
1.530 kg = 3 lbs. 6 oz.
with detachable weight
230 mm, 9"

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"

EL741R
80 x 30 mm



EL744R
55 x 40 - 60 mm

EL745R
70 x 45 - 70 mm

EL748R

EL742R
85 x 35 mm

EL743R
85 x 40 mm

EL746R

EL747R

1/3

SCHERBACK

EL740R

Satz, bestehend aus:
Griff (EL746R)
Gewicht (EL747R)
4 Blätter (EL741R - EL744R)

Set, consisting of:
Handle (EL746R)
Weight (EL747R)
4 Blades (EL741R - EL744R)

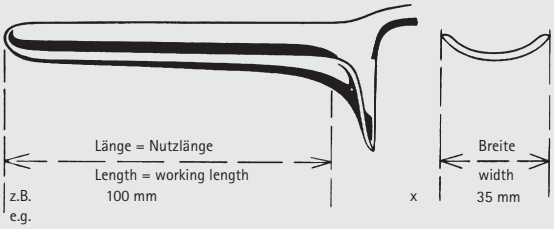
Die Blätter sind austauschbar.
Sie passen sowohl auf den Griff EL746R,
als auch auf die Griffe EL759R und EL760R,
siehe Seite 658

The blades can be exchanged.
They fit handle EL746R as well as
handles EL759R and EL760R,
see page 658

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

EL759R
230 mm, 9"

EL760R
220 mm, 8 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

JOLL (FRIEDMANN)

BV087R

155 mm, 6"

GELPI

BV996R

135 mm, 5 1/4"

GELPI

BV997R

175 mm, 7"

EM

Uterus-Dilatatoren
Uterine Dilators

Uterus-Dilatatoren – Uterine Dilators

Uterus-Dilatatoren

Uterine Dilators

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"

HEGAR

EM244R

Uterus-Dilatatoren,
in Segeltuchtasche (EM245),
mit 8 Dilatoren (EM232R-EM239R)

Uterine dilator set,
in canvas roll (EM245),
with 8 dilators (EM232R-EM239R)

1/2

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"

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

Weitere Informationen finden Sie in unserem Prospekt C404.
For further details see brochure No. C404.

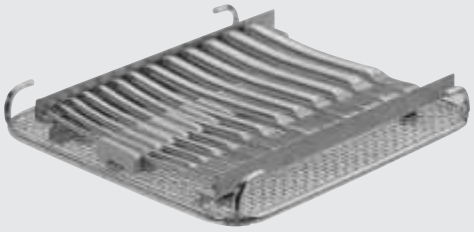
Gleitschieber-Halterung

- 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	Gleischieber
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	Gleischieber
JF909R	2	Anschlagrahmen

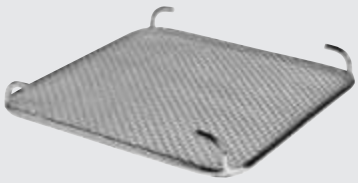
Uterine dilators (approx. 26-30 pieces)

JF212R	1	wire basket or
JF915R	1	wire base
JF907R	1	slinding rail
JF905	31	dividers
JF909R	2	limiting bars

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

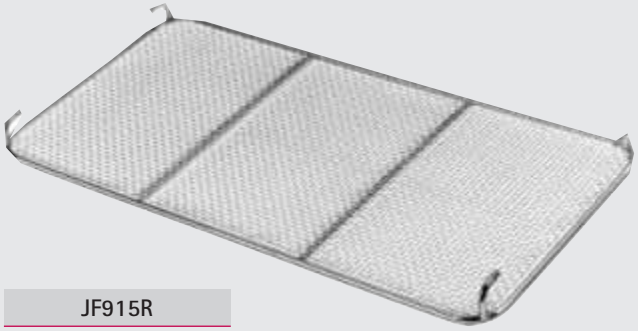
258 x 258 x 32 mm

JF112R

Siebkorb
Griffbeweglichkeit 90°,
senkrecht - waagrecht

Wire basket
handles can be moved up to 90° angle,
vertical - horizontal

257 x 245 x 50 mm

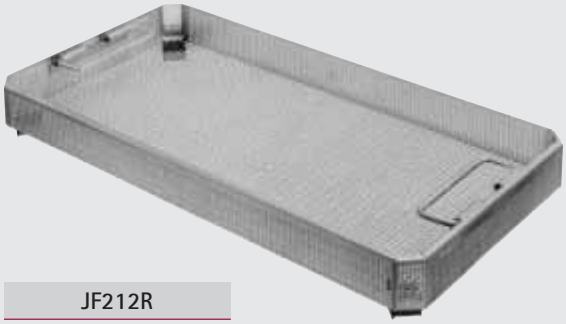


JF915R

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

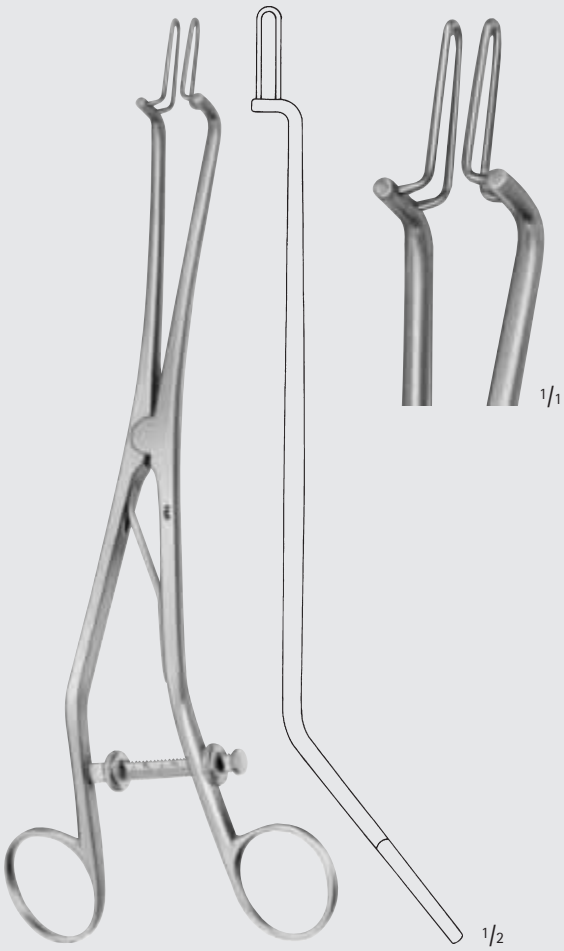
Anschlagrahmen DBGM
speziell zur Lagerung von Dilatatoren,
mit Befestigungsschrauben

Limiting bars DBGM
with securing screws,
particularly useful for storing dilators

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"

EO

Uterussonden, Tampon-, Haken-, Uterusfasszangen

Uterine Probes, Uterine Dressing-, Tenaculum and Uterine Elevating Forceps

Uterussonden – Uterine Probes

Uterussonden
Uterine Probes

Knopf-Ø 5 mm
Diam. of tip

1/2

MAYO

EO005R

biegsam
malleable
330 mm, 13 1/8"

Knopf-Ø 4 mm
Diam. of tip

1/2

SIMS

EO010R

330 mm, 13"

EO012R

biegsam
malleable
330 mm, 13"

Knopf-Ø 3,6 mm
Diam. of tip

1/2

GALABINS

EO013R

Schaft graduiert in cm,
biegsam
Shaft graduated in cm,
malleable
295 mm, 11 3/4"

Knopf-Ø 3 mm
Diam. of tip

1/2

MARTIN

EO015R

300 mm, 12"

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

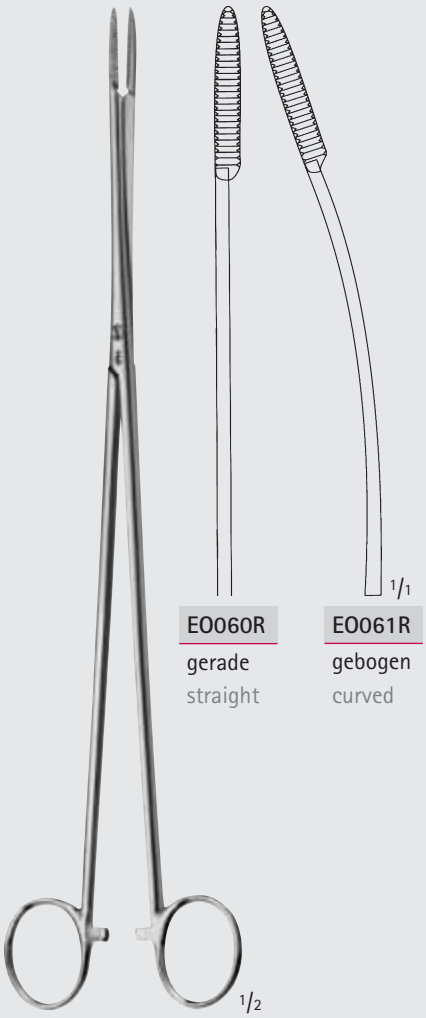
EO030R

Uterus-Depressor
Uterine depressor
270 mm, 10 3/4"

Uterussonden – Uterine Probes

Tamponzangen

Uterine Dressing Forceps



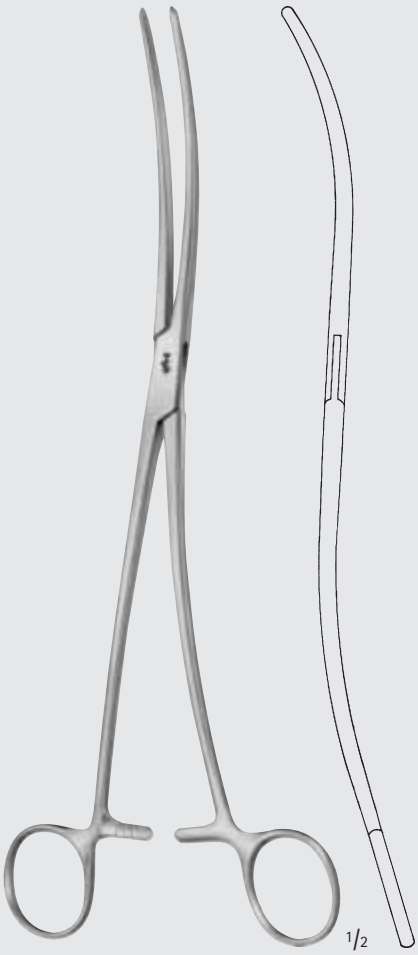
EO060R
gerade
straight

EO061R
gebogen
curved

PELKMANN

EO060R–EO061R

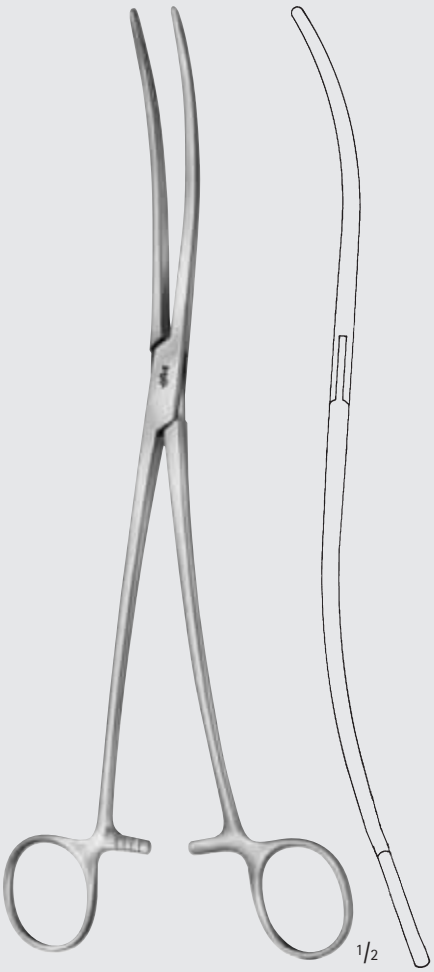
260 mm, 10 1/4"



BOZEMANN

EO075R

250 mm, 10"



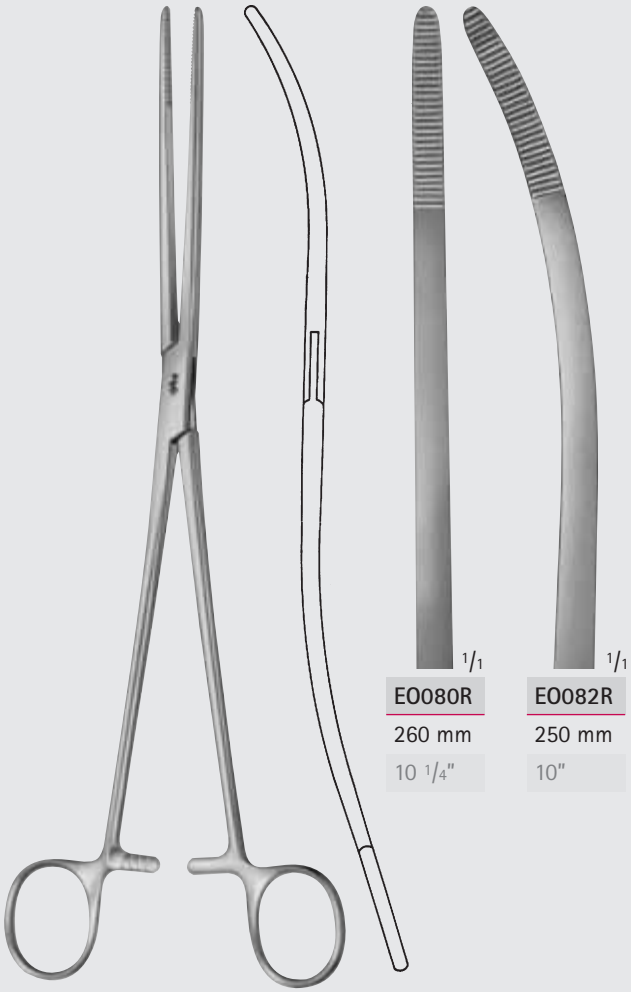
BOZEMANN

EO077R

Maul mit Längskehle

Jaws with longitudinal groove

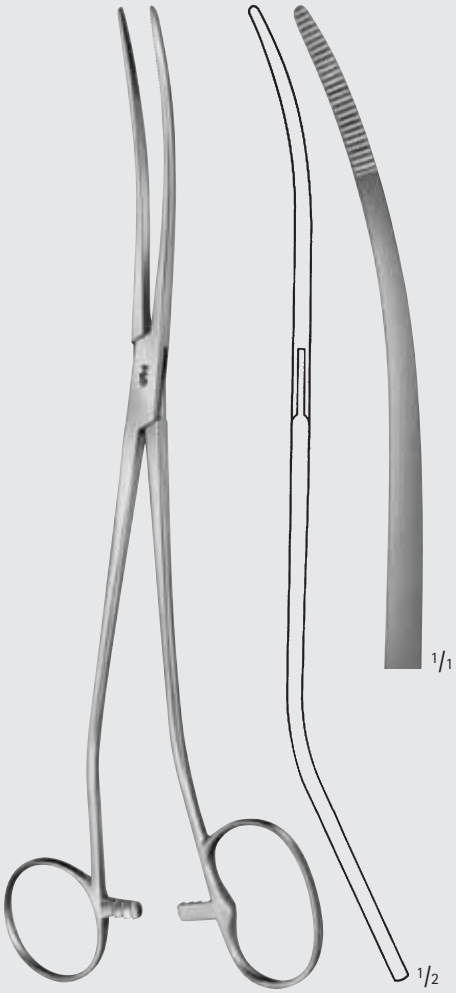
255 mm, 10"



EO080R	EO082R
260 mm	250 mm
10 1/4"	10"

BOZEMANN

EO080R–EO082R



BOZEMANN-DOUGLAS

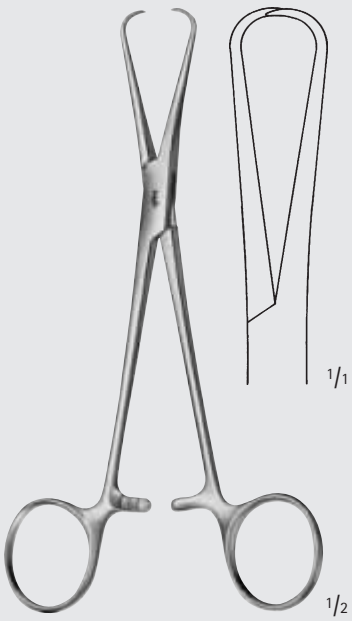
EO085R

260 mm, 10 1/4"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps



BERNHARD

BF426R

160 mm, 6 1/4"

POZZI

EO105R

175 mm, 7"

ADAIR

EO106R

190 mm, 7 1/2"

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

SCHRÖDER

EO111R

250 mm, 10"

WILSON

EO112R

240 mm, 9 1/2"

POZZI

EO125R

kräftiges Modell

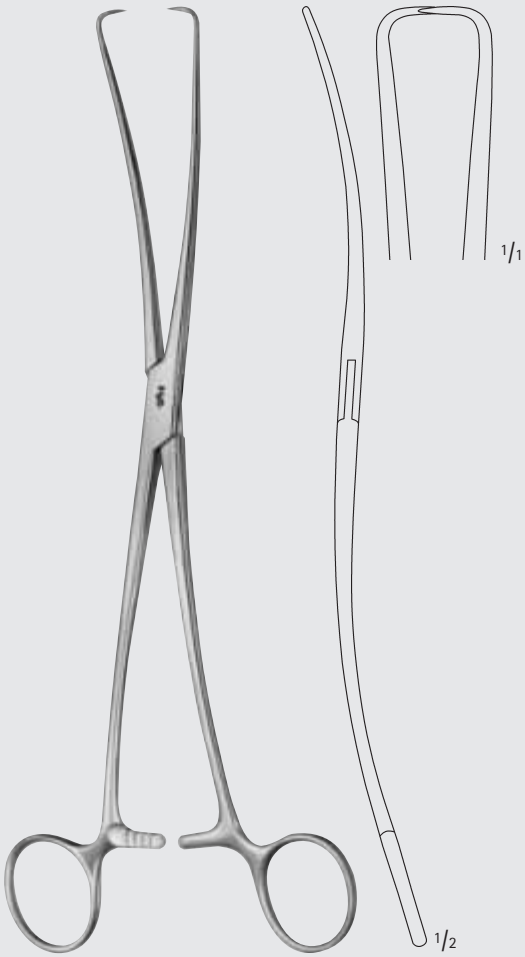
heavy pattern

255 mm, 10"

MARTIN

EO115R

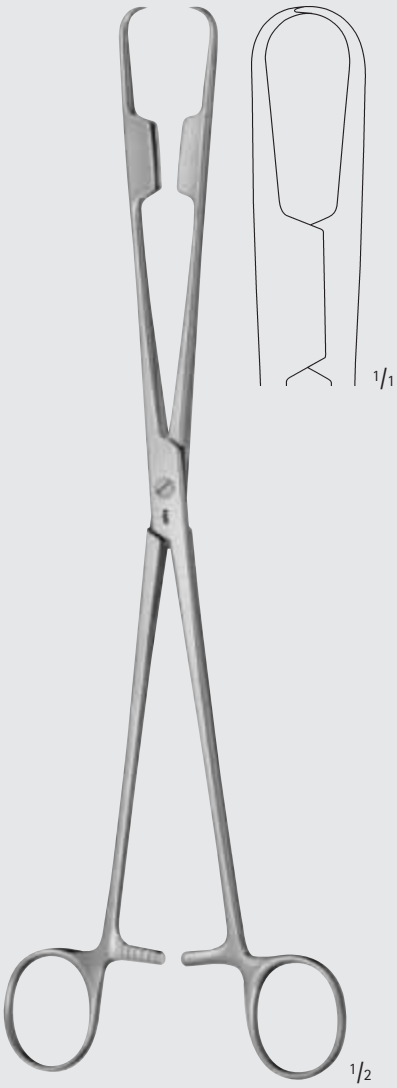
265 mm, 10 1/2"



DUPLAY

EO130R

250 mm, 10"



ABEL

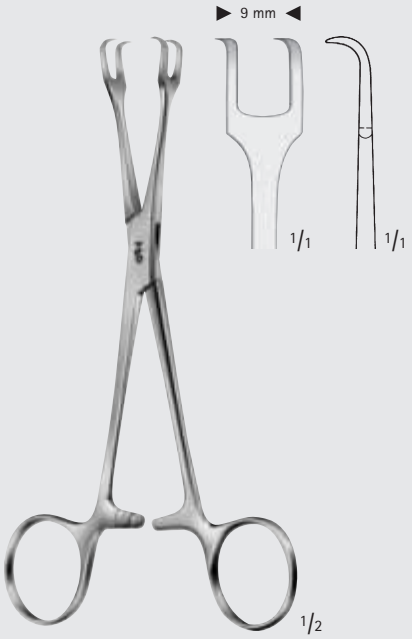
EO140R

280 mm, 11"

Uterussonden – Uterine Probes

Hakenzangen

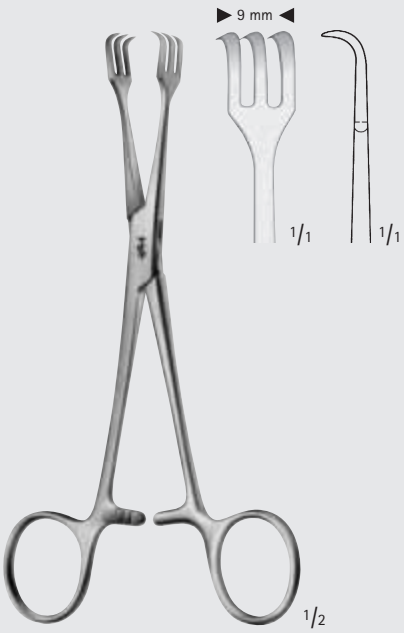
Uterine Tenaculum Forceps



LAHEY

BF309R

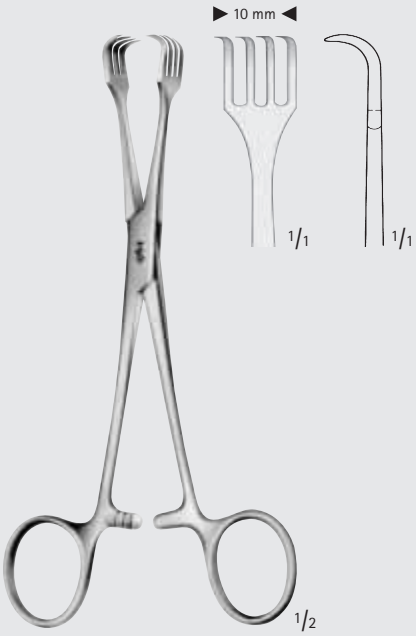
155 mm, 6"



LAHEY

BF310R

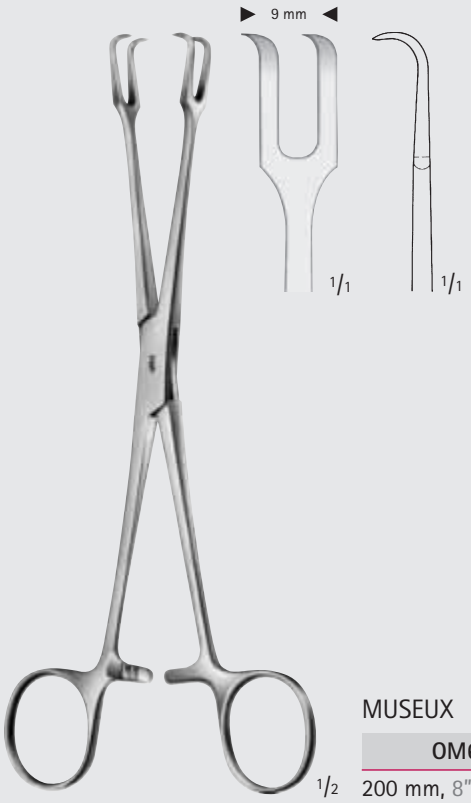
155 mm, 6"



BRAUN

BF311R

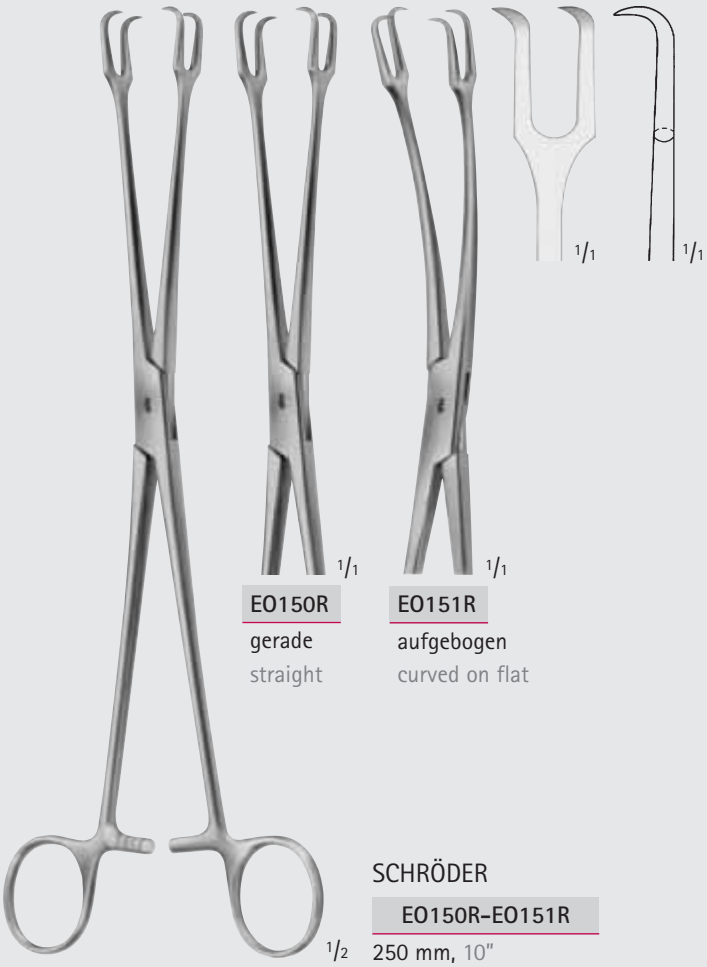
155 mm, 6"



MUSEUX

OM602R

200 mm, 8"



EO150R
gerade
straight

EO151R
aufgebogen
curved on flat

SCHRÖDER

EO150R-EO151R

250 mm, 10"

CZERNY

EO164R

200 mm, 8"

SCHRÖDER

EO163R

270 mm, 10 3/4"

Uterussonden – Uterine Probes

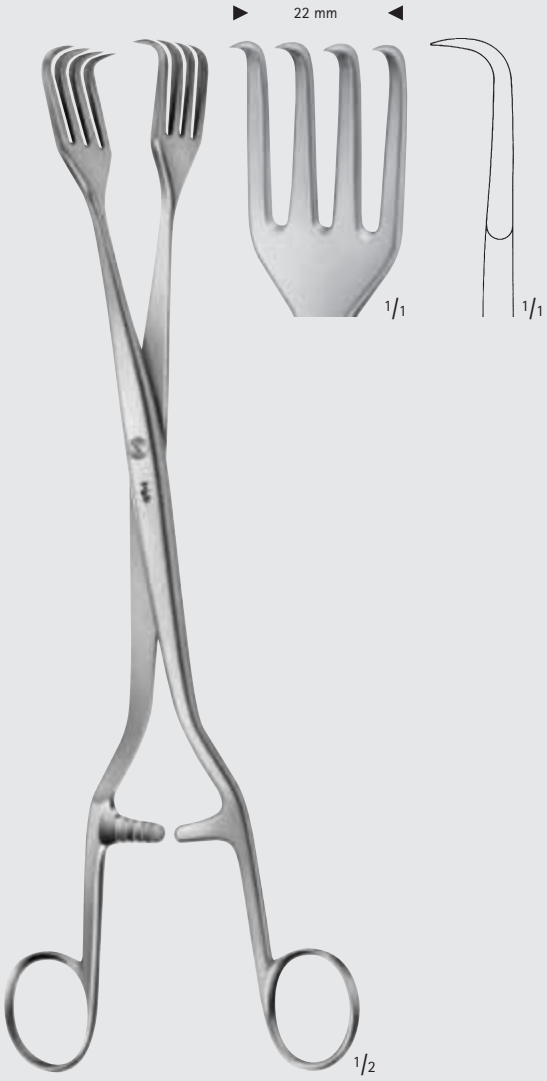
Hakenzangen

Uterine Tenaculum Forceps

AESCULAP-PRATT

EO165R

260 mm, 10 1/4"



PRATT

EO166R

270 mm, 10 3/4"

KÜSTNER

EO171R

250 mm, 10"

TEALE

EO177R

180 mm, 7"

Uterussonden – Uterine Probes

Hakenzangen

Uterine Tenaculum Forceps

TEALE

EO180R

255 mm, 9"

JACOBS

EO202R

215 mm, 8 1/2"

LITTLEWOOD

EO216R

185 mm, 7 1/4"

MUSEUX

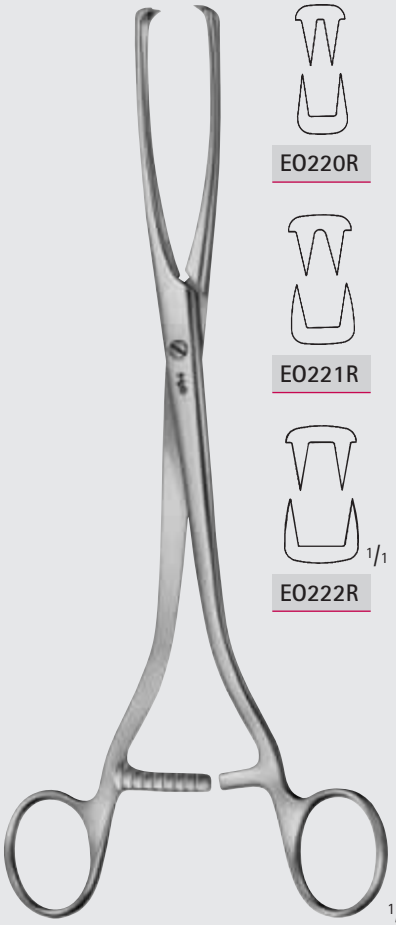
EO218R

200 mm, 8"

Uterussonden – Uterine Probes

Hakenzangen

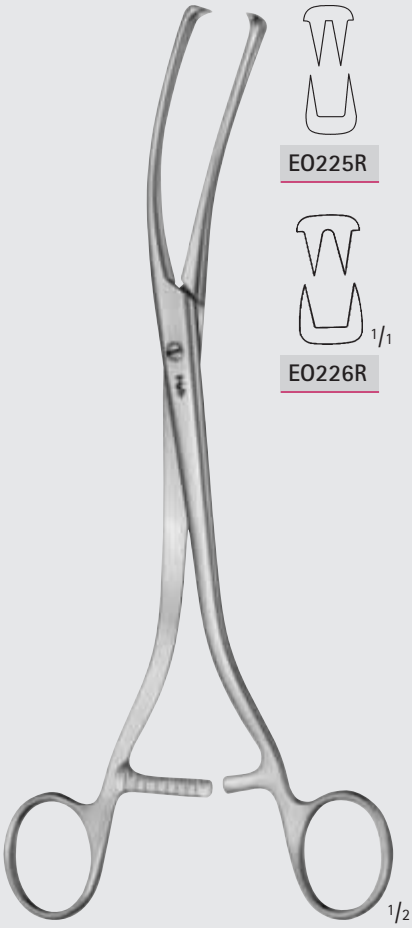
Uterine Tenaculum Forceps



MUSEUX

EO220R–EO222R

240 mm, 9 1/2"



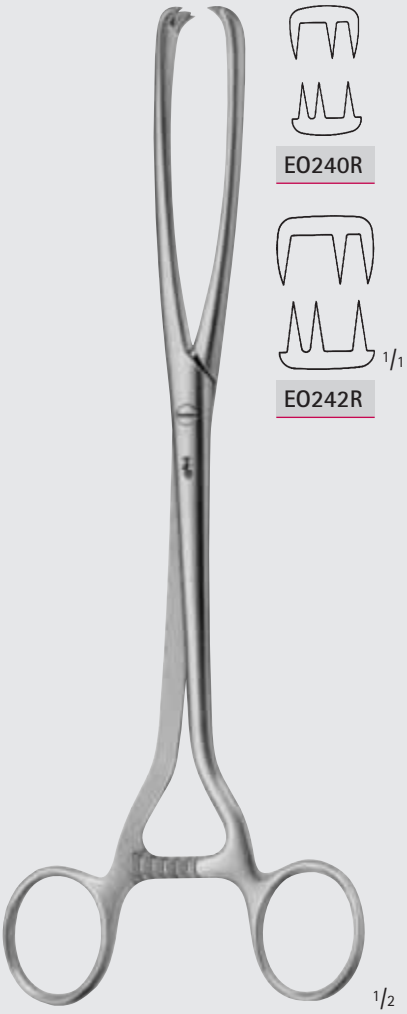
MUSEUX

EO225R–EO226R

seitwärts gebogen

curved to side

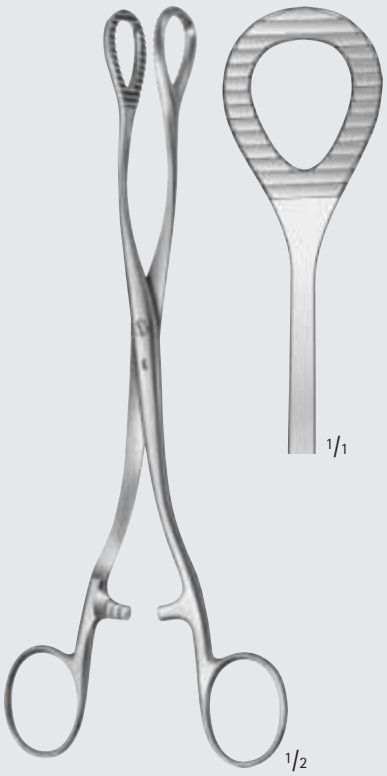
240 mm, 9 1/2"



MUSEUX

EO240R–EO242R

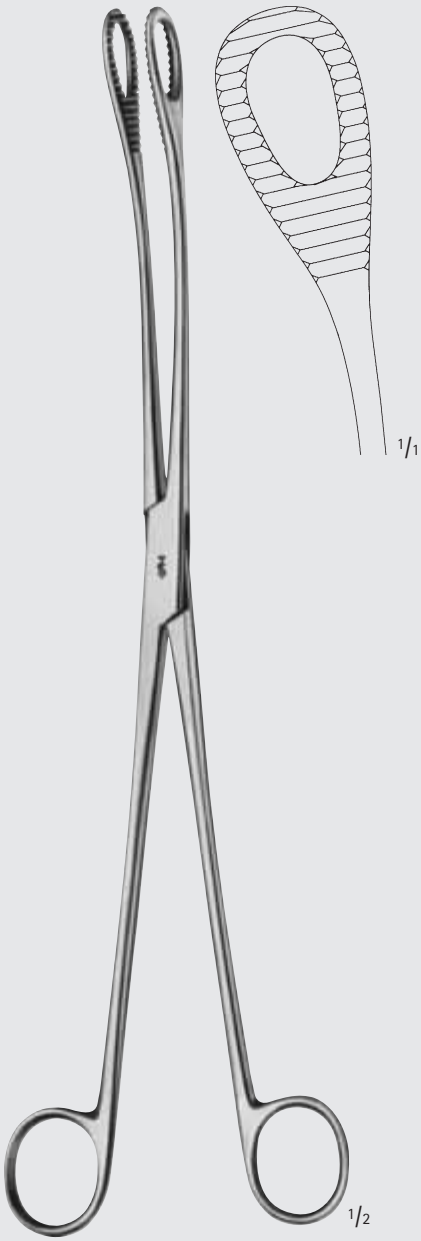
265 mm, 10 1/2"



HEYWOOD-SMITH

AN710R

200 mm, 8"



KELLY

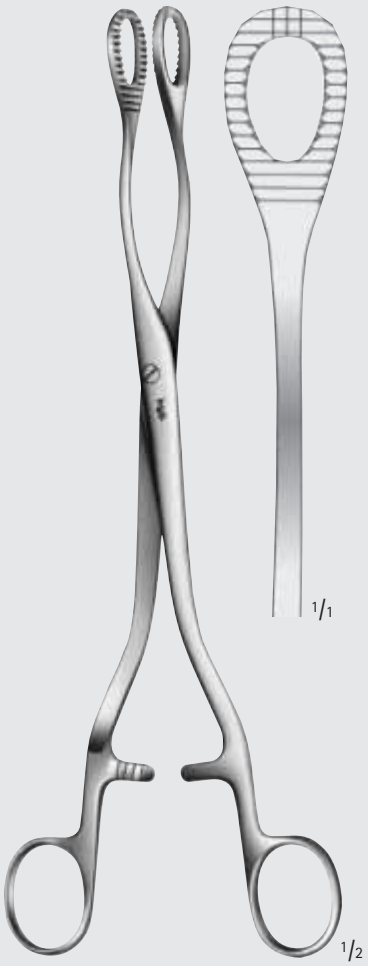
BF135R

320 mm, 12 3/4"

Uterussonden – Uterine Probes

Polypen- und Ovarienzangen

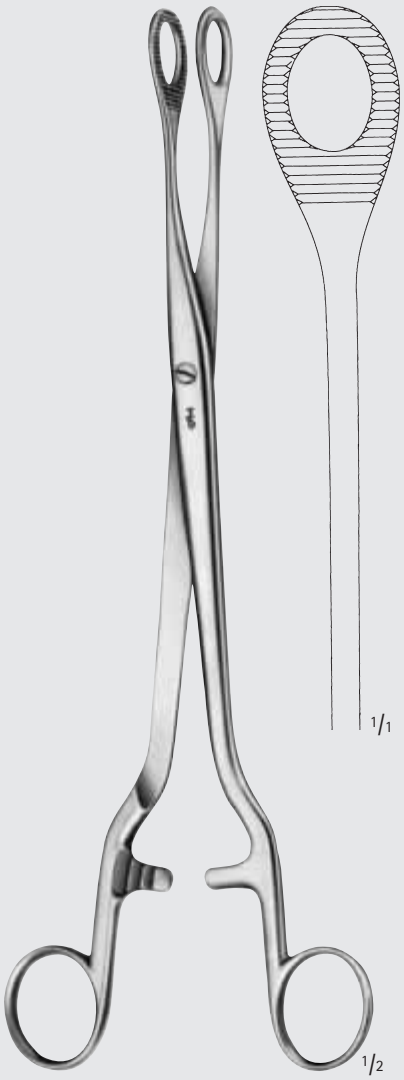
Polypus- and Ovum Forceps



HEYWOOD-SMITH

EO310R

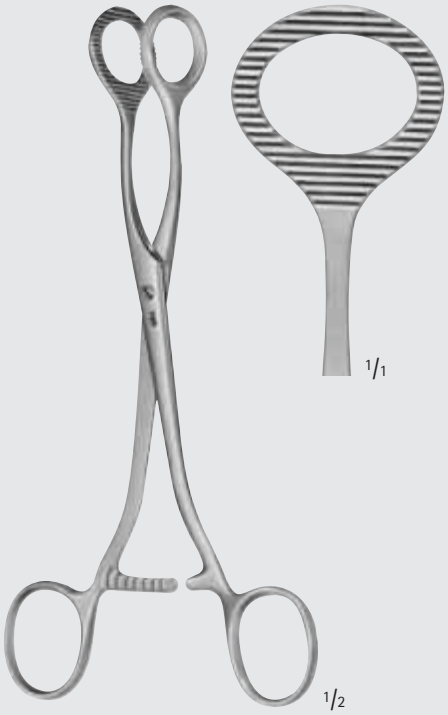
250 mm, 10"



NOTO

EO315R

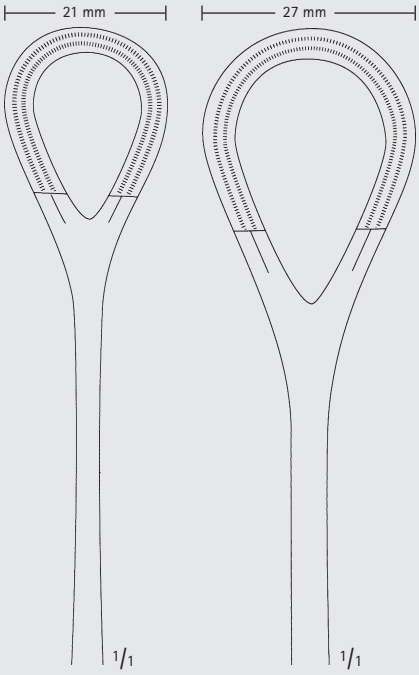
280 mm, 11"



DOYEN

EO332R
185 mm, 7 1/4"

ATRAUMATA®



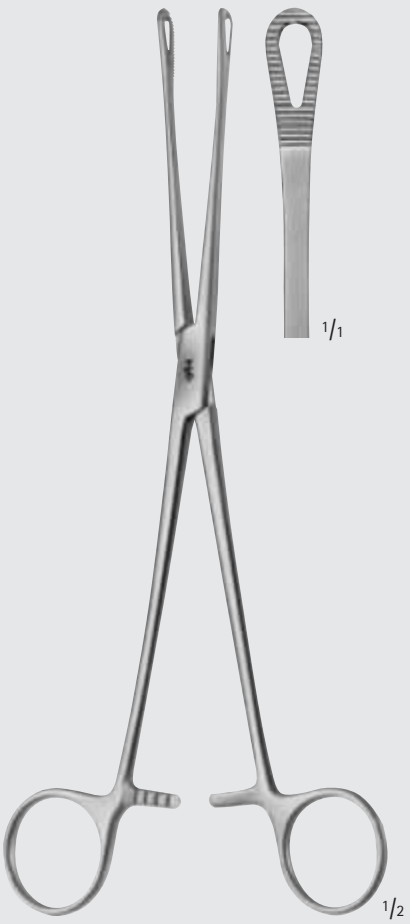
EO338R EO340R

EO338R	250 mm	10"
EO340R	270 mm	10 3/4"

Uterussonden – Uterine Probes

Polypen- und Ovarienzangen, Uterusfasszangen

Polypus- and Ovum Forceps, Uterine Elevating Forceps



BONNEY

EO342R

240 mm, 9 1/2"

COLLIN

EO300R

250 mm, 10"

COLLIN

EO405R

285 mm, 11 1/4"

DARTIGUES

EO407R

255 mm, 10"

SOMER

EO415R

235 mm, 9 1/4"

mit beweglichen Maulteilen
with movable jaws

COLLIN

EO420R

265 mm, 10 1/2"

1/2

DOYEN

EO433R

150 mm, 6"

1/2

DOYEN

EO435R

190 mm, 7 1/2"

Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation

Modified Instruments for Radical Hysterectomy

Die Austunnelung des blasennahen Ureters und das Absetzen der Parametrien sind die charakteristischen Bestandteile bei der Wertheimschen Operation. Für das Austunneln des Ureters gibt es verschiedene Vorgehensweisen. Das Risiko der Ureter-Verletzung, das allen diesen Vorgehensweisen gemeinsam ist, ist bedingt durch das wiederholte Anklemmen, 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 3/4"
BM977R	350 mm	14"

Ureterlöffel
Spoons

BJ075R	BJ076R
235 mm	350 mm
9 1/4"	14"

KIEBACK

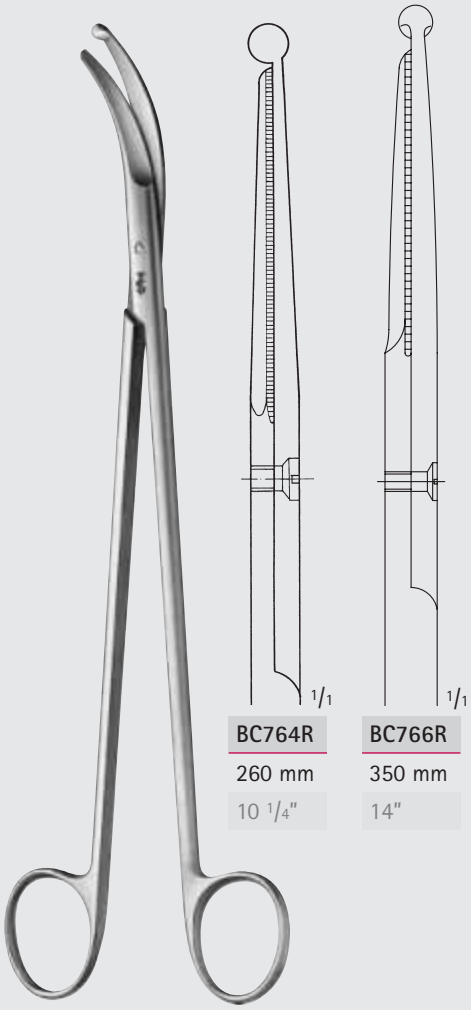
BJ075R–BJ076R

Ureter-Tunnelier-Klemmen, seitwärts gebogen
Ureteral tunnel clamps, curved to side

Uterussonden – Uterine Probes

Modifiziertes Instrumentarium für die Wertheimsche Operation

Modified Instruments for Radical Hysterectomy



BC764R	BC766R
260 mm	350 mm
10 1/4"	14"

KIEBACK

BC764R-BC766R

Parametriumscheren, seitwärts gebogen, 1 Blatt mit Knopfspitze

Parametrium scissors, curved to side, with 1 probe pointed blade

BJ560R	BJ562R
250 mm	350 mm
10"	14"

BURKE

BJ560R-BJ562R

Parametriumklemmen, kurzes Maul

Parametrium clamps, short jaw part

BJ561R	BJ563R
250 mm	350 mm
10"	14"

BURKE

BJ561R–BJ563R

Parametriumklemmen, langes Maul

Parametrium clamps, long jaw part

BC763R	BC765R
240 mm	350 mm
9 1/2"	14"

KIEBACK

BC763R–BC765R

Parametriumscheren

Parametrium scissors

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

1/1

1/1

BB540

auswechselbare Skalpellklingen, doppelschneidig

interchangeable scalpel blades, double cutting

Bestelleinheit:
PAK= Packung à 100 Stück

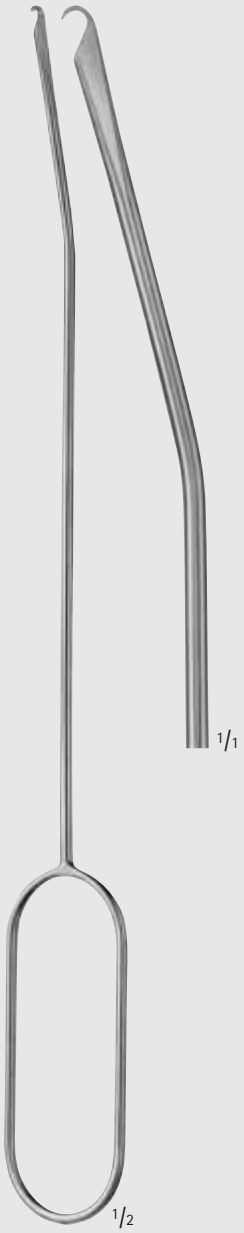
Sales unit:
PAK= Package of 100 pieces

BB079R

Skalpellgriff, winklig aufgebogen

Scalpel handle, angular curved

1/1 225 mm, 9"



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"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Biopsieküretten
Biopsy Curettes

NOVAK-SCHOECKAERT

ER011R

Endometrium-Biopsiekürette
Endometrial biopsy curette
240 mm, 9 1/2"

RANDALL

ER012R

Endometrium-Biopsiekürette
Emdometrial biopsy curette
240 mm, 9 1/2"

MOD. BERLIN

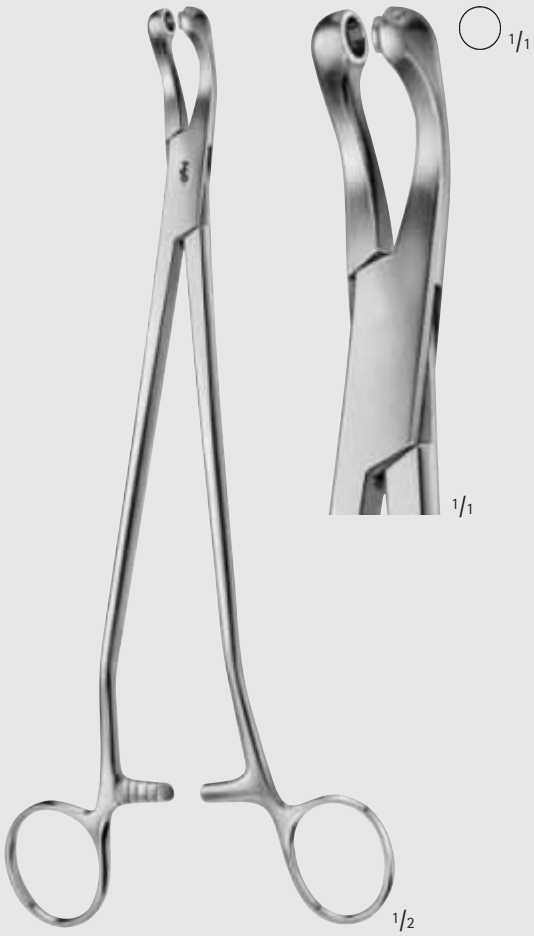
ER015R

Endometrium-Strichkürette
Endometrial biopsy curette
270 mm, 10 3/4"

MOD. MÜNCHEN

ER016R

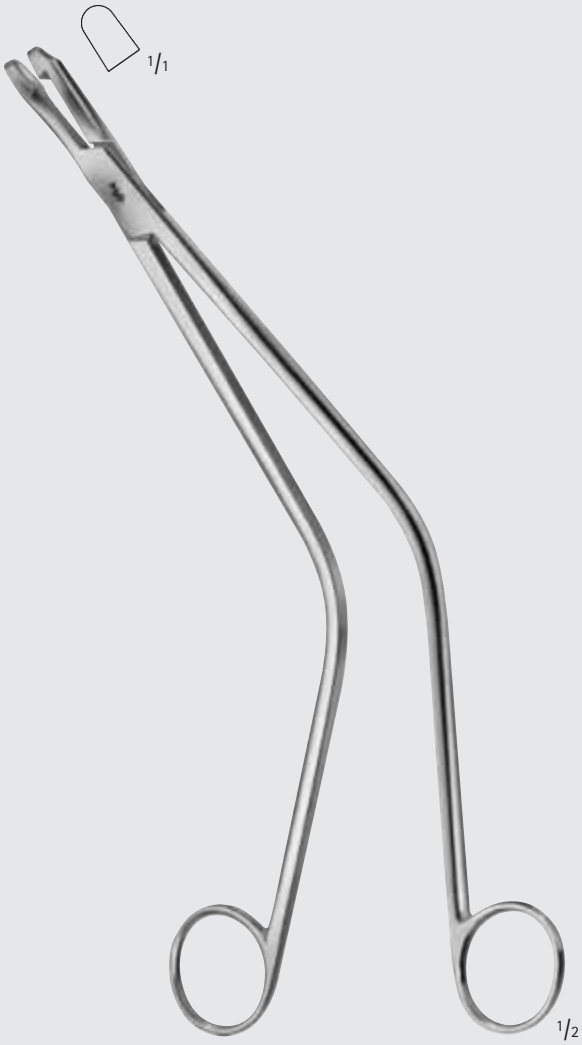
Endometrium-Strichkürette
Endometrial biopsy curette
270 mm, 10 3/4"



THOMS-GAYLOR

ER050R

240 mm, 9 1/2"



SCHUBERT

ER058R

260 mm, 10 1/4"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

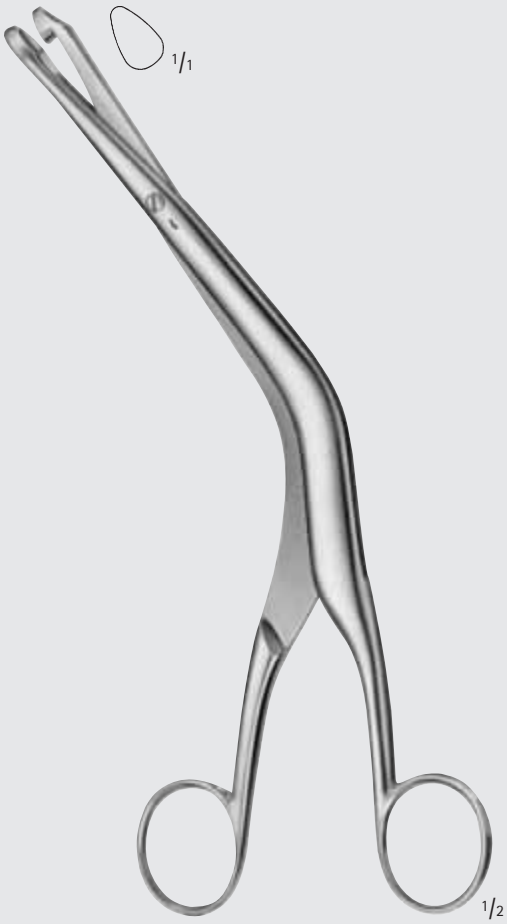
Biopsiezangen

Biopsy Forceps

FAURE

ER054R

210 mm, 8 1/4"



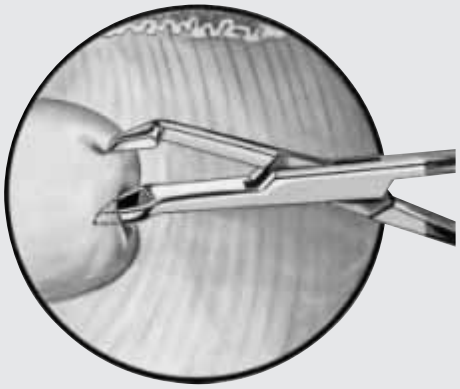
FAURE

ER055R

240 mm, 9 1/2"

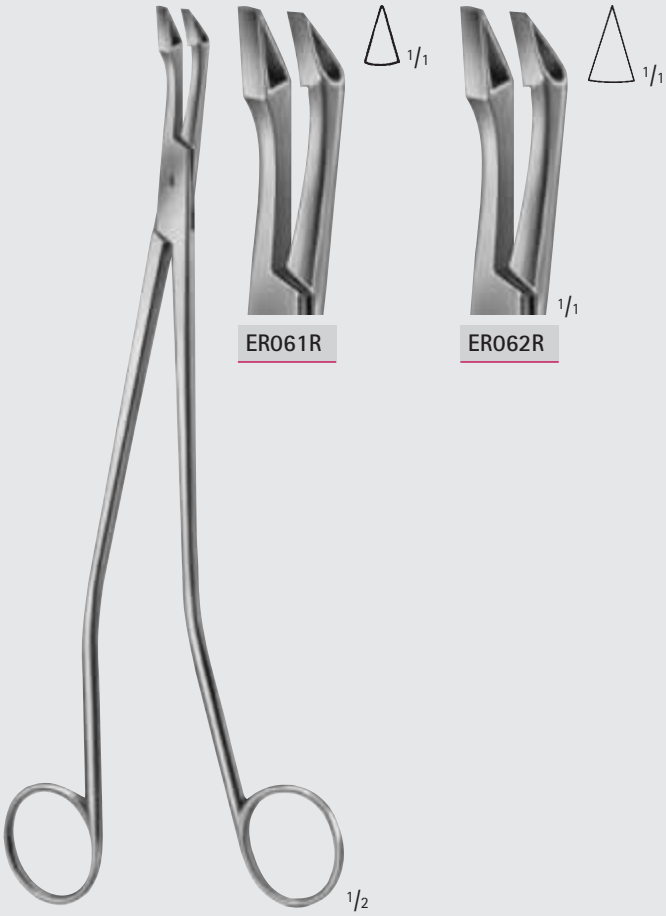
Vorteile der SCHUMACHER-Zangen:
- Sicheres Erfassen des Gewebes aufgrund des Anhakeeffekts.
- Großer Öffnungswinkel.
- Glatter, ziehender Schnitt.
- Proben werden nicht gequetscht.
- Nicht schmerzhaft, selbstschließende Wunde, gute Heilung.

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.



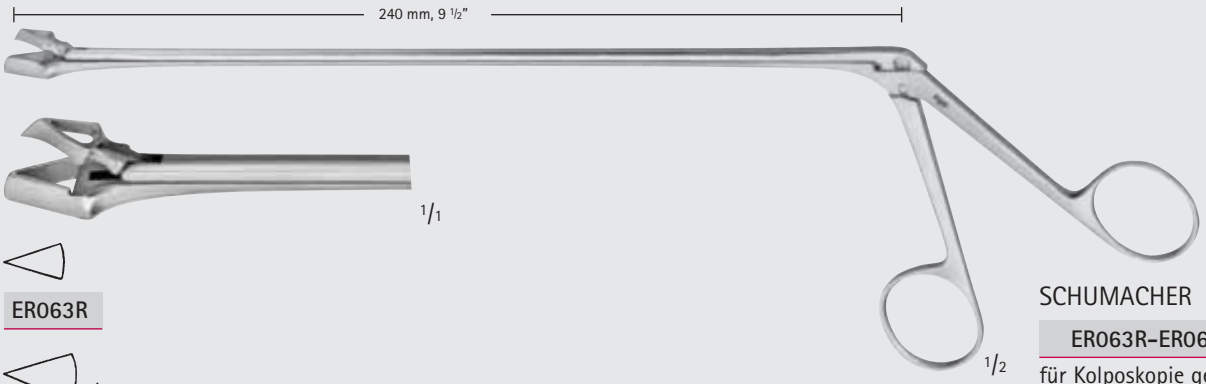
ER061R

ER062R

SCHUMACHER

ER061R-ER062R

240 mm, 9 1/2"



ER063R

ER064R

SCHUMACHER

ER063R-ER064R

für Kolposkopie geeignet

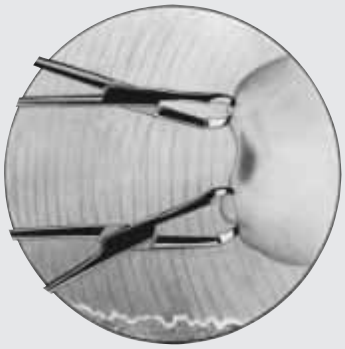
suitable for colposcopy

240 mm, 9 1/2"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

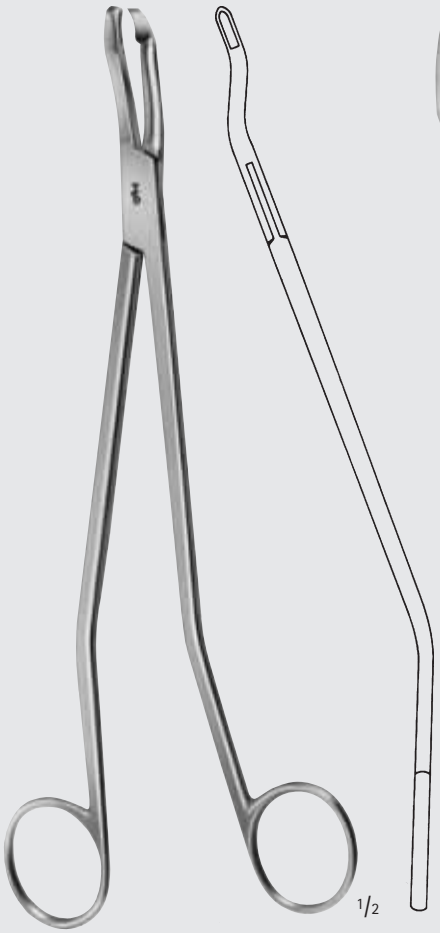
Biopsiezangen

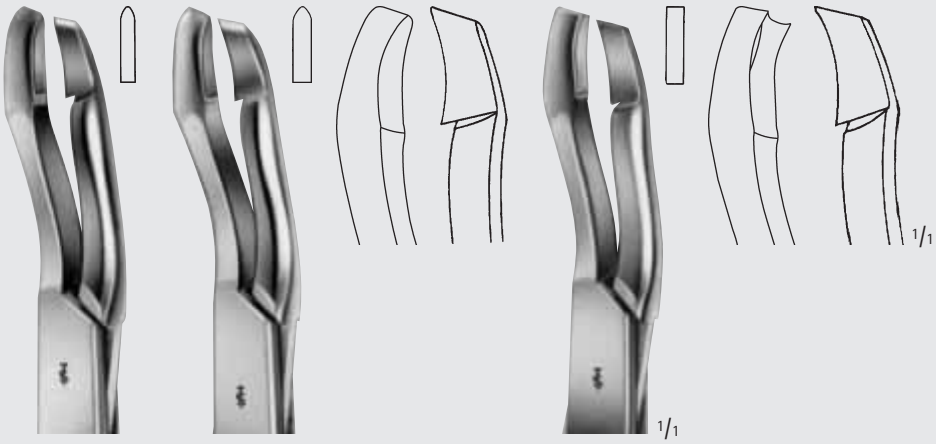
Biopsy Forceps



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.





ER072R
2,0 mm

ER073R
2,4 mm

ER076R
2,4 mm

SEIDL DBP

ER072R-ER076R

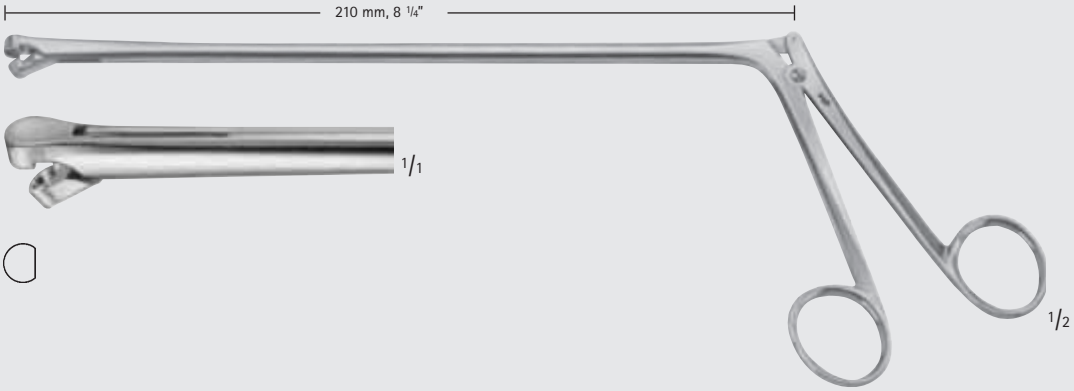
Biopsiezangen, bajonettförmig, für Portio, Vagina und Vulva

Biopsy forceps, bayonet-shaped, for portio, vagina and vulva

240 mm, 9 1/2"

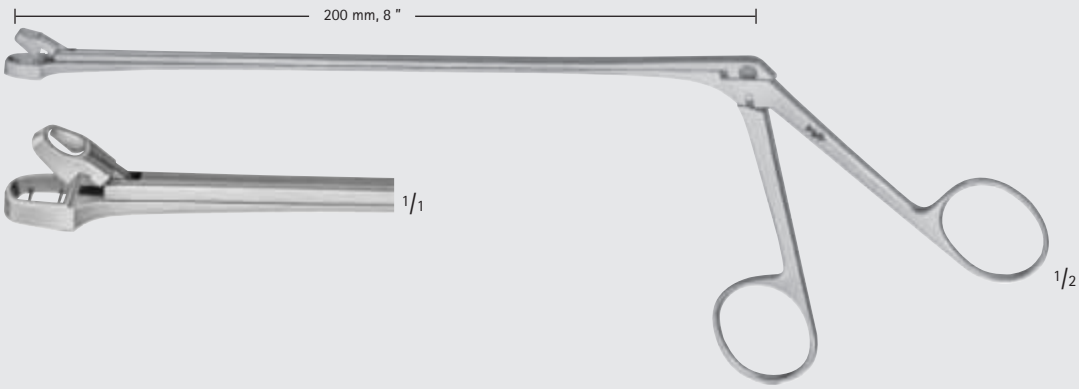
- Es stehen zwei Maulformen zur Verfügung:
  a) Gotische Form (verursacht weniger Blutung), 2,0 bzw. 2,4 mm breit
  b) Rechteckige Form, 2,4 mm breit
- Die glatte, senkrechte Schnittführung durch Epithel und Bindegewebe ermöglicht eine optimale histologische Untersuchung. Das PE-Stück wird seitlich auf 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.



BERGER

ER066R



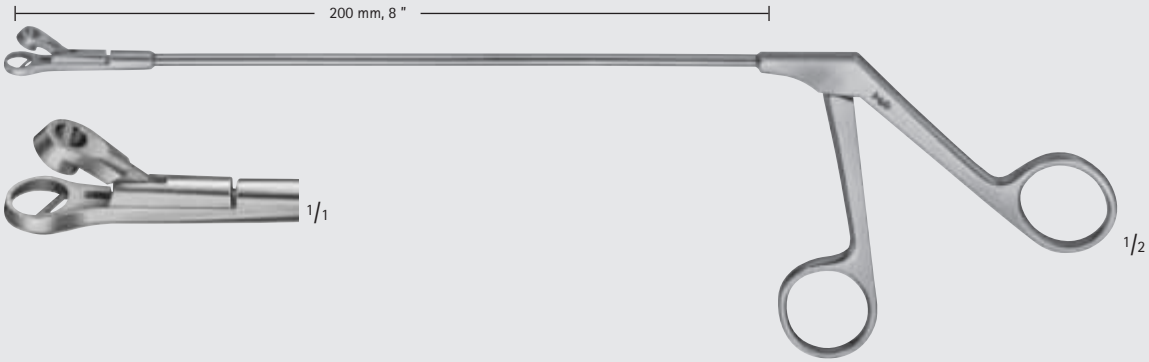
EPPENDORF

ER070R

für Kolposkopie geeignet

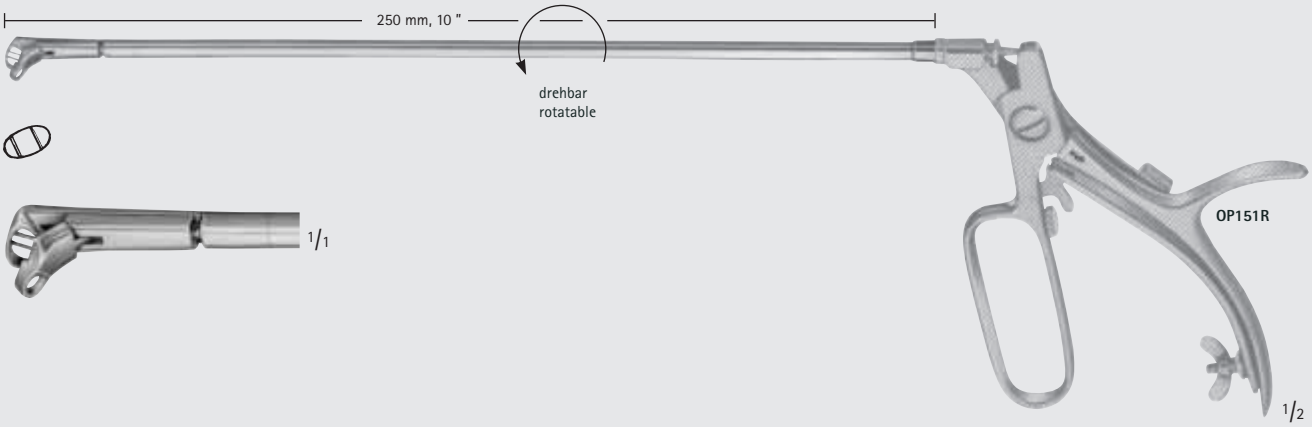
suitable for colposcopy

ER



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

INCHES

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

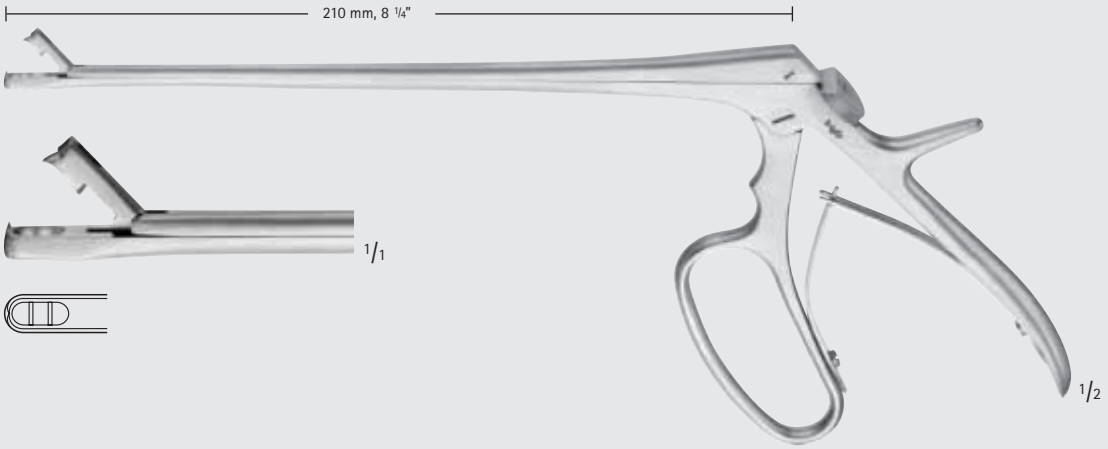
Biopsie-Aufsätze
Biopsy attachments

SCHUMACHER

OP230R

Biopsie-Aufsatz
mit ziehendem Schnitt
Biopsy attachment
with cut beginning from
the top

ER



TISCHLER

ER068R

Fig. 1 — ER101R — 6,8 mm

Fig. 2 — ER102R — 8,5 mm

Fig. 3 — ER103R — 10 mm

Fig. 4 — ER104R — 11,5 mm

Fig. 5 — ER105R — 13 mm

Fig. 6 — ER106R — 14,5 mm

1/1

1/2

SIMON

ER101R–ER106R

max. 240 mm, 9 1/2"

Fig. 1 — ER111R — 6,8 mm

Fig. 2 — ER112R — 8,5 mm

Fig. 3 — ER113R — 10 mm

Fig. 4 — ER114R — 11,5 mm

Fig. 5 — ER115R — 13 mm

Fig. 6 — ER116R — 14,5 mm

1/1

1/2

SCHRÖDER

ER111R–ER116R

max. 310 mm, 12 3/8"

ER126R — 6 mm

ER128R — 8 mm

ER130R — 10 mm

ER132R — 12 mm

ER134R — 14 mm

1/1

1/2

GOURDET

ER126R–ER134R

stumpf

blunt

280 mm, 11"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten

Uterine Curettes

RECAMIER

ER219R–ER230R

scharf-fest

sharp-rigid

ER241R–ER248R

scharf-biegsam

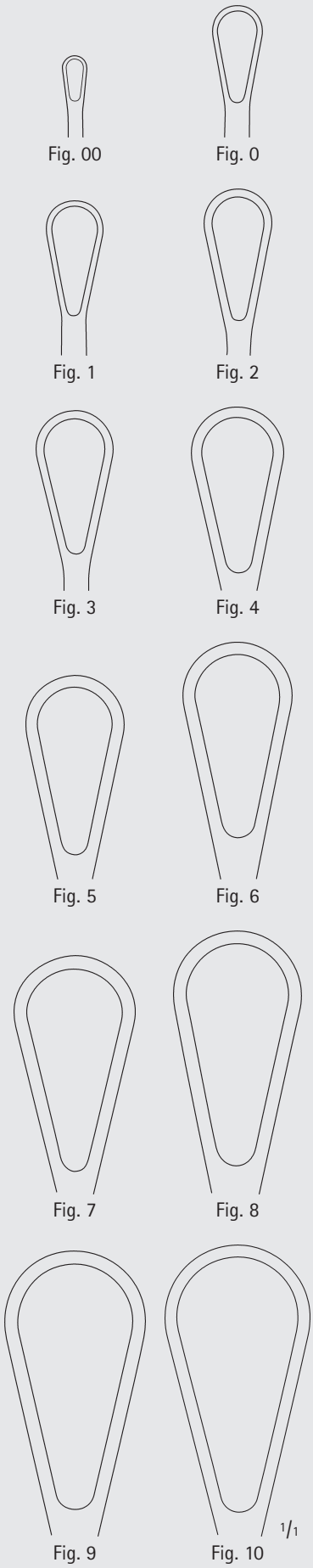
sharp-malleable

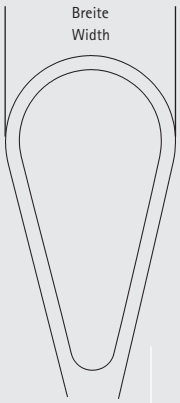
ER320R–ER330R

stumpf-fest

blunt-rigid

max. 300 mm, 12"





		scharf sharp		stumpf blunt
Fig.	Breite Width	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

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

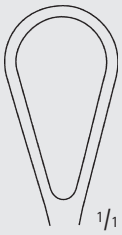
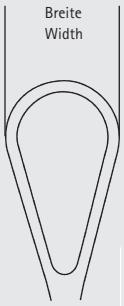


Fig. 6



SIMS

ER401R–ER406R
scharf-fest
sharp-rigid

ER411R–ER416R
scharf-biegsam
sharp-malleable
max. 255 mm, 10"

ER421R–ER426R
stumpf-fest
blunt-rigid

		scharf sharp		stumpf blunt
Fig.	Breite Width	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

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Uterusküretten

Uterine Curettes

Fig. 0

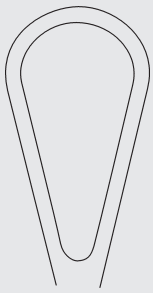


Fig. 1

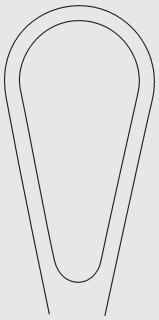


Fig. 2

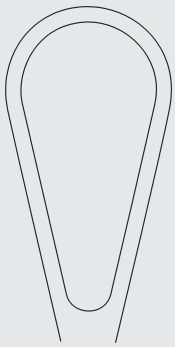


Fig. 3

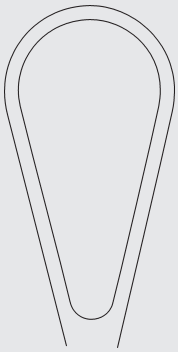


Fig. 4

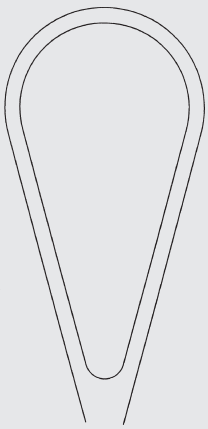


Fig. 5

1/2

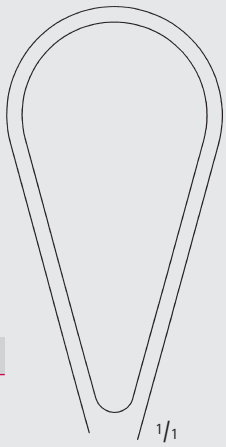
BUMM

ER520R–ER526R

stumpf-biegsam

blunt-malleable

max . 290 mm, 11 1/2"



1/1

Fig. 6

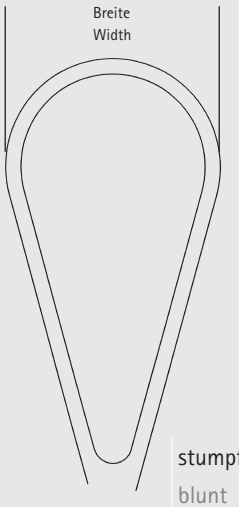


Fig.	Breite Width	stumpf blunt biegsam malleable
0	16,0 mm	ER520R
1	18,0 mm	ER521R
2	19,5 mm	ER522R
3	21,5 mm	ER523R
4	23,5 mm	ER524R
5	26,0 mm	ER525R
6	28,5 mm	ER526R

BLAKE

ER585R

275 mm, 10 3/4"

COLLIN

ER580R

300 mm, 12"

HEANEY

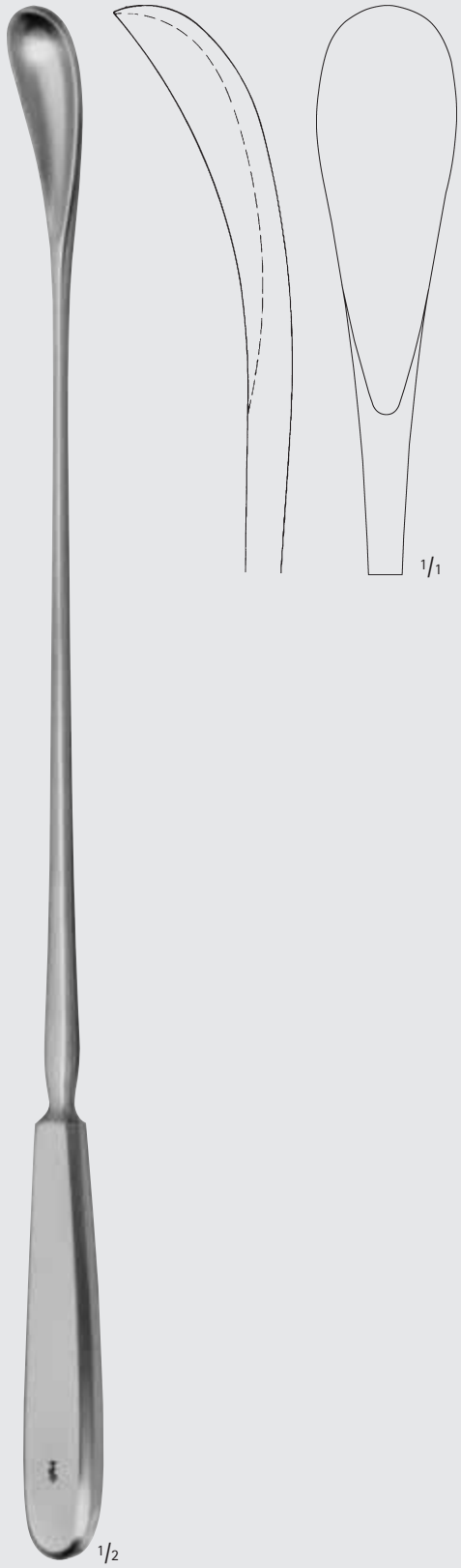
ER025R

240 mm, 9 5/8"

Biopsie- und Kürettage-Instrumente – Biopsy Instruments and Curettes

Plazentar- und Abortuslöffel

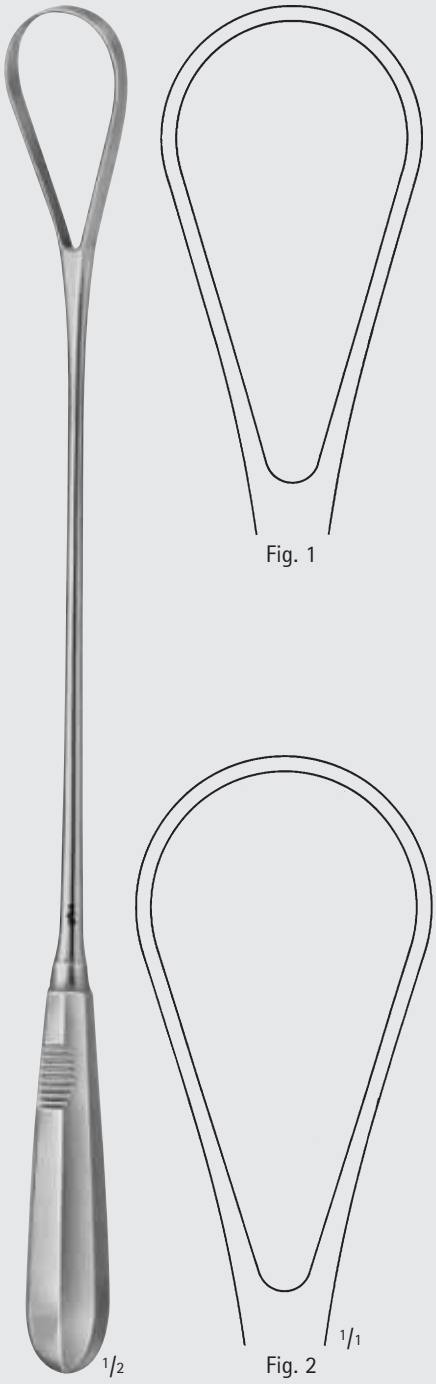
Placenta- and Ovum Scoop



WALLICH

ER602R

420 mm, 16 3/4"

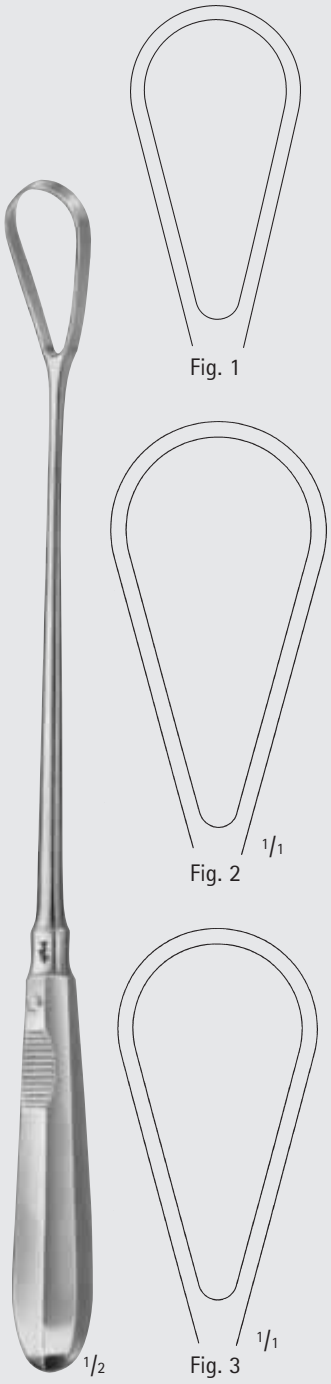


RECAMIER

ER611R–ER612R

stumpf-fest
blunt-rigid
max. 360 mm, 14 3/8"

Fig.	Breite Width	stumpf blunt fest rigid
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 biegsam malleable	stumpf blunt 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

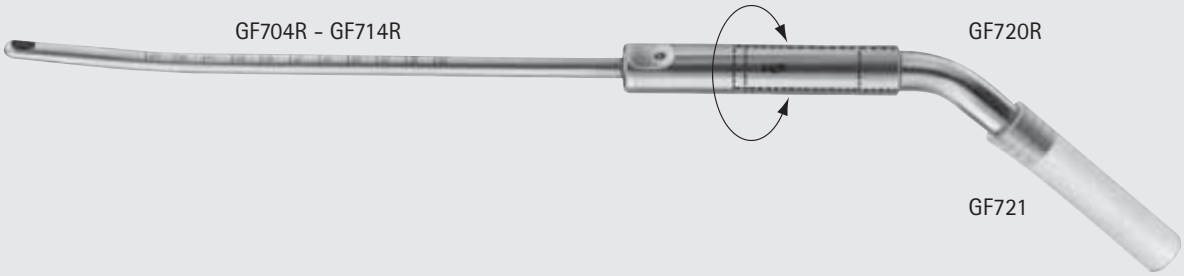
Vakuumküretten

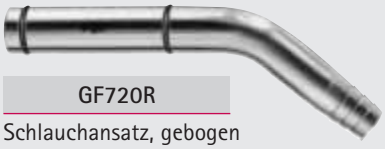
Vacuum Curettes

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 vaccum curettage, fitting hose connection GF720R.
Working tips are smoothly rounded off, therefore no danger of perforation.

	Ø diam.
GF704R	4 mm (zur Saugbiopsie geeignet) (suitable for suction biopsy)
GF706R	6 mm
GF708R	8 mm
GF710R	10 mm
GF712R	12 mm
GF714R	14 mm





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)

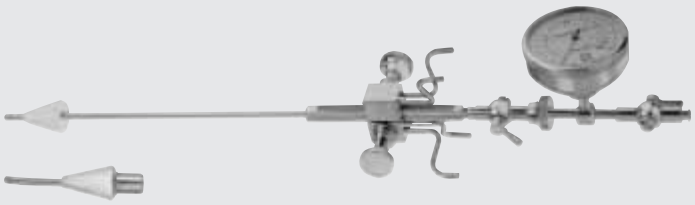
Die Verbindung zwischen Saugküretten und Schlauchansatz GF720R gewährleistet schnelles Wechseln und freies Drehen der Saugküretten auf dem Schlauchansatz.

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.



ER826C

ER827C

1/2

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

1/2

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

1/2

1/1

ER871R	ER872R	ER873R
klein	mittel	groß
small	medium	large
Ø 10 x 25 mm	Ø 13 x 30 mm	Ø 16 x 30 mm
diam. 10 x 25 mm	diam. 13 x 30 mm	diam. 16 x 30 mm

LEECH-WILKINSON

ER871R–ER873R

265 mm, 10 1/2"

1/2

SPACKMAN

ER874R

mit Befestigungsplatte für Hakenzange verstellbar

with adjustable plate for vulsellum forceps

360 mm, 14 1/4"

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

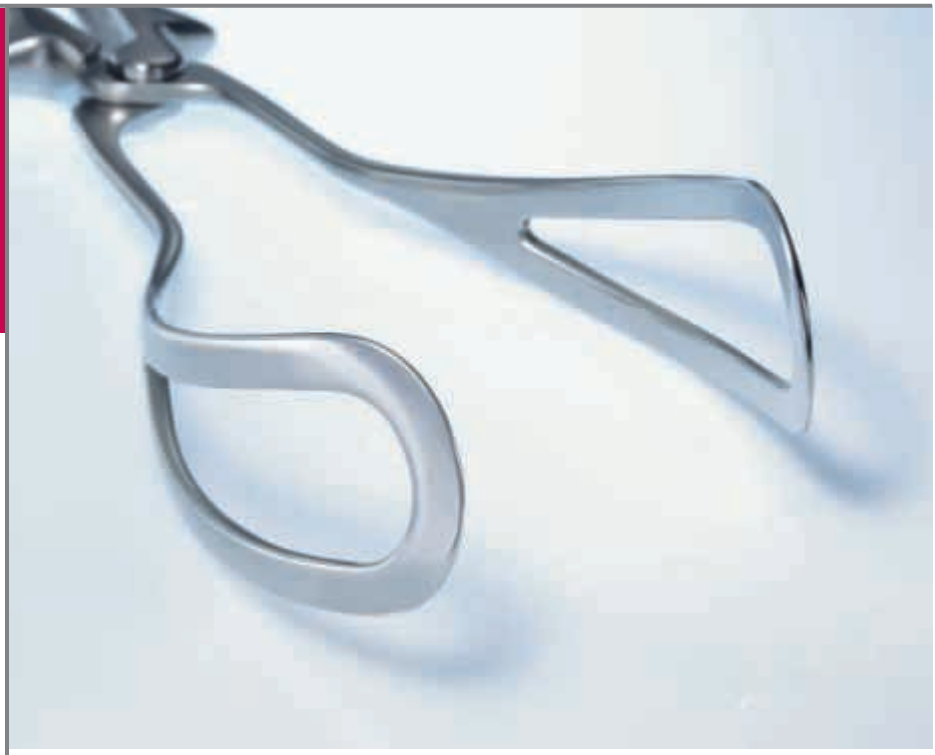
ER867R

Spülkatheter
Ø 5 mm

Irrigation cannula
diam. 5 mm

200 mm, 8"

ET



Geburtshilfe
Obstetrics

Geburtshilfe – Obstetrics

Beckenzirkel

Pelvimeters

1/2

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

1/3

MARTIN

ET073R

mit Zentimetereinteilung

graduated in centimeters

1/3

SCHMELZ

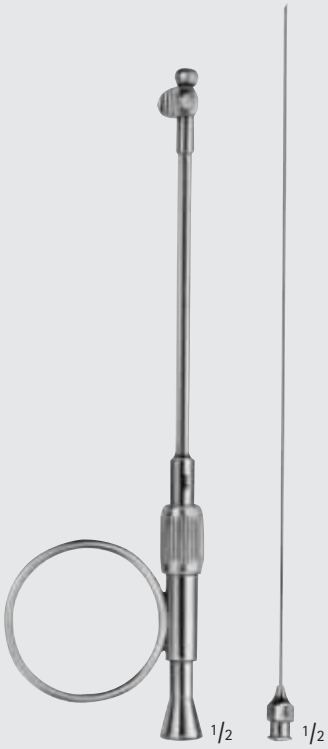
ET002

Rechenscheibe

Gestation calculator

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

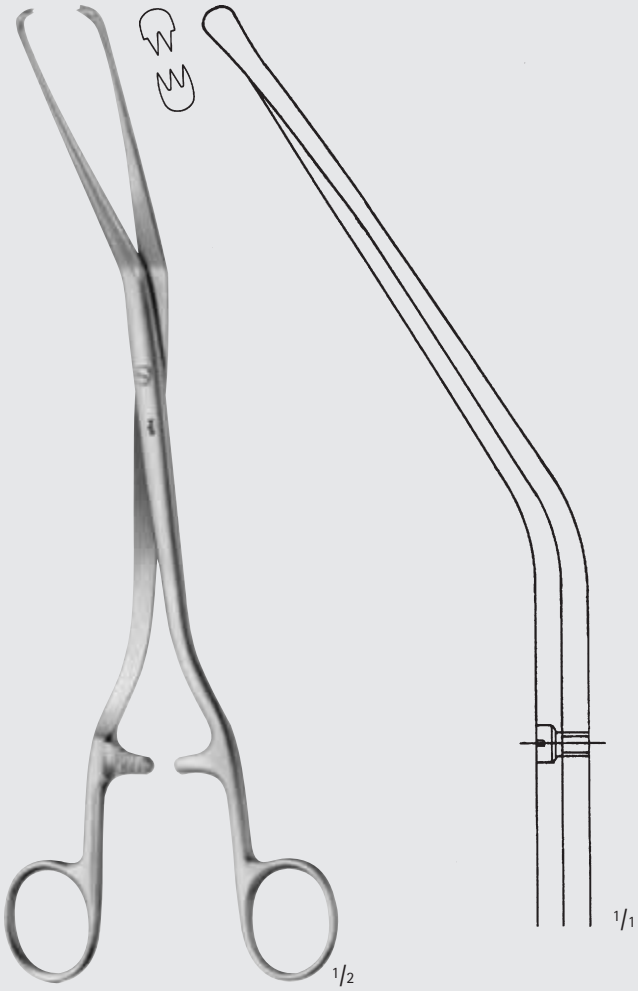
BEACHAM

ET102R

Amniotom

Amniotome

240 mm, 9 1/2"



HERFF

ET106R

Blasensprenger

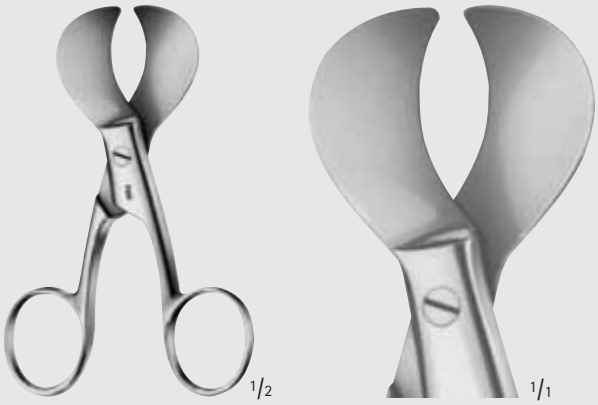
Membrane puncturing forceps

255 mm, 10"

SCHUHMACHER

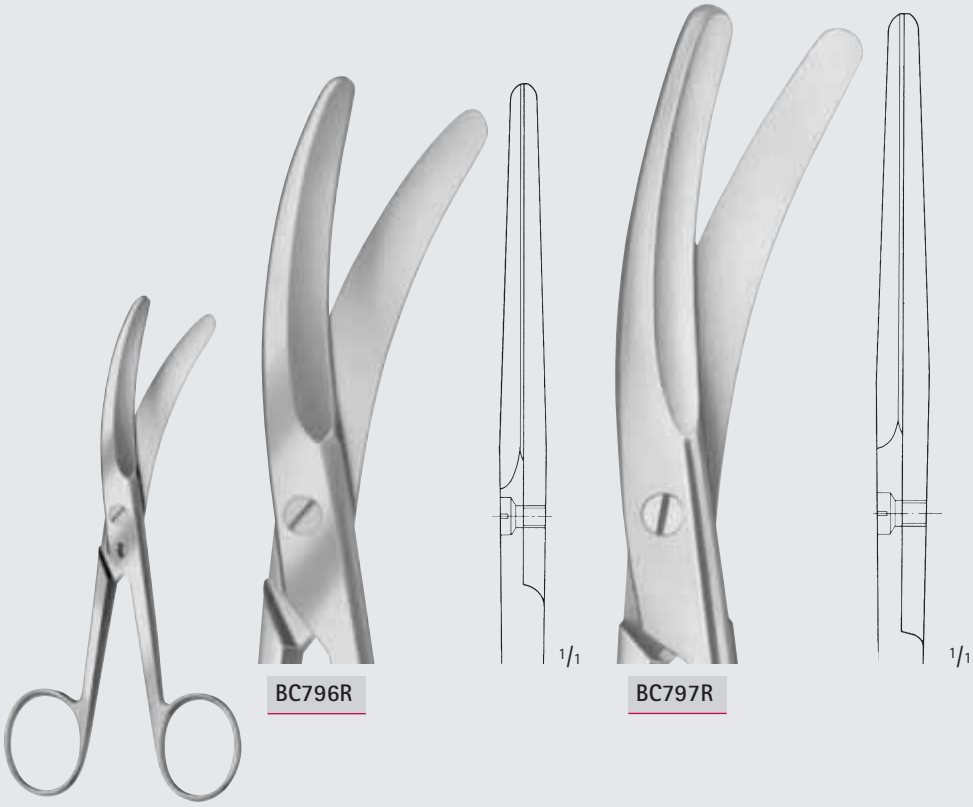
ET150R

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"

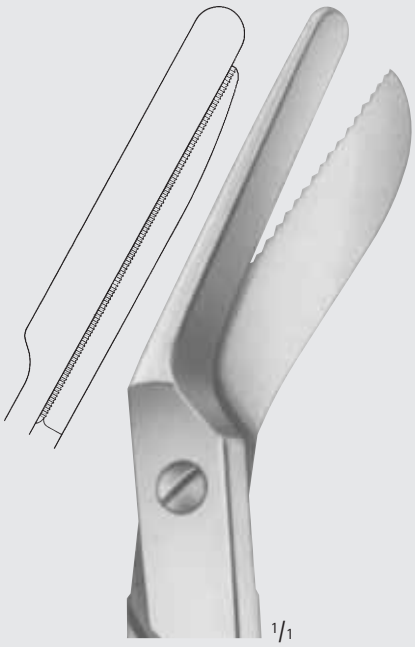
Nabelschnurscheren
Umbilical cord scissors

Geburtshilfe – Obstetrics

Dammscheren, Nabelschnurdilatator, Nabelschnurklemme

Episiotomy Scissors, Umbilical Dilator, Umbilical Cord Clamp

ET140R



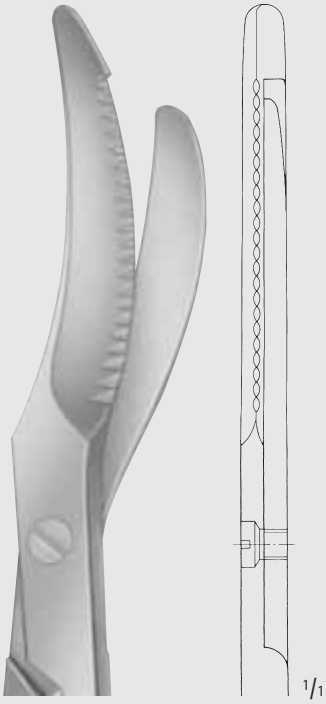
ET141R

BRAUN-STADLER

ET140R	145 mm	5 3/4"
ET141R	200 mm	8"

Dammscheren

Episiotomy scissors



ET142R

Dammschere

Episiotomy scissors

240 mm, 9 1/2"

ET130R

Nabelschnurdilatator

Umbilical dilator

95 mm, 3 3/4"

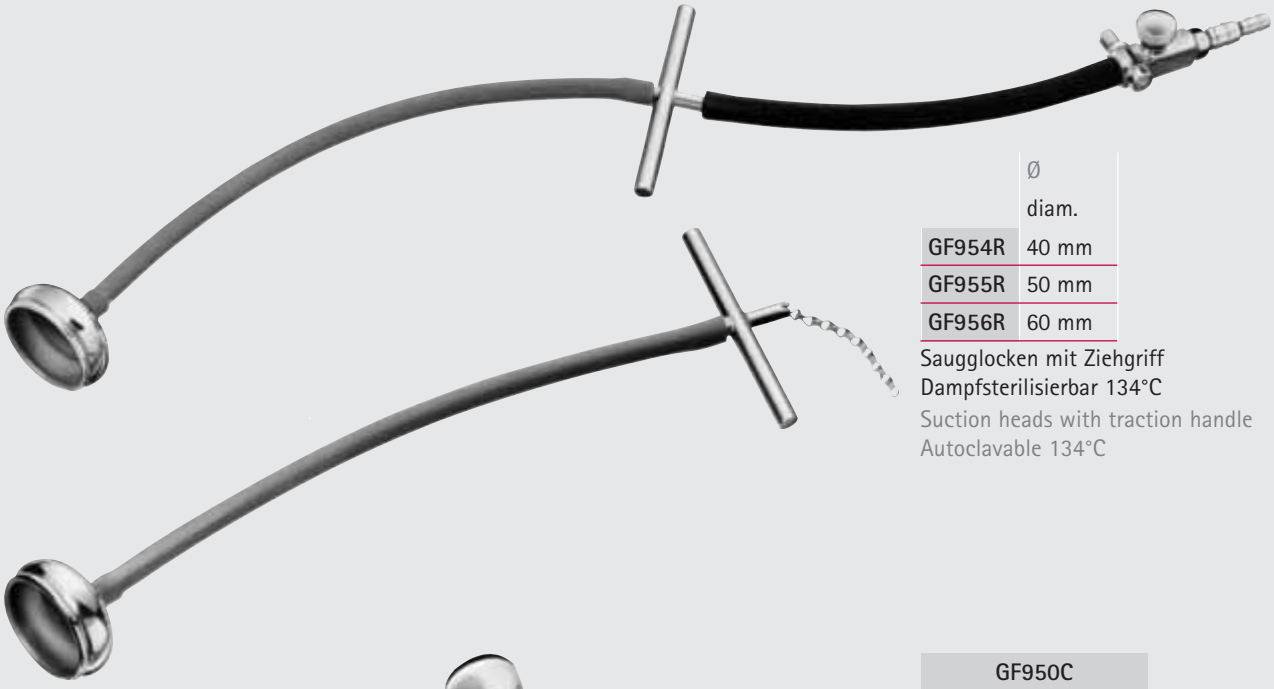
COLLIN

ET160R

Nabelschnurklemme

Umbilical cord clamp

85 mm, 3 3/8"



	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.

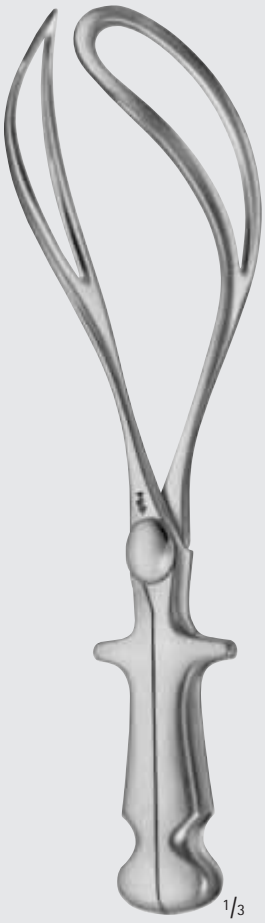
Funktionsweise: Das benötigte Vakuum ist durch die Regulierschraube beliebig voreinstellbar und veränderbar und besteht bis zum geschlossenen Stoppschieber. Sobald man den Stoppschieber öffnet, d.h. von links nach rechts drückt, wird die aufgesetzte Saugglocke unmittelbar unter das eingestellte Vakuum 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

ET



1/3

NÄGELE

ET205R

355 mm, 14 1/8"

1/3

KIELLAND

ET210R

420 mm, 16 3/4"

1/3

SIMPSON-BRAUN

ET220R

305 mm, 12"

1/3

SIMPSON-BRAUN

ET221R

350 mm, 14"

1/3

PIPER

ET237R

für nachkommenden Kopf bei Steißlagen

for delivery of the after coming head in breech presentation

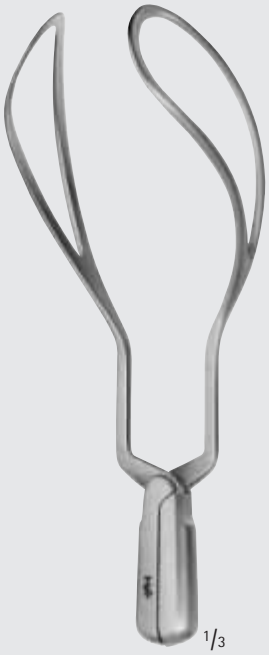
445 mm, 17 1/2"

ET

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"

1/3

TARNIER

ET251R

mit Achsenzugvorrichtung

with traction rod

400 mm, 16"

1/3

BARNES-NEVILLE

ET255R

mit Zugvorrichtung

with traction handle

435 mm, 17"

Geburtshilfe – Obstetrics

Geburtslöffel, Uterus-Klemmzange

Obstetrics Lever, Caesarean Section Hemostatic Forceps

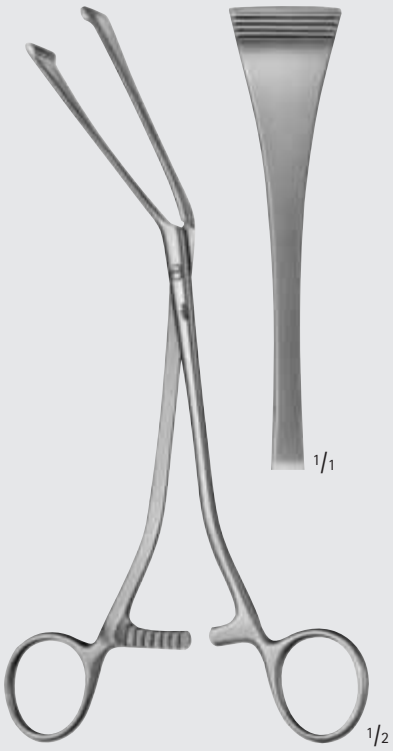
SELLHEIM

ET270R

Geburtslöffel

Obstetric lever

300 mm, 12"



GREEN-ARMYTAGE

ET268R

Uterus-Klemmzange, abgewinkelt, zur Blutstillung an den Schnitträndern 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"

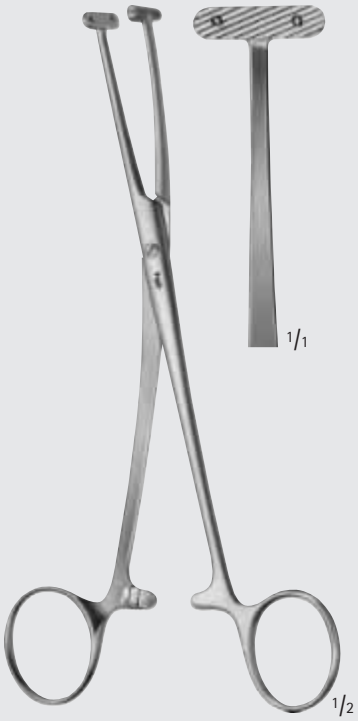
GREEN-ARMYTAGE

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 3/4"



WILLETT

FF011R

Kopfschwartenzange

Scalp flap forceps

185 mm, 7 1/4"

Geburtshilfe – Obstetrics

Plazentar- und Abortuszangen

Plazenta- and Ovum Forceps

1/1

Fig. 1 Fig. 2

ET301R ET302R

1/2

WINTER

ET301R–ET302R

290 mm, 11 1/2"

1/1

Fig. 1 Fig. 2 Fig. 3

ET306R ET307R ET308R

1/2

WINTER

ET306R–ET308R

290 mm, 11 1/2"

1/1

Fig. 2 Fig. 3

ET315R ET316R

1/2

WINTER

ET315R–ET316R

mit Sperre

with ratchet

290 mm, 11 1/2"

SAENGER

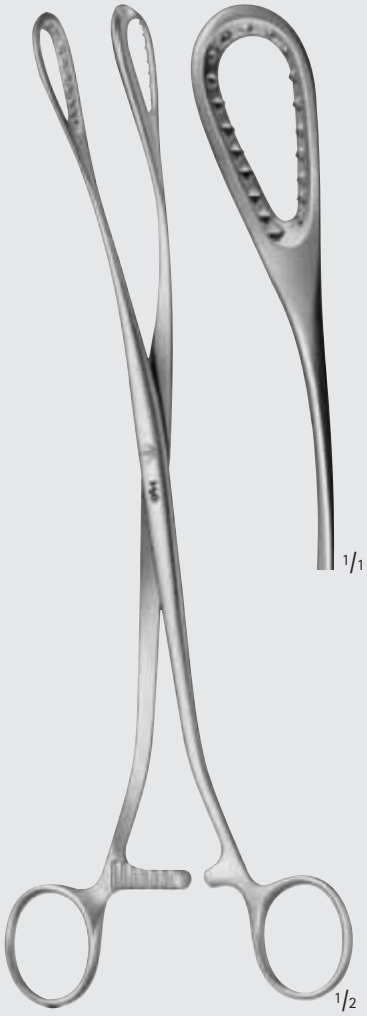
ET325R

285 mm, 11 1/4"

SAENGER

ET326R

275 mm, 10 3/4"



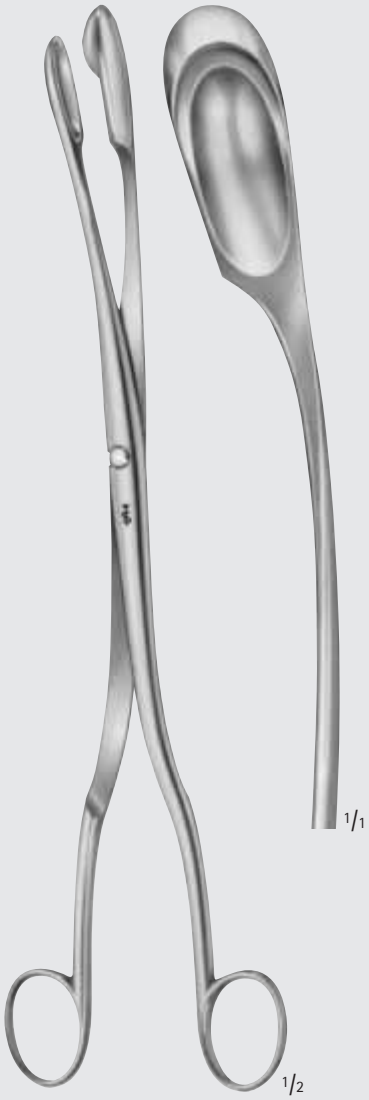
SAENGER

ET327R

265 mm, 10 1/2"

ET

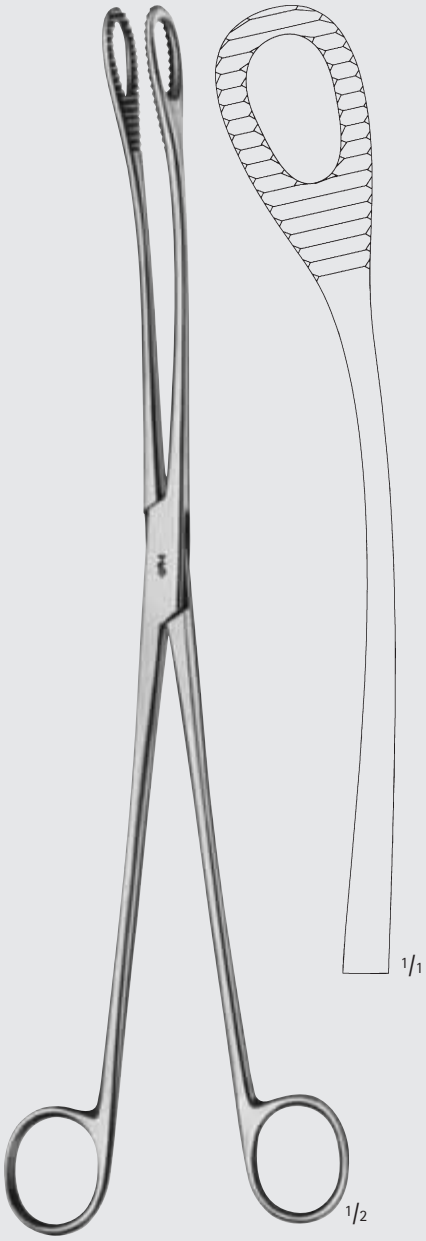
mit Schutzklappe
with protecting cap



AESCULAP

ET320R

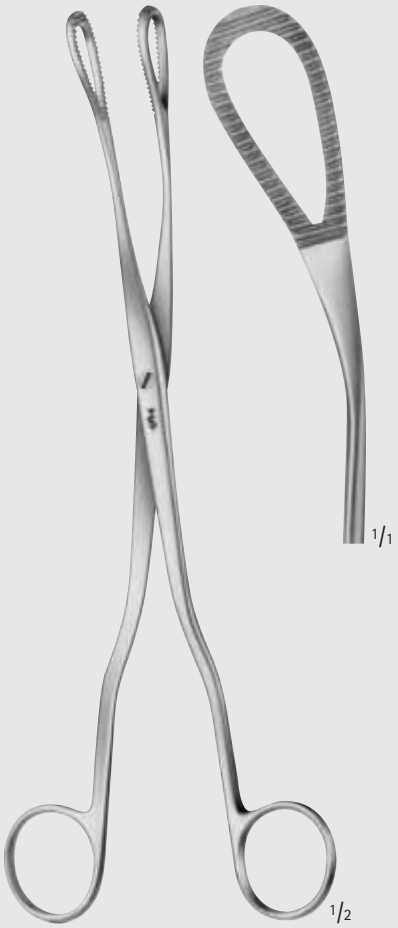
285 mm, 11 1/4"



KELLY

BF135R

320 mm, 12 3/4"



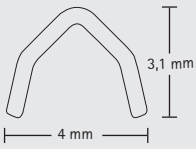
MC CLINTOCK

ET329R

240 mm, 9 1/2"

FB

Herz-, Thorax- und Gefäß-Chirurgie
Cardiovascular- and Thoracic Surgery



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"

FB223R
25°

FB226R
65°

FB223R–FB226R

Clipanlegezangen
small (gelb)

Clip appliers
small (yellow)

200 mm, 8"

FB224R
25°

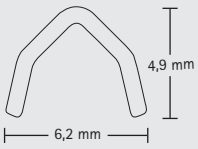
FB227R
65°

FB224R–FB227R

Clipanlegezangen
small (gelb)

Clip appliers
small (yellow)

280 mm, 11"



1/1

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"

FB235R
25°

FB238R
65°

FB235R–FB238R

Clipanlegezangen
medium (blau)

Clip appliers
medium (blau)

200 mm, 8"

FB236R
25°

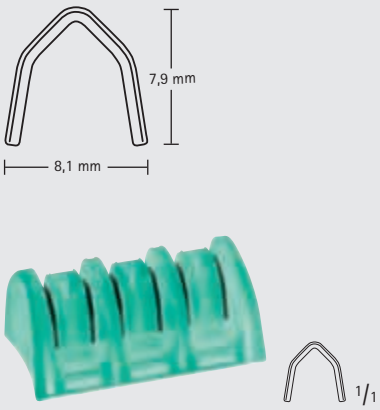
FB239R
65°

FB236R–FB239R

Clipanlegezangen
medium (blau)

Clip appliers
medium (bleu)

280 mm, 11"



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°

FB240R–FB254R

Clipanlegezangen
medium-large (grün)

Clip appliers
medium-large (green)

200 mm, 8"

1/2

1/1

FB242R
25°

FB245R
65°

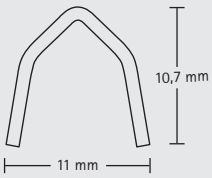
FB255R
90°

FB242R–FB255R

Clipanlegezangen
medium-large (grün)

Clip appliers
medium-large (green)

280 mm, 11"



1/1

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

1/2

FB246R
25°

FB249R
65°

1/1

FB252R
90°

FB246R–FB252R

Clipanlegezangen
large (orange)

Clip appliers
large (orange)

200 mm, 8"

1/2

1/1

FB248R
25°

FB251R
65°

FB253R
90°

FB248R–FB253R

Clipanlegezangen
large (orange)

Clip appliers
large (orange)

280 mm, 11"

Mikro-Federscheren mit Flachgriff

Micro Scissors with Flat Handle

1/1

165 mm, 6 1/2"

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

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Federscheren mit Rundgriff

Micro Scissors (Spring Type) with Round Handle

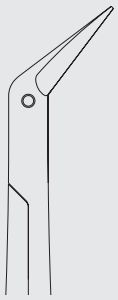
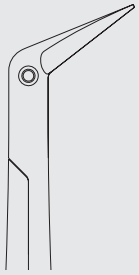
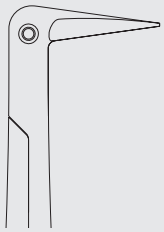
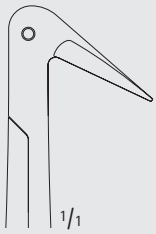
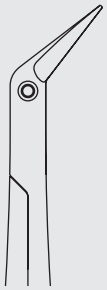
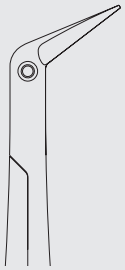
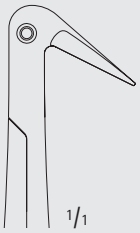
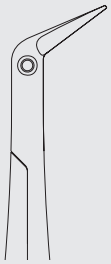
1/1

165 mm, 6 1/2"

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

1/1

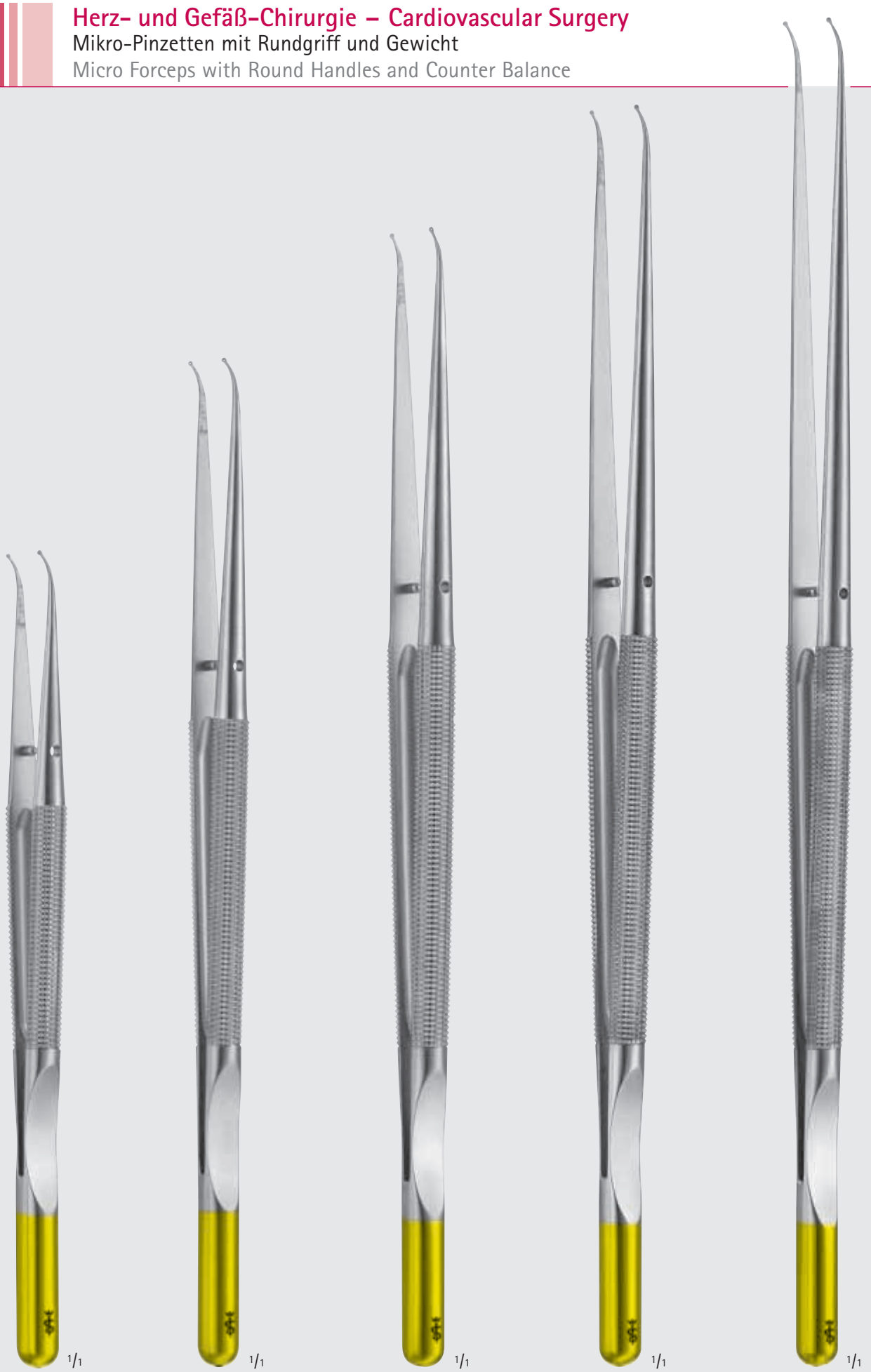
180 mm, 7"

	25°	45°	60°	90°	125°
Standard Blatt Standard blade size	 BC522R	 BC523R	 BC524R	 BC525R	 1/1 BC526R
Sehr feines Blatt Delicate blade size	 BC531R	 BC532R	 BC533R	 BC534R	 1/1 BC535R
Extrem feines Blatt Ultra delicate blade size	 BC515R	 BC516R	 BC517R	 BC518R	 1/1 BC519R

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Rundgriff und Gewicht

Micro Forceps with Round Handles and Counter Balance



1/1
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"

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.)						1/1
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	

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

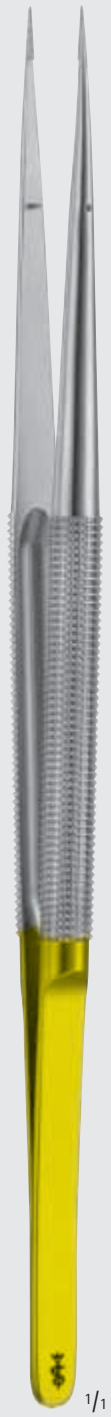
Mikro-Pinzetten mit Rundgriff, ohne Gewicht

Micro Forceps with Round Handles, without Counter Balance

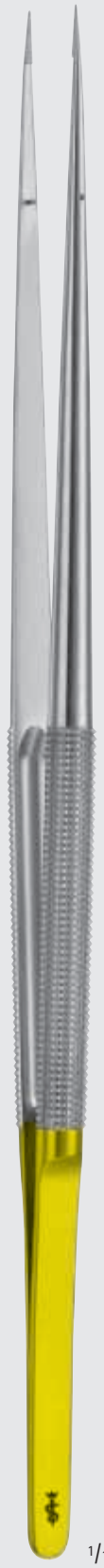
DIADUST

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.

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
185 mm, 7 1/4"



1/1
210 mm, 8 1/4"

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.)					1/1
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"

1/1

FM054R

Ring-Ø: 2,5 mm

diam. of ring: 2.5 mm

200 mm

8"

FM053R-FM054R

Rundgriff

round handle

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Pinzetten mit Flachgriff

Micro Forceps with Flat Handle

1/1
180 mm, 7"

1/1
200 mm, 8"

1/1
250 mm, 10"

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.)					1/1
180 mm 7"	BD190R	BD191R	BD192R	BD193R	BD194R
200 mm 8"		BD195R			BD196R
250 mm 10"	BD197R				

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.

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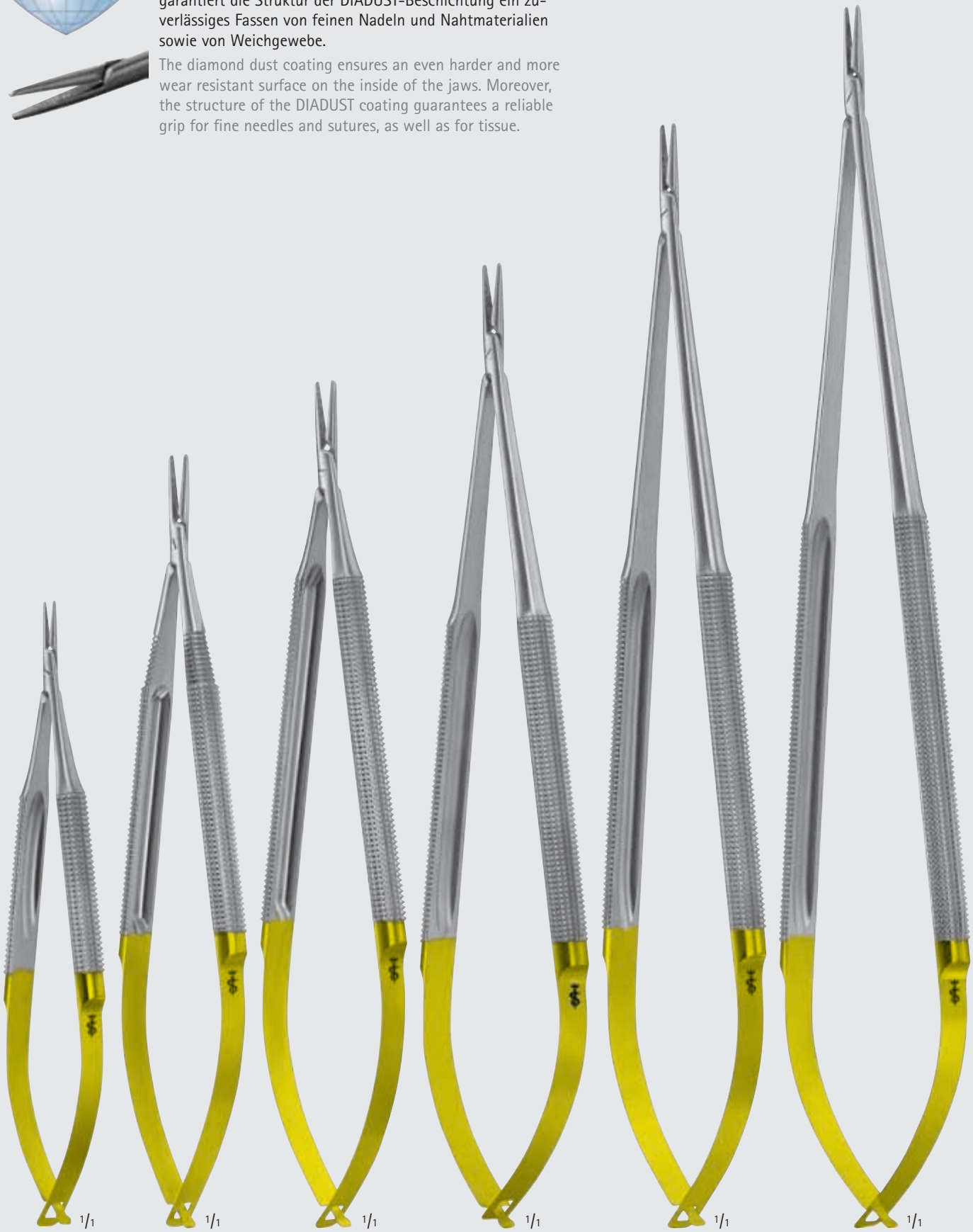


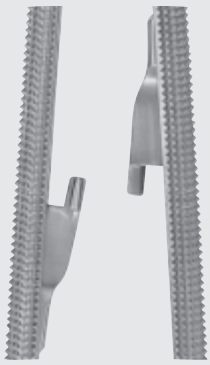
1/1	1/1	1/1	1/1	1/1	1/1
120 mm, 4 3/4"	145 mm, 5 3/4"	160 mm, 6 1/4"	185 mm, 7 1/4"	210 mm, 8 1/4"	230 mm, 9"

INCHES

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

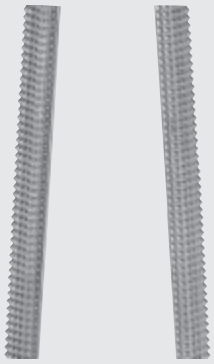
DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle



mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1	1/1	1/1	1/1
	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
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

Länge (mm) Length (in.)	1/1	1/1
	Nahtmaterialgröße Suture size	
	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

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DIADUST Mikro-Nadelhalter mit Rundgriff

DIADUST Micro Needle Holders with Round Handle

DIADUST

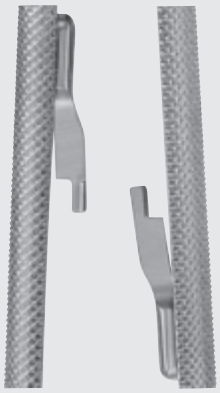
Die Diamantstaubbeschichtung sorgt für eine noch härtere und verschleißfestere Maulinnenfläche. Darüber hinaus garantiert die Struktur der DIADUST-Beschichtung ein zuverlässiges Fassen von feinen Nadeln und Nahtmaterialien sowie von Weichgewebe.

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.

1/1
190 mm, 7 1/2"

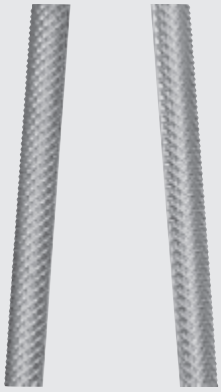
1/1
230 mm, 9"

1/1
250 mm, 10"



mit Sperre, kräftige Ausführung
with ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM538R
230 mm 9"	FM539R
250 mm 10"	FM534R



ohne Sperre, kräftige Ausführung
without ratchet, heavy style

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 2/0 und kleiner 2/0 and smaller
190 mm 7 1/2"	FM535R
230 mm 9"	FM536R
250 mm 10"	FM537R

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.

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.

1/1 145 mm, 5 3/4"

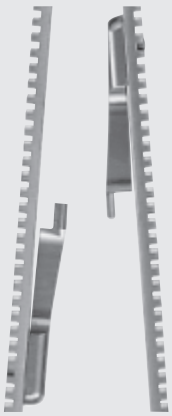
1/1 170 mm, 6 3/4"

1/1 185 mm, 7 1/4"

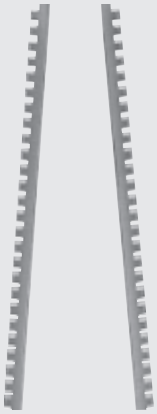
1/1 210 mm, 8 1/4"

1/1 230 mm, 9"

INCHES



mit Sperre with ratchet		1/1	1/1
		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		1/1	1/1
		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

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.

1/1 185 mm, 7 1/4"

1/1 210 mm, 8 1/4"

1/1 230 mm, 9"

mit Sperre
with ratchet

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 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

Länge (mm) Length (in.)	1/1 Nahtmaterialgröße Suture size 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

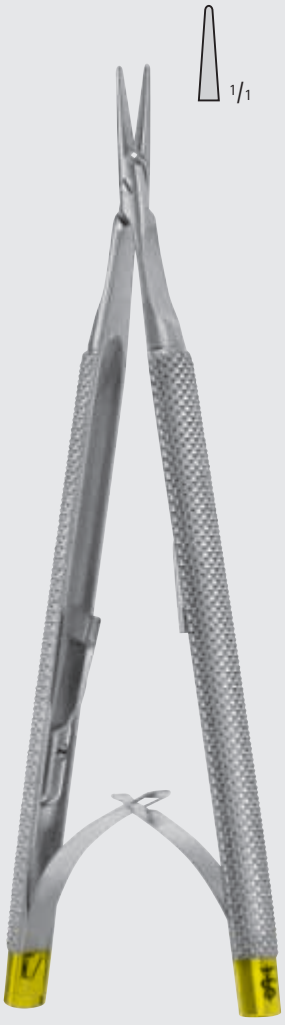
DIADUST Micro Needle Holders

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.



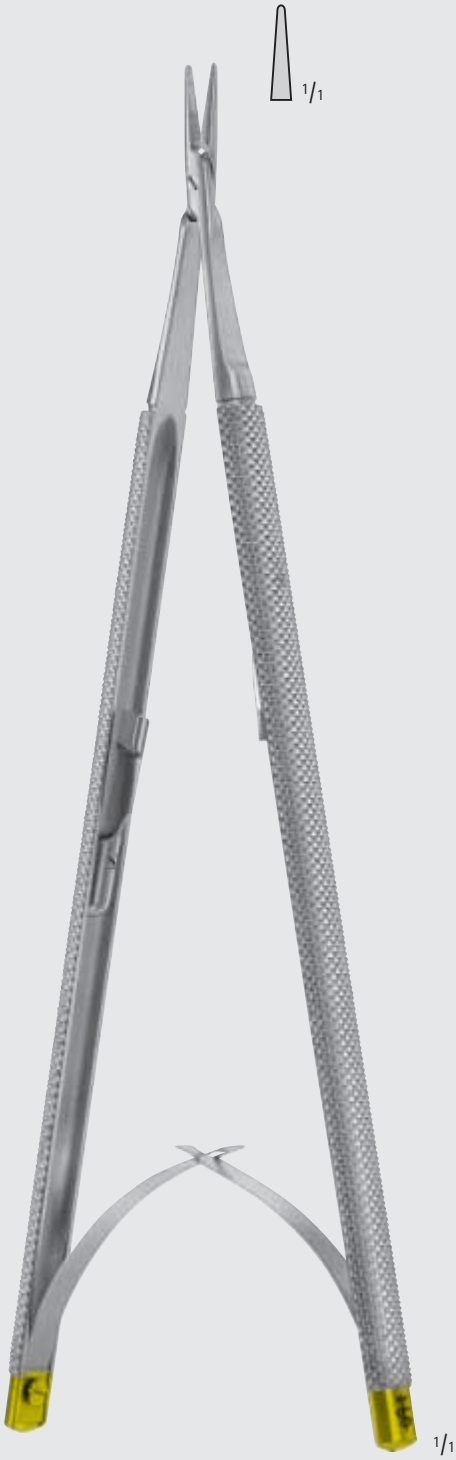
GLASSER

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"

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"

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

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 Dialyseshunts 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.

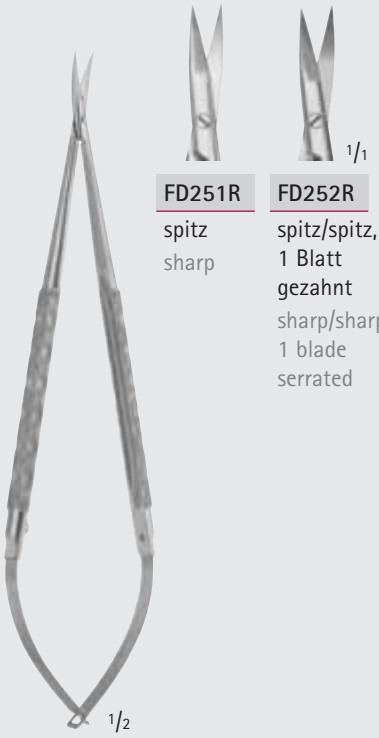
The shunt instruments were developed especially for operations on vessels that are between 4 and 6 mm in diameter.
This width is frequently found in dialysis shunt operations and re-operations. These instruments combine the features of conventional instruments and micro instruments. The working tips 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

spitz
sharp

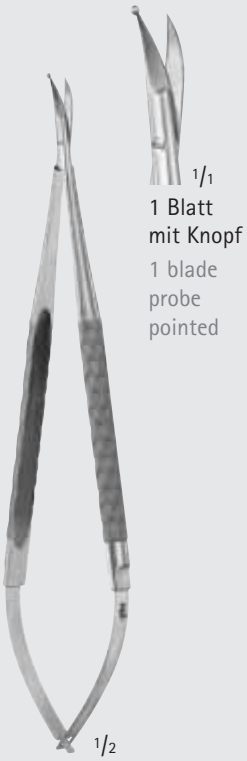
FM042R
Mikro-Schere
Micro scissors
180 mm, 7"



FD251R
spitz
sharp

FD252R
spitz/spitz,
1 Blatt
gezahnt
sharp/sharp,
1 blade
serrated

FD251R–FD252R
Mikro-Scheren
Micro scissors
180 mm, 7"



1 Blatt
mit Knopf
1 blade
probe
pointed

FM043R
Mikro-Schere
Micro scissors
180 mm, 7"

BV059R
Wundspreizer
Self-retaining retractor
120 mm, 4 3/4"

1/1
Ring-Ø: 2 mm
diam. of ring: 2 mm

FM047R
Mikro-Ringpinzette
Micro ring forceps
180 mm, 7"
1/2

DIADUST

1/1
Ring-Ø: 1 mm
diam. of ring: 1 mm

FM572R
Mikro-Ringpinzette
Micro ring forceps
185 mm, 7 1/4"
1/2

DIADUST

1/1
1/2

FD255R
Chirurgische Mikro-Pinzette
Micro tissue forceps
180 mm, 7"

DIADUST

1/1
mit Plateau
with platform tip
1/2

FD253R
Anatomische Mikro-Pinzette
Micro dissecting forceps
180 mm, 7"

DIADUST

FD258R FD259R
1/1
1/2

FD258R-FD259R
Mikro-Nadelhalter
Micro needle holders
180 mm, 7"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Flachgriff

Micro Needle Holders with Flat Handles

BM563R

1/1

BM564R

1/2

CASTROVIEJO

BM563R–BM564R

mit Sperre

with catch

145 mm, 5 3/4"

FD076R

1/1

FD079R

1/2

FD076R–FD079R

ohne Sperre

without catch

160 mm, 6 1/4"

FD080R

1/1

FD081R

1/2

FD080R–FD081R

ohne Sperre

without catch

185 mm, 7 1/4"

FD045R

ohne Sperre

without catch

1/1

FD046R

mit Sperre

with catch

1/2

JACOBSON

FD045R–FD046R

185 mm, 7 1/4"

1/1

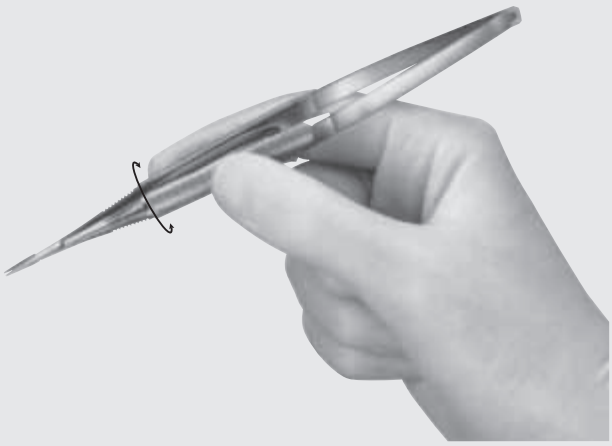
1/2

FD048R

mit Sperre

with catch

200 mm, 8"



... mit Rundgriffen

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

... with round handles

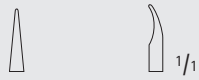
- Round handles allow turning manipulations between the fingers.
- Optimum balance individually for each instrument due to solid or hollowed-out handles.

BM560R	BM562R
115 mm	120 mm
4 1/2"	4 3/4"

BARRAQUER

BM560R-BM562R

ohne Sperre
without catch

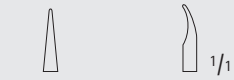


FD230R	FD231R

BARRAQUER

FD230R-FD231R

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



FD232R	FD233R

BARRAQUER

FD232R-FD233R

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

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Mikro-Nadelhalter mit Rundgriffen

Micro Needle Holders with Round Handles

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

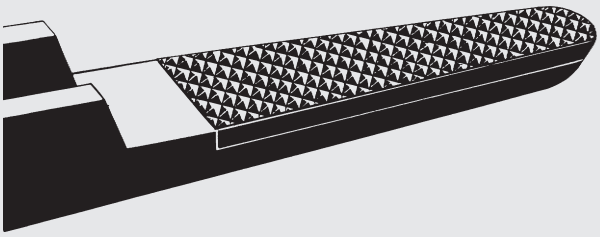
without catch

FM392R

mit Sperre

with catch

FM398R–FM392R



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		9/0 – 11/0
mit Teilung	0,2 mm für Nahtmaterial	6/0 – 10/0
	0,4 mm	4/0 – 6/0
	0,5 mm	bis 3/0

We recommend carbide inserts		
with smooth jaw surface for suture material		9/0 – 11/0
with	0.2 mm pitch of serration for suture material	6/0 – 10/0
	0.4 mm	4/0 – 6/0
	0.5 mm	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

CASTROVIEJO

BM001R

145 mm, 5 3/4"

CASTROVIEJO

BM002R

145 mm, 5 3/4"

BM003R

170 mm, 6 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Mikro-Nadelhalter

DUROGRIP® Micro Needle Holders

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"

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

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 anastmosis techniques.

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

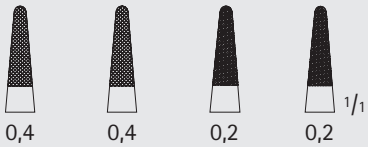
mit Sperre
with ratchet
190 mm, 7 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

DUROGRIP® Nadelhalter

DUROGRIP® Needle Holders

»grazil«



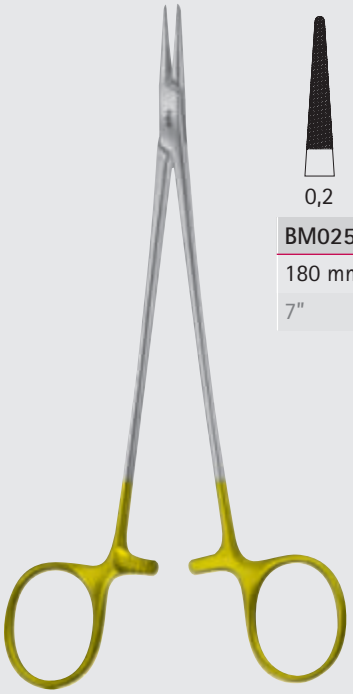
0,4	0,4	0,2	0,2
BM033R	BM034R	BM063R	BM064R
165 mm	210 mm	165 mm	210 mm
6 1/2"	8 1/4"	6 1/2"	8 1/4"

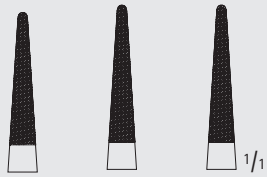
DE BAKEY

BM033R–BM064R

sehr fein

very delicate



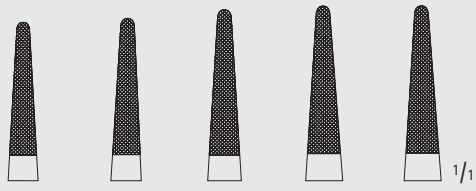


0,2	0,2	0,2
BM025R	BM026R	BM027R
180 mm	200 mm	230 mm
7"	8"	9"

BM025R–BM027R

sehr fein

very delicate



0,4	0,4	0,4	0,4	0,4
BM032R	BM035R	BM036R	BM037R	BM038R
150 mm	180 mm	230 mm	250 mm	305 mm
6"	7"	9"	10"	12"

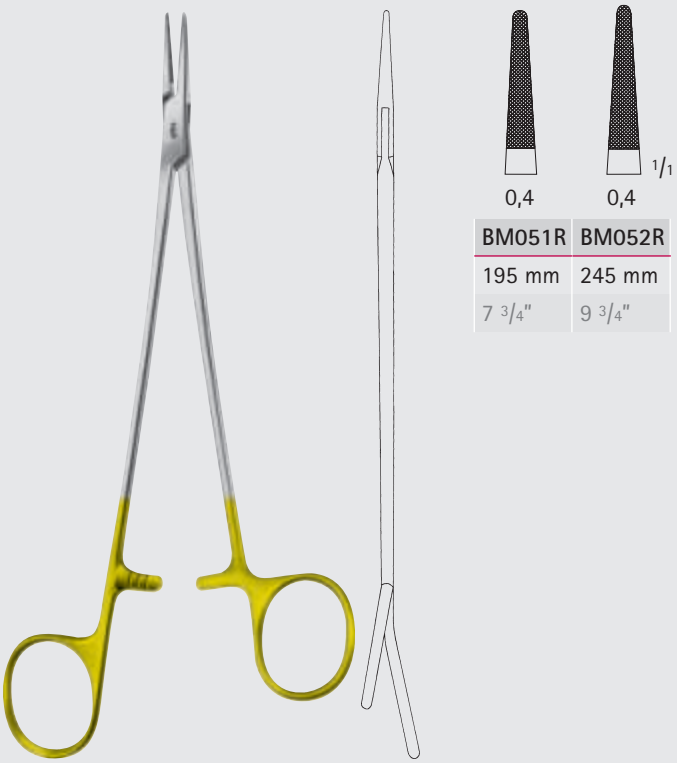
DE BAKEY

BM032R–BM038R

DE BAKEY

BM040R

schlankes Modell
slender pattern
305 mm, 12"



BM051R	BM052R
195 mm	245 mm
7 3/4"	9 3/4"

DE BAKEY

BM051R-BM052R

Ringe griffgünstig abgesetzt
und gebogen
one extended handle and curved
rings ensure optimum grip

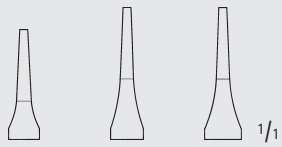
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

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

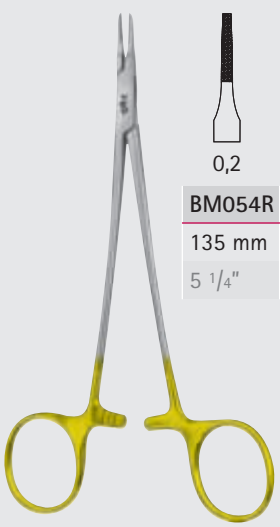
BM184R

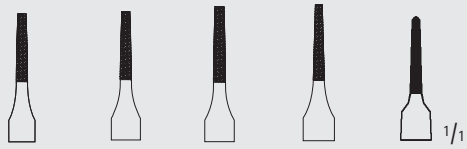
200 mm, 8"

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«





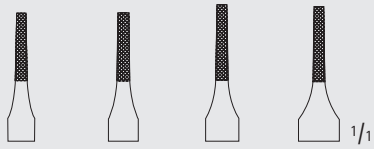
0,2	0,2	0,2	0,2	0,2
BM054R	BM055R	BM056R	BM057R	BM058R
135 mm	155 mm	175 mm	210 mm	230 mm
5 1/4"	6"	7"	8 1/4"	9"

RYDER

BM054R-BM058R

sehr fein

very delicate



0,4	0,4	0,4	0,4
BM044R	BM045R	BM046R	BM047R
135 mm	175 mm	195 mm	265 mm
5 1/4"	7"	7 3/4"	10 1/2"

RYDER

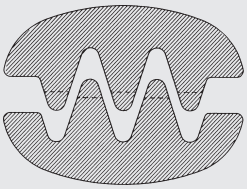
BM044R-BM047R

FB

DE BAKEY

1 : 2 Zahnreihen

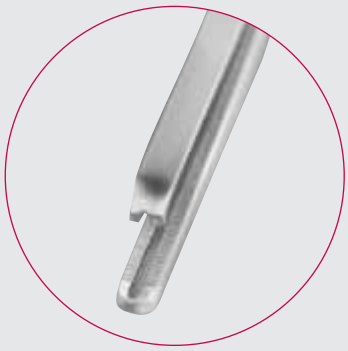
1 : 2 rows of teeth

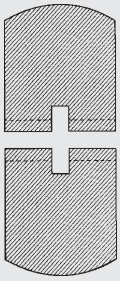


DE BAKEY

2 : 3 Zahnreihen

2 : 3 rows of teeth





COOLEY

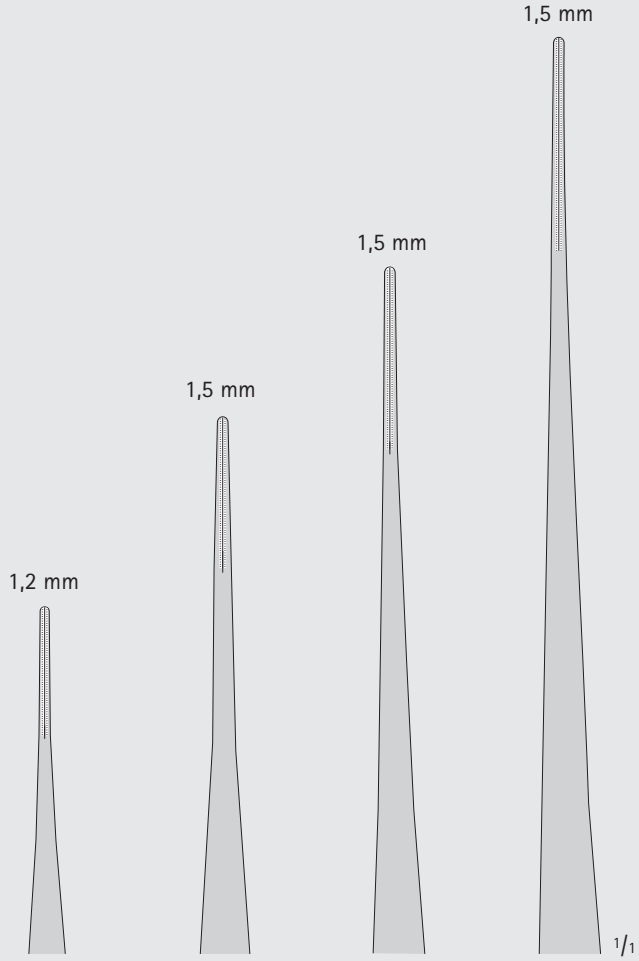
2 : 2 Zahnreihen

2 : 2 rows of teeth

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

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

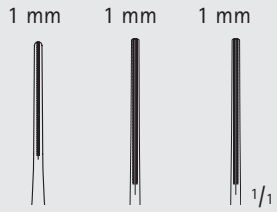
FC411R-FC418R

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Pinzetten

Forceps

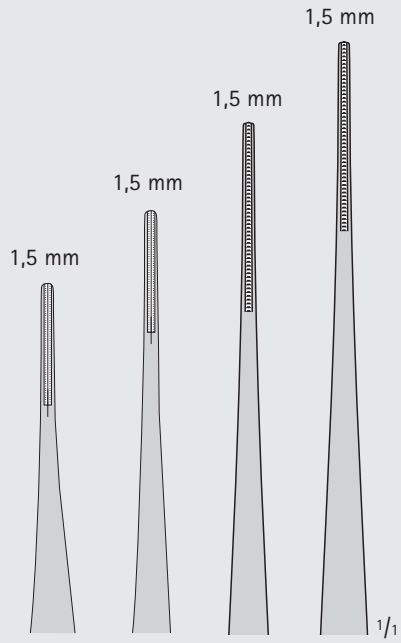
FB



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

DE BAKEY

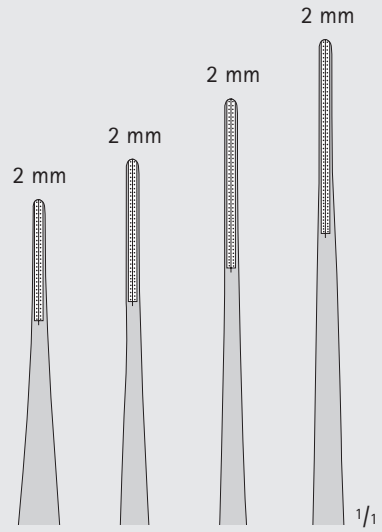
FB394R–FB396R



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

DE BAKEY

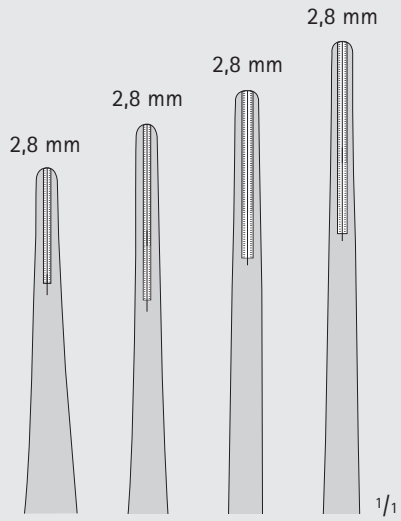
FB411R–FB419R



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

DE BAKEY

FB400R–FB405R

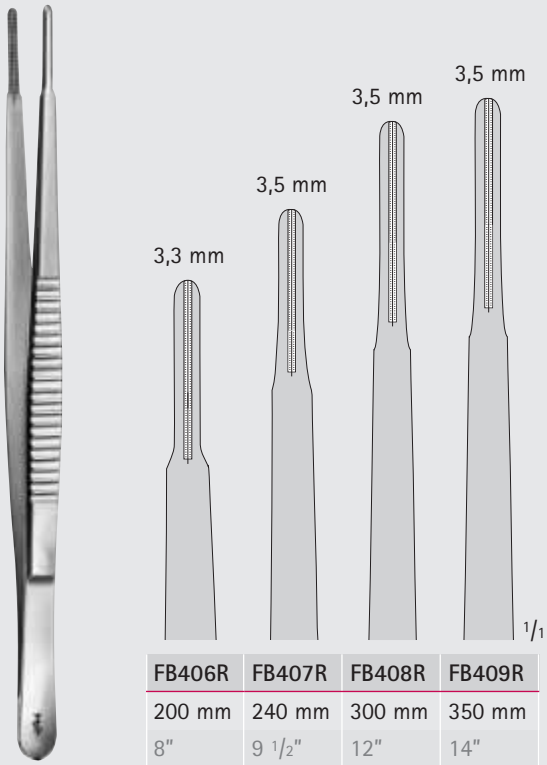


FB414R	FB415R	FB416R	FB417R
150 mm	200 mm	240 mm	300 mm
6"	8"	9 1/2"	12"

DE BAKEY

FB414R–FB417R

INCHES



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

DE BAKEY

FB406R–FB409R

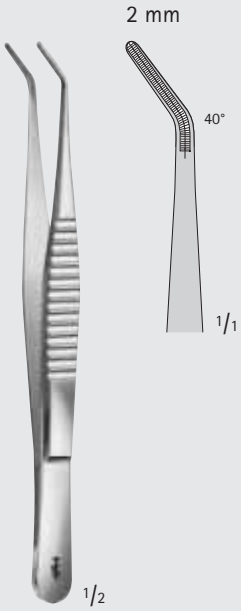
COOLEY Zahnung

Toothing COOLEY

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

COOLEY

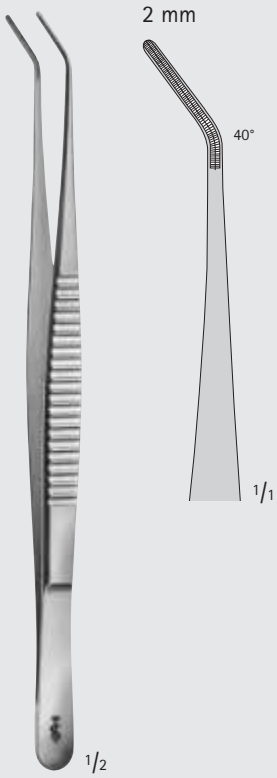
FB784R–FB786R



DE BAKEY

FB401R

150 mm, 6"



DE BAKEY

FB403R

200 mm, 8"

COOLEY

BD250R

200 mm, 8"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßclips
Vascular Clips

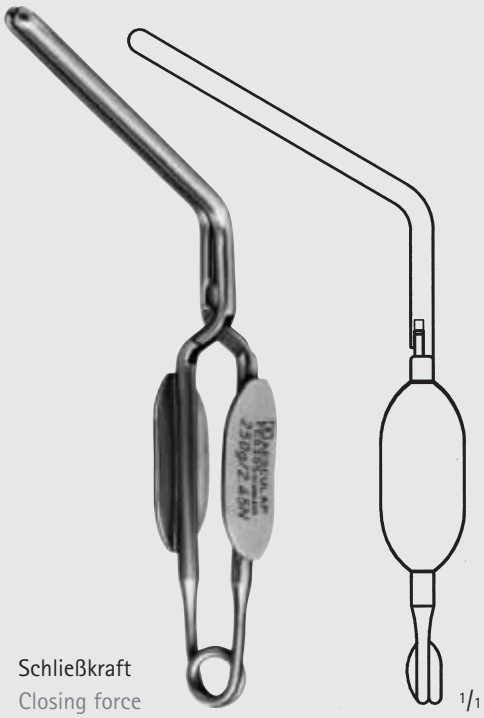
FB

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

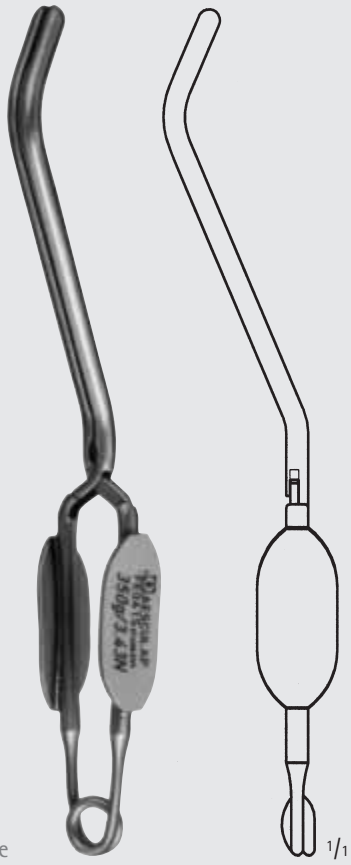
Features:
- Atraumatic mouth profile
- Handle plateau mounted on both sides for secure application and removal of the clip.
- Exactly definied closing pressure for arterial and venous vessels.
- Vascular clips are clearly marked with closing pressure.
- Closed mouth box guarantees precise guidance of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



1/1

Schließkraft
Closing force

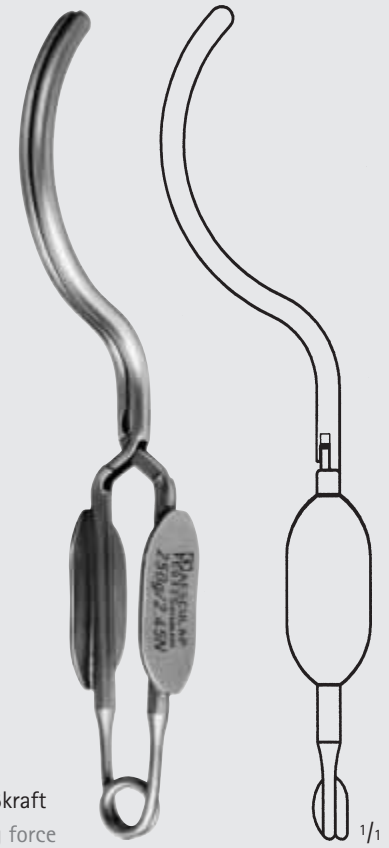
	MÜLLER
250 g	FE030S
350 g	FE040S
	gerade straight



1/1

Schließkraft
Closing force

	MÜLLER
250 g	FE031S
350 g	FE041S
	gebogen curved



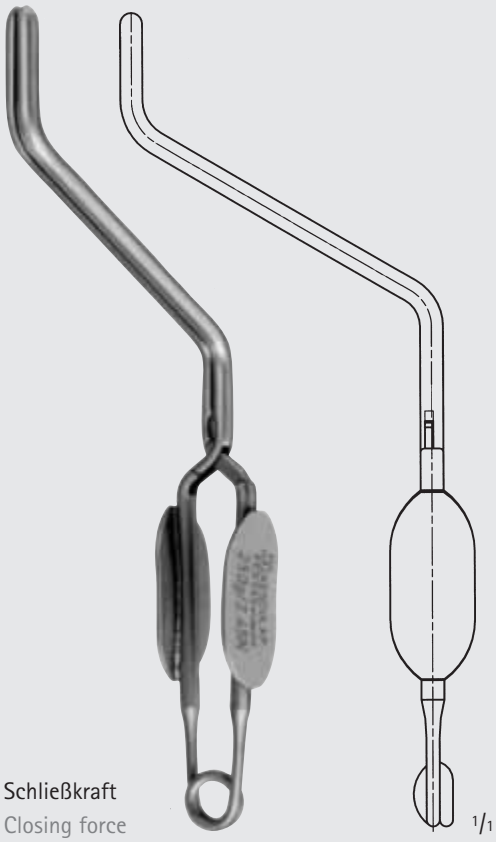
Schließkraft
Closing force

1/1

MÜLLER

250 g	FE032S
350 g	FE042S

Spitze gebogen
curved tips



Schließkraft
Closing force

1/1

MÜLLER

250 g	FE034S
350 g	FE044S

kniegebogen
knee-bent

FB

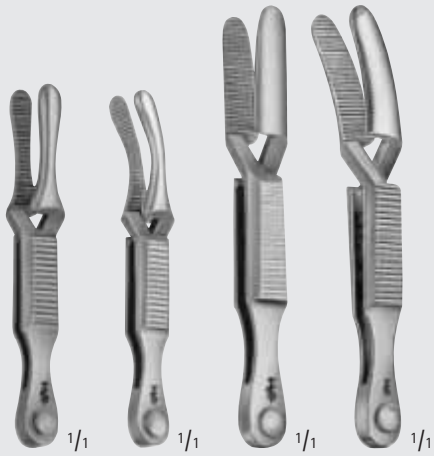
JOHNS-HOPKINS

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: Total length:	Maullänge: 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 Total length:	Maullänge: 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"

INCHES

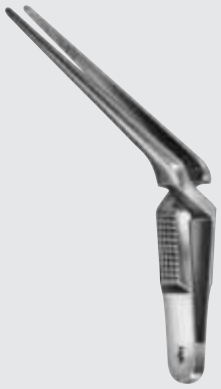
1/1

DE BAKEY-HESS

	BH030R
Gesamtlänge:	34 mm
Total length:	1 3/8""
Maullänge:	20 mm
Jaw length:	3/4"

1/1

	FB328R	FB329R	FB330R	FB331R
Gesamtlänge:	35 mm	35 mm	45 mm	45 mm
Total length:	1 3/8"	1 3/8"	1 3/4"	1 3/4"
Maullänge:	14 mm	14 mm	19 mm	19 mm
Jaw length:	1/2"	1/2"	3/4"	3/4"



1/1

DE BAKEY-HESS

	BH031R
Gesamtlänge:	43 mm
Total length:	1 7/10"
Maullänge:	30 mm
Jaw length:	1 3/16"

1/1

	DIETHRICH MB285R	DIETHRICH BH032R	DIETHRICH BH034R
Gesamtlänge:	55 mm	48 mm	48 mm
Total length:	2 1/8"	1 7/8"	1 7/8"
Maullänge	13 mm	10 mm	13 mm
Jaw length:	1/2"	3/8"	1/2"

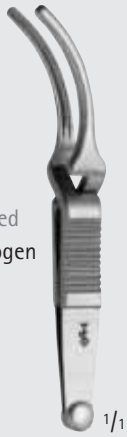
Mini-Bulldogklemmen
Schließdruck 180 g

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 FB352R	DE BAKEY FB353R	GLOVER FB431R	DE BAKEY FB357R	DE BAKEY FB358R	DE BAKEY 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"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen
Bulldog Clamps

	DE BAKEY FB420R	DE BAKEY FB422R	DE BAKEY FB424R	DE BAKEY FB426R	DE BAKEY FB421R	DE BAKEY FB423R	DE BAKEY FB425R	DE BAKEY FB427R
Gesamtlänge:	80 mm	90 mm	105 mm	124 mm	78 mm	86 mm	97 mm	114 mm
Total length:	3 1/8"	3 1/2"	4 1/8"	5"	3 1/8"	3 3/8"	3 3/4"	4 1/2"
Maullänge:	25 mm	35 mm	50 mm	68 mm	23 mm	31 mm	42 mm	58 mm
Length of jaw:	1"	1 3/8"	2"	2 3/4"	1"	1 1/8"	1 3/4"	2 3/8"

	GLOVER FB432R	GLOVER FB434R	GLOVER FB436R	GLOVER FB433R	GLOVER FB435R	GLOVER FB437R
Gesamtlänge:	68 mm	96 mm	117 mm	65 mm	91 mm	110 mm
Total length:	2 3/4"	3 3/4"	4 3/4"	2 1/2"	3 1/2"	4 3/8"
Maullänge:	33 mm	50 mm	69 mm	33 mm	50 mm	69 mm
Length of jaw:	1 3/8"	2"	2 3/4"	1 3/8"	2"	2 3/4"

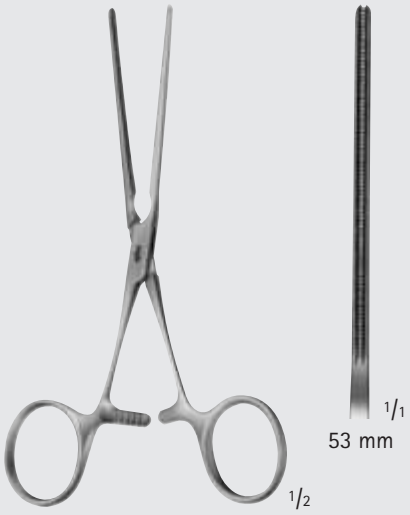
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bulldogklemmen mit Ringgriffen

Ring Handle Bulldog Clamps

DE BAKEY Zahnung

Toothing DE BAKEY



DE BAKEY

FB540R

gerade

straight

130 mm, 5 1/8"

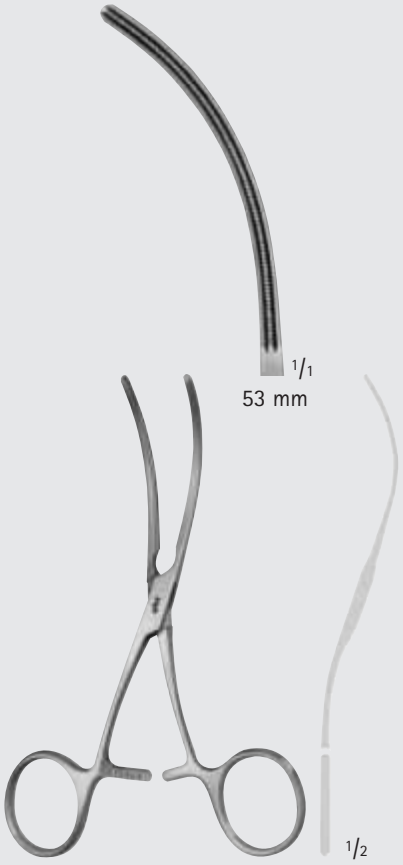
DE BAKEY

FB541R

Maul gebogen

curved jaws

125 mm, 5"



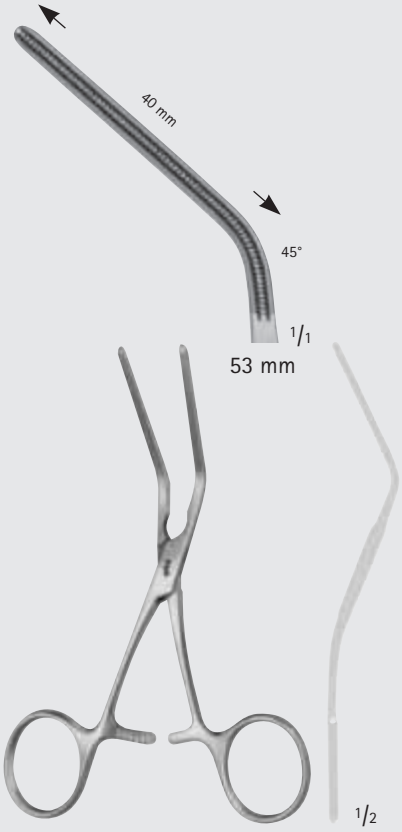
DE BAKEY

FB542R

S-förmig

S-shaped

125 mm, 5"



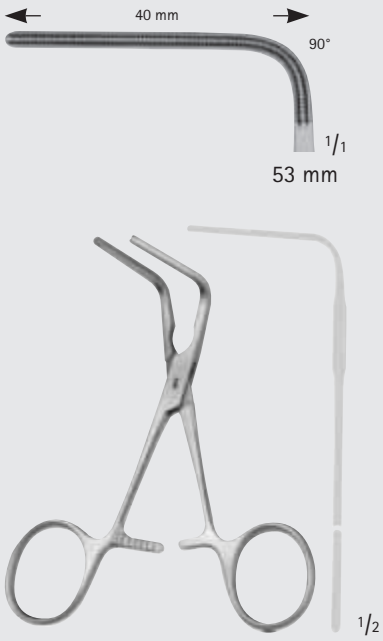
DE BAKEY

FB543R

45° winklig gebogen

angled 45°

125 mm, 5"



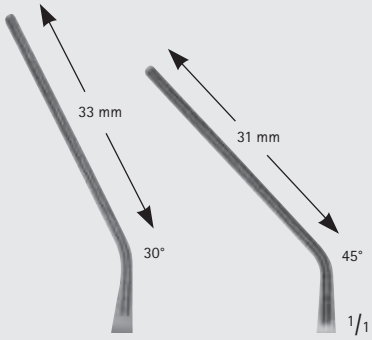
DE BAKEY

FB544R

90° winklig gebogen

angled 90°

105 mm, 4 1/8"

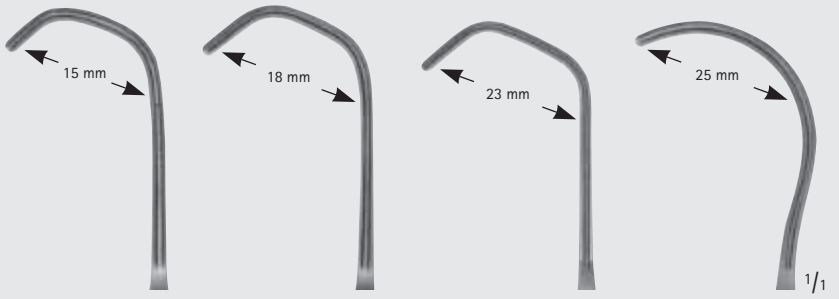


FB581R FB582R

CASTANEDA

FB581R–FB582R

120 mm, 4 3/4"

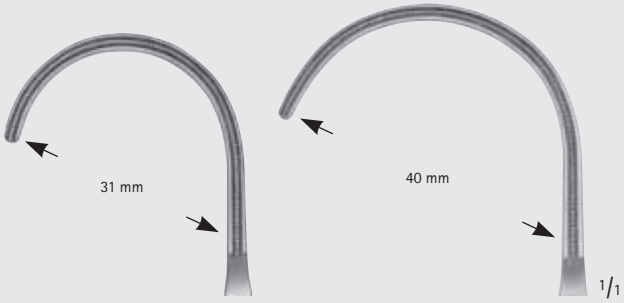


FB590R	FB591R	FB592R	FB593R
48 mm	52 mm	56 mm	50 mm

CASTANEDA

FB590R–FB593R

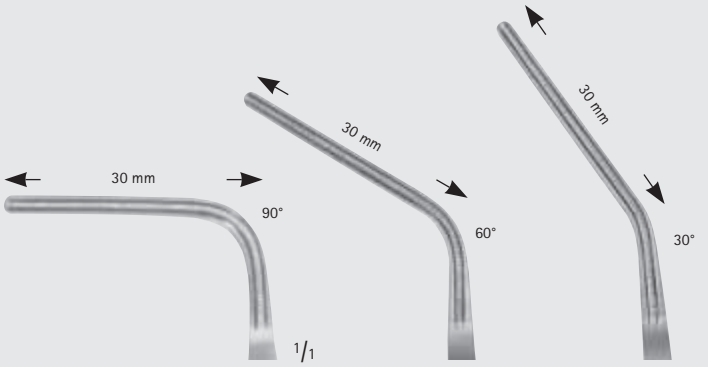
155 mm, 6"



FB557R	FB558R
160 mm	170 mm
6 1/2"	6 3/4"

DE BAKEY

FB557R-FB558R

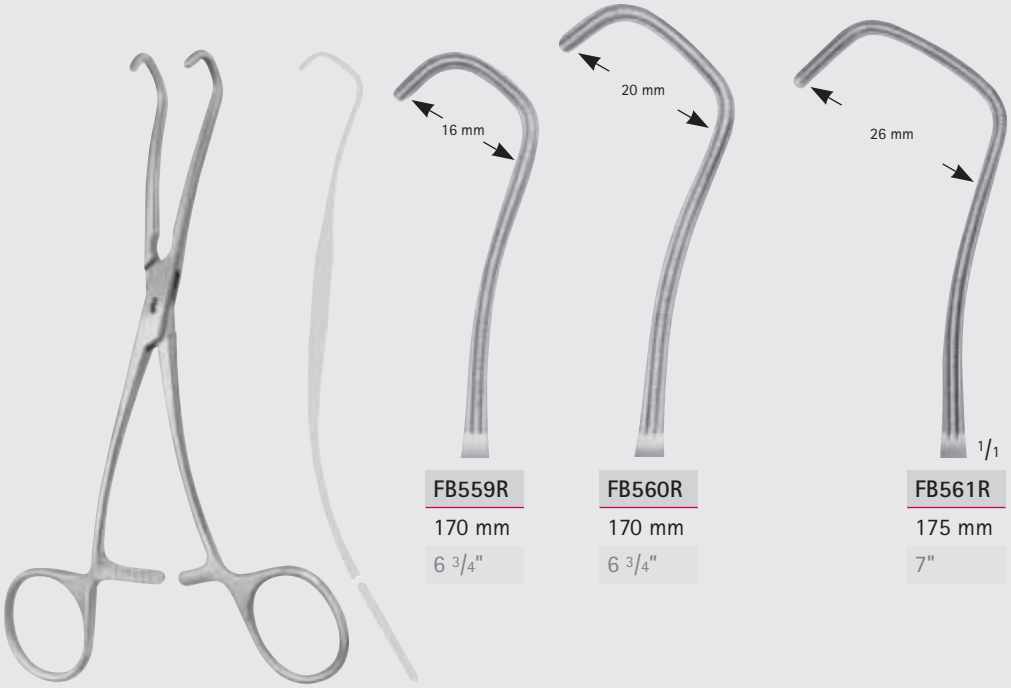


FB569R	FB568R	FB567R
150 mm	160 mm	165 mm
6"	6 1/4"	6 1/2"

COOLEY

FB567R-FB569R

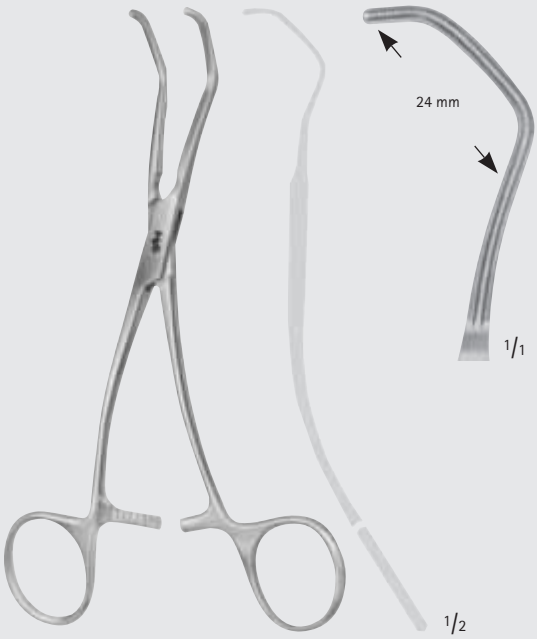
INCHES



FB559R	FB560R	FB561R
170 mm	170 mm	175 mm
6 3/4"	6 3/4"	7"

DERRA

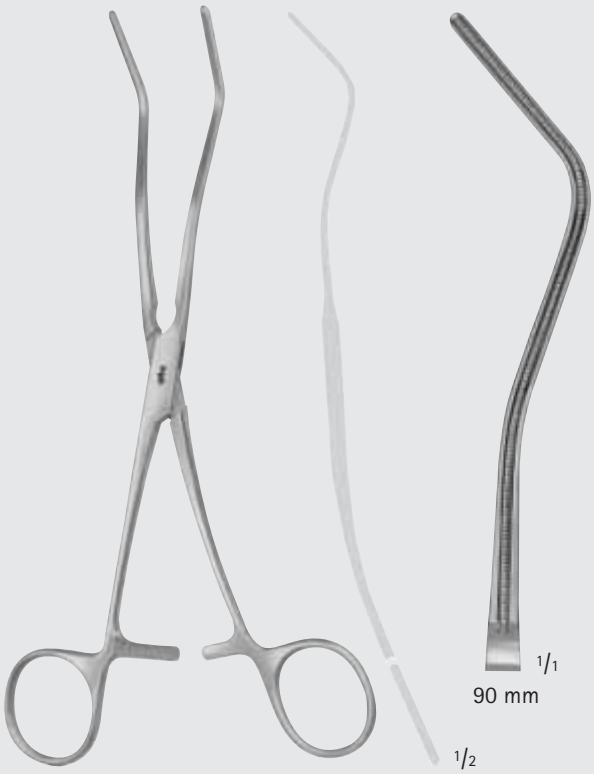
FB559R-FB561R



COOLEY

FB563R

160 mm, 6 1/4"



COOLEY

FB570R

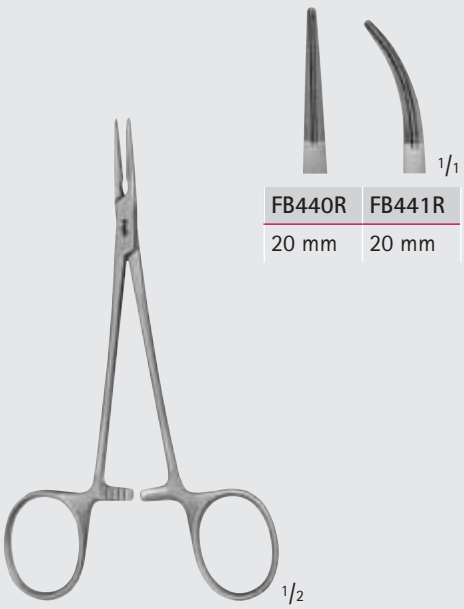
200 mm, 8"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen

Hemostatic Forceps

FB



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"

1/2

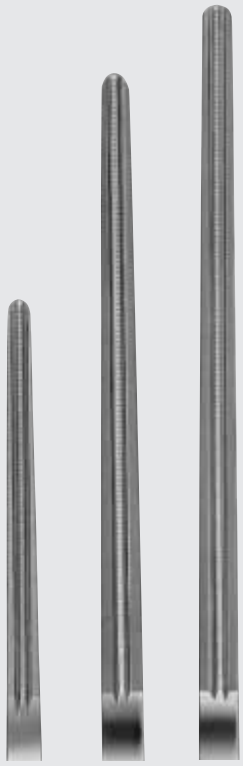
1/1

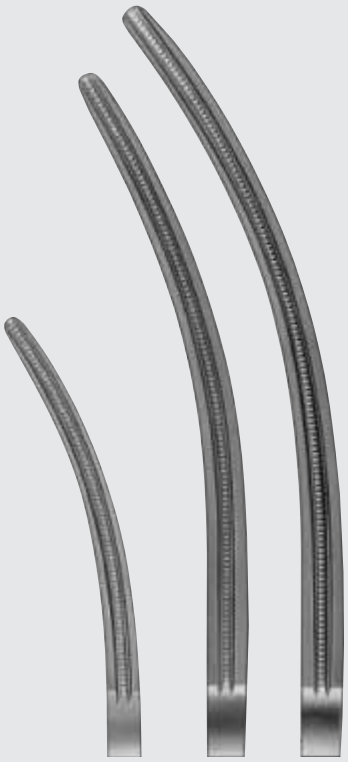
FB444R	FB445R
50 mm	50 mm

PEAN

FB444R–FB445R

155 mm, 6"





1/1

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"

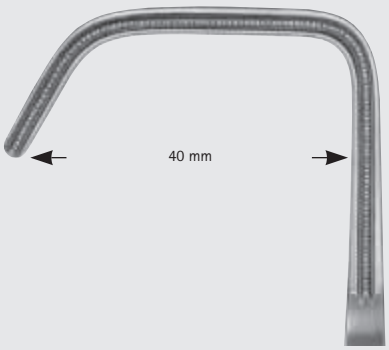
DE BAKEY-PEAN

FB526R–FB535R

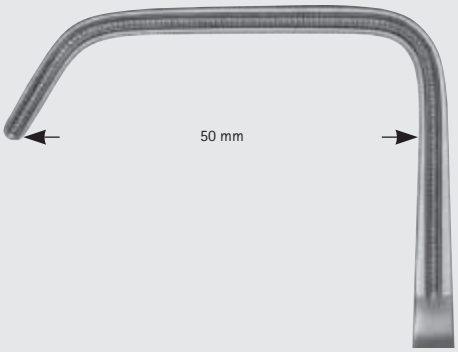
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Klemmen für Nieren- und Pankreaseingriffe

Kidney and Pankreas Clamps



FB528R



FB529R

1/1

FB530R

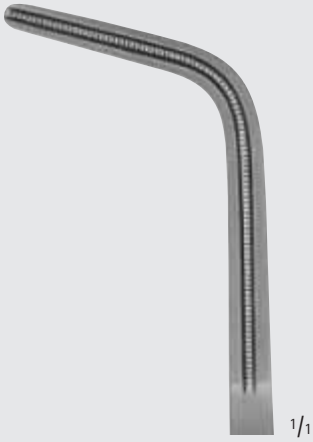
HOPT

FB528R	230 mm	9"
FB529R	235 mm	9 1/4"
FB530R	245 mm	9 3/4"

1/1

FB486R
81 mm

FB487R
81 mm



1/1

80 mm

1/1

70 mm

DE BAKEY-RUMEL

FB486R	250 mm	10"
FB487R	245 mm	9 3/4"

1/2

DE BAKEY-MIXTER

FB497R

285 mm, 11 1/4"

1/2

DE BAKEY-MC QUIGG-MIXTER

FB496R

210 mm, 8 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen, Profunda Klemmen

Dissecting- and Ligature Forceps, Profunda Clamps

ATRAUMATA®

DE BAKEY Zahnung

Toothing DE BAKEY

1/1

FB484R	FB485R
77 mm	80 mm

DE BAKEY

FB484R	190 mm	7 1/2"
FB485R	230 mm	9"

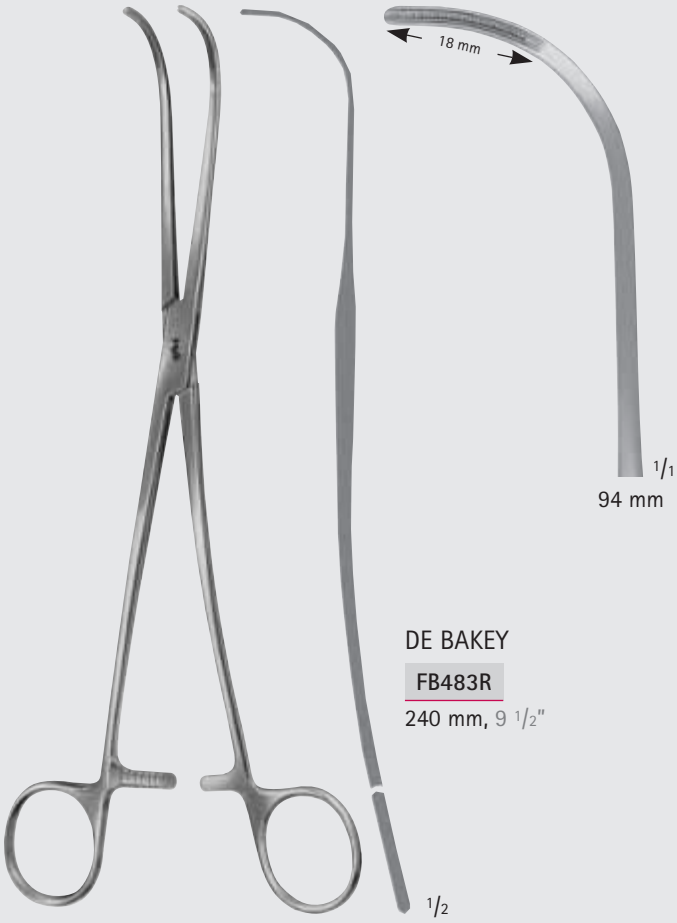
GREGORY

MB750R	57 mm
MB751R	62 mm

Profunda Klemmen

Profunda clamps

200 mm, 8"



1/1

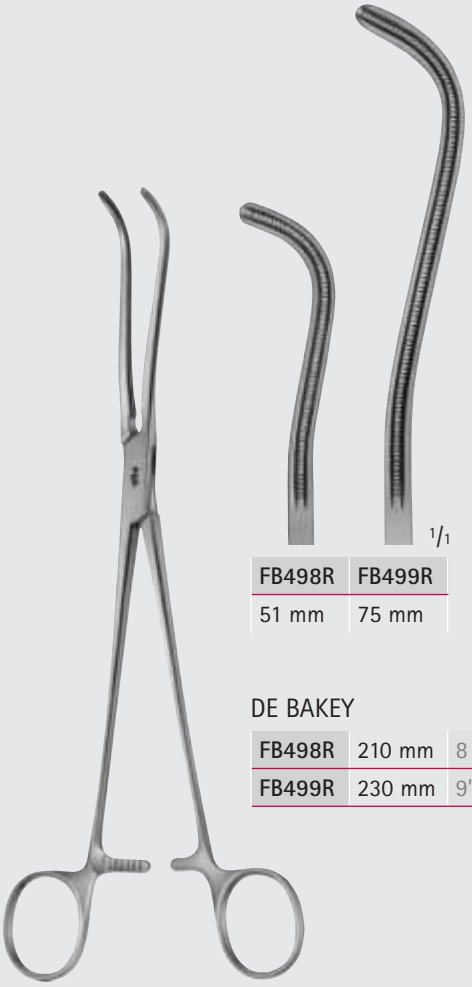
94 mm

1/2

DE BAKEY

FB483R

240 mm, 9 1/2"



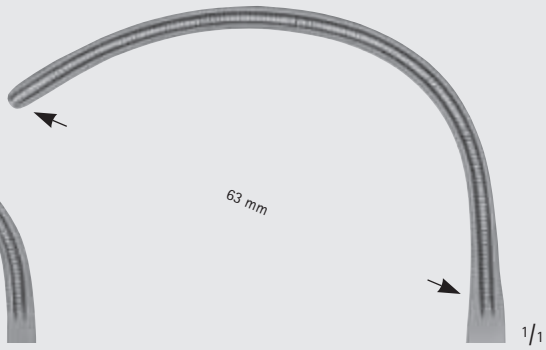
1/1

FB498R	FB499R
51 mm	75 mm

DE BAKEY

FB498R	210 mm	8 1/4"
FB499R	230 mm	9"

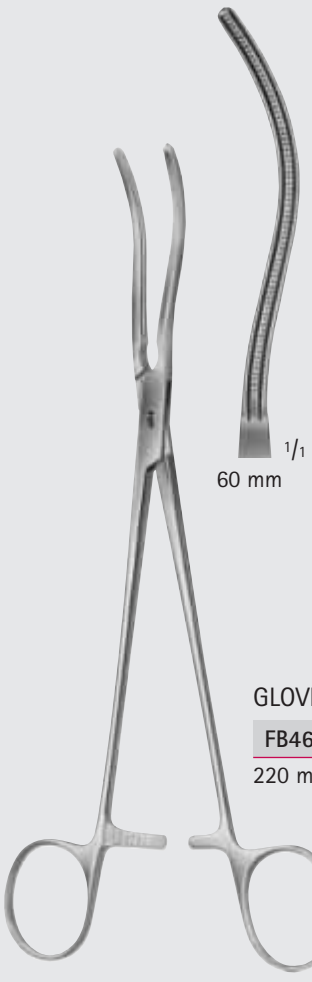
FB461R
70 mm



FB462R
95 mm

GLOVER

FB461R	195 mm	7 3/4"
FB462R	210 mm	8 1/4"

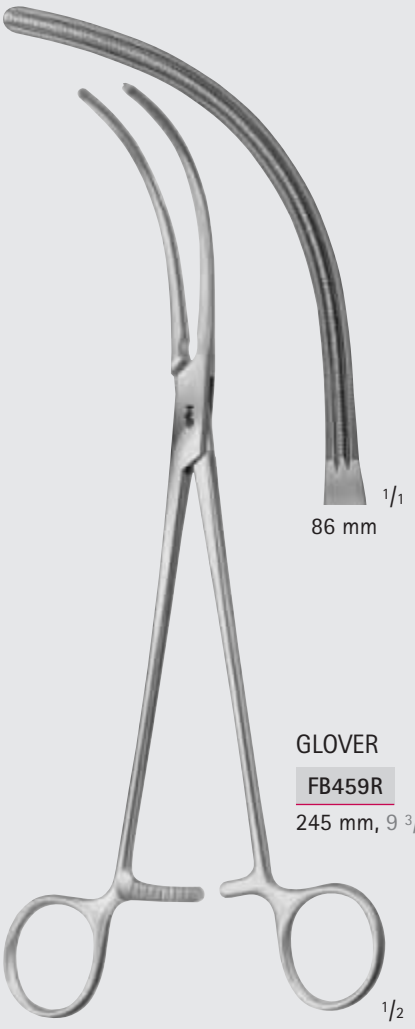


60 mm

GLOVER
FB460R
220 mm, 8 3/4"

65 mm

GLOVER
FB458R
215 mm, 8 1/2"



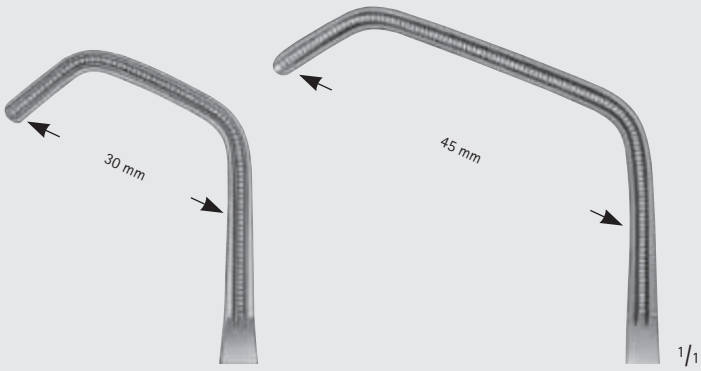
86 mm

GLOVER
FB459R
245 mm, 9 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Vena-Cava-Klemmen

Vena Cava Clamps

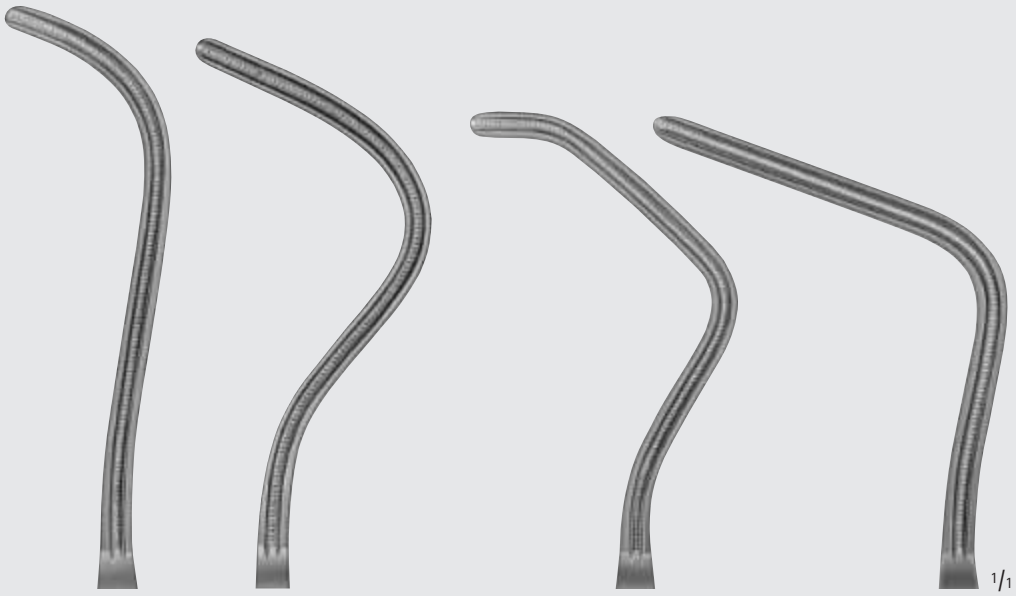


FB519R
65 mm

FB520R
80 mm

DE BAKEY-BECK

FB519R	205 mm	8"
FB520R	210 mm	8 1/4"



FB521R
86 mm

FB522R
86 mm

FB523R
86 mm

FB524R
86 mm

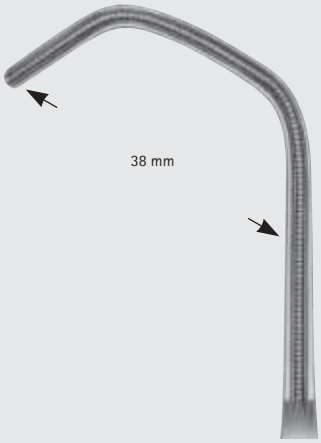
DE BAKEY-HARKEN

FB521R	255 mm	10"
FB522R	245 mm	9 3/4"
FB523R	245 mm	9 3/4"
FB524R	245 mm	9 3/4"

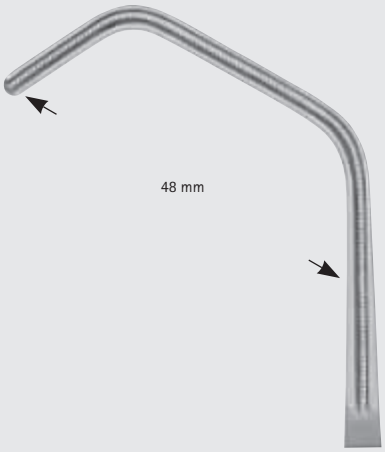
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßklemmen für Tangential-Verschluss

Tangential Occlusion Clamps



FB500R



FB501R

FB502R

FB503R

1/1

FB504R

DE BAKEY

	FB500R	FB501R	FB502R	FB503R	FB504R
Gesamtlänge:	220 mm	265 mm	270 mm	270 mm	280 mm
Total Length:	7 3/4"	10 1/4"	10 3/4"	10 3/4"	11"
Maullänge:	85 mm	95 mm	99 mm	103 mm	119 mm
Jaw length:	3 3/8"	3 3/4"	4"	4 1/8"	4 3/4"

MILLIMETERS

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

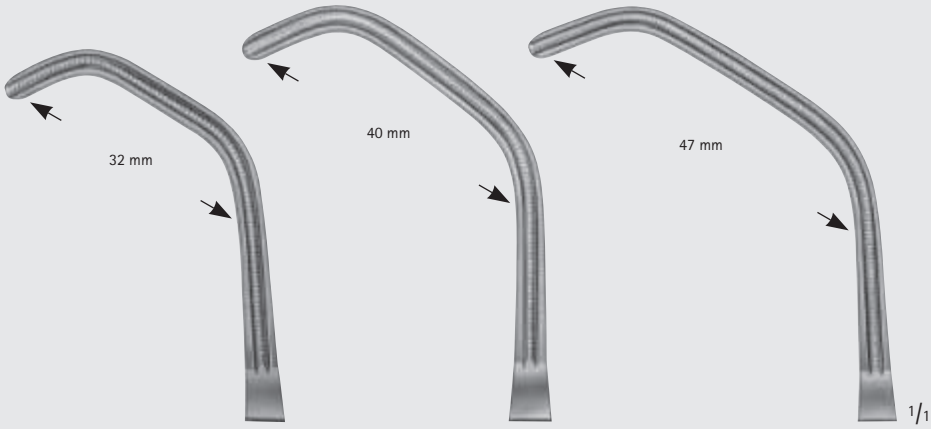
Gefäßklemmen für Tangential-Verschluss

Tangential Occlusion Clamps

ATRAUMATA®

DE BAKEY Zahnung

Toothing DE BAKEY

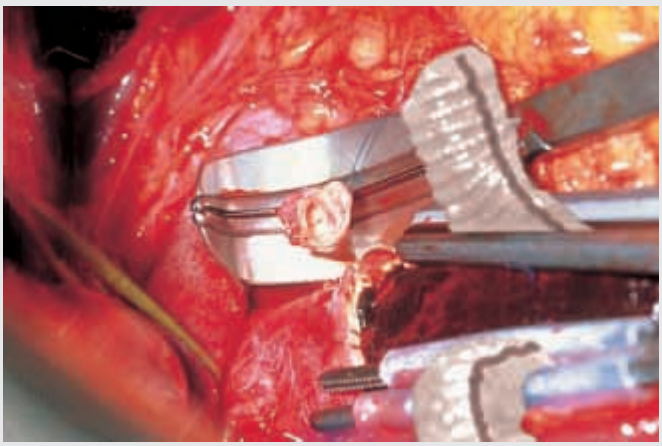


FB506R FB507R FB508R

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"

INCHES



FB587R
235 mm
9 1/4"

FB588R
245 mm
9 3/4"

ALLENBERG

FB587R–FB588R

mit Retraktionsblättern zum Weghalten von Weichteilen während der Anastomose

with retraction blades for retraction of soft tissue during the anastomosis

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Coarctationsklemmen

Coarctation Clamps

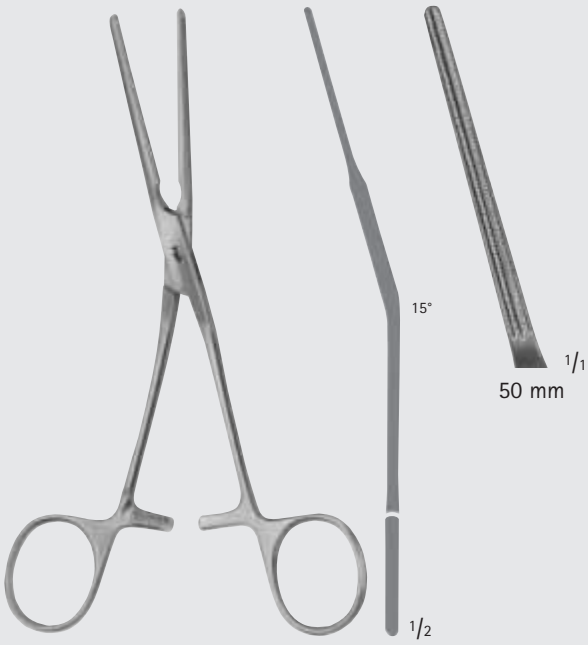
DE BAKEY Zahnung

Toothing DE BAKEY

FB552R	FB554R
50 mm	50 mm

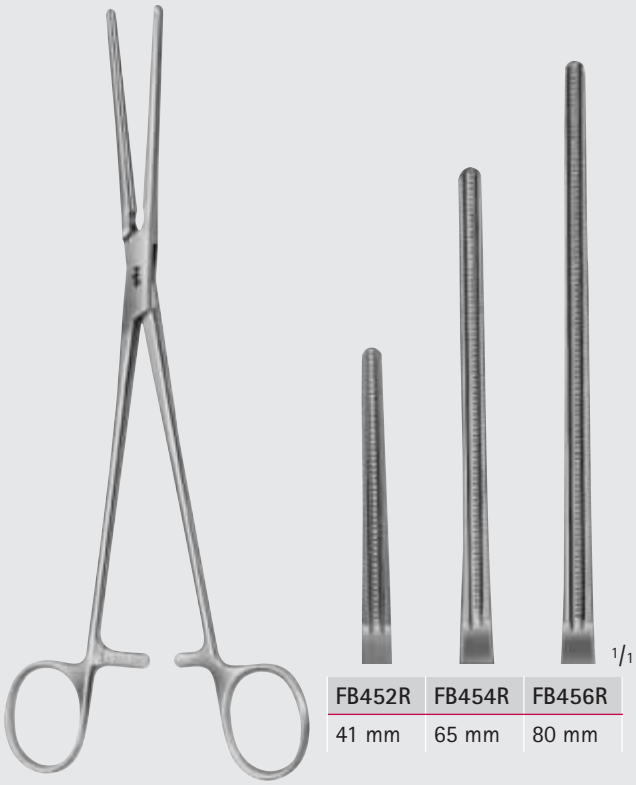
DE BAKEY

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

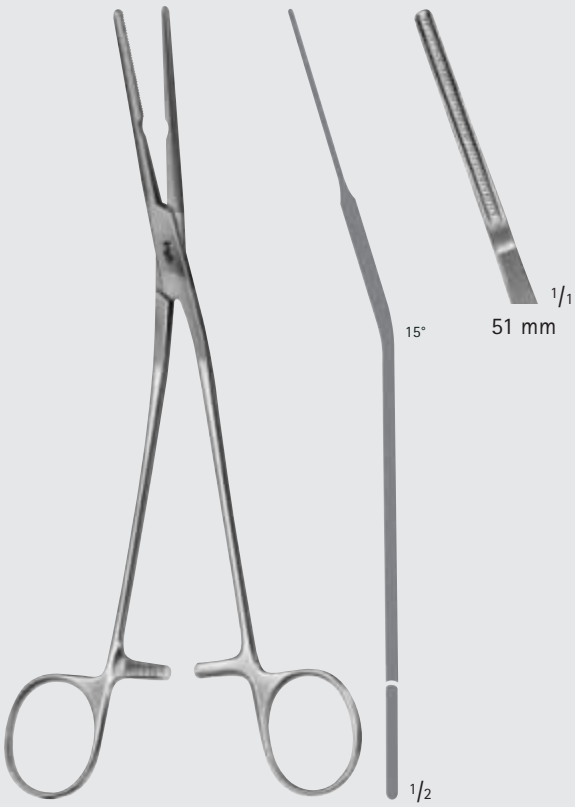
DE BAKEY

FB453R	200 mm	8"
FB455R	225 mm	9"
FB457R	240 mm	9 1/2"

DE BAKEY

FB450R

210 mm, 8 1/4"



DE BAKEY

FB451R

210 mm, 8 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Patent-Ductusklemmen, Peripheralklemmen

Patent-Ductus-Clamps, Peripheral-Vascular-Clamps

ATRAUMATA®

DE BAKEY Zahnung

Toothing DE BAKEY

1/1

56 mm

1/1

90 mm

1/1

92,5 mm

1/2

DE BAKEY

FB463R

160 mm, 6 1/4"

1/2

DE BAKEY

FB464R

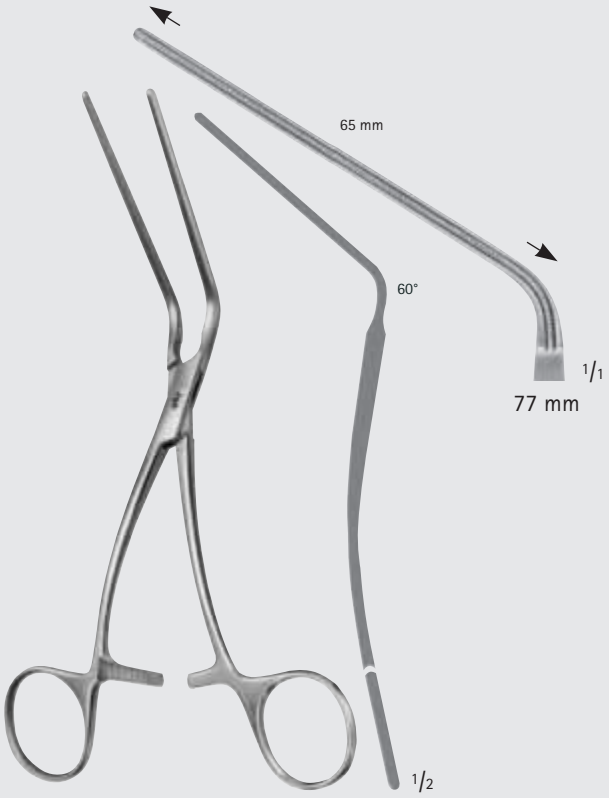
190 mm, 7 1/4"

1/2

DE BAKEY

FB465R

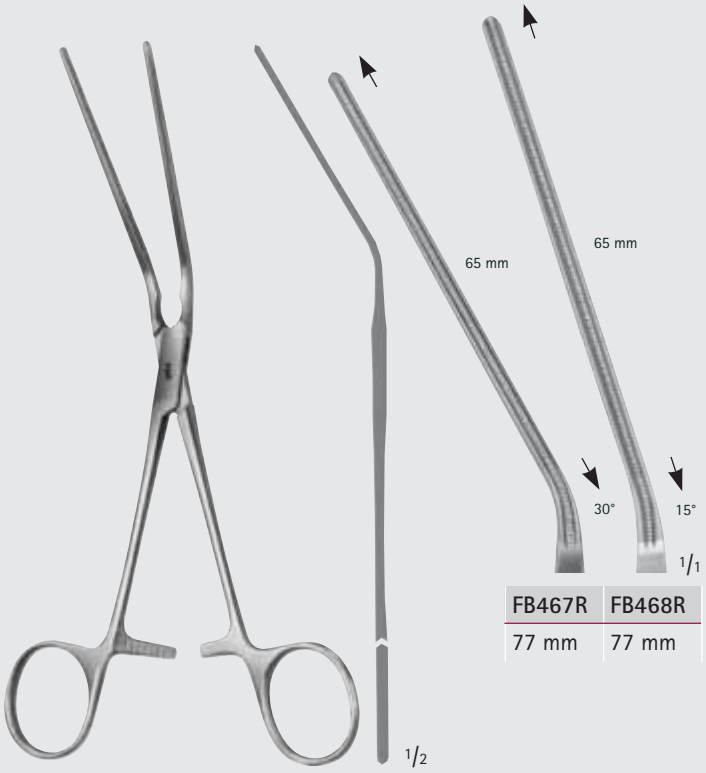
200 mm, 8"



DE BAKEY

FB466R

180 mm, 7"

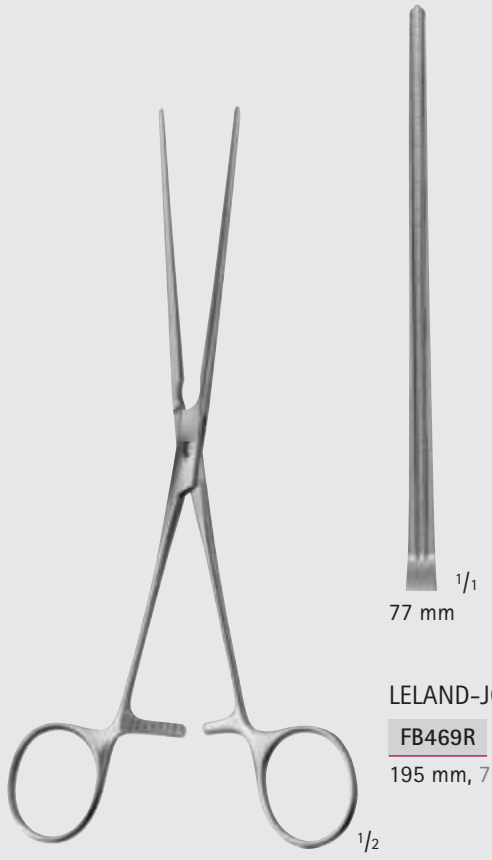


FB467R	FB468R
77 mm	77 mm

LELAND-JONES

FB467R–FB468R

190 mm, 7 1/2"



LELAND-JONES

FB469R

195 mm, 7 3/4"

DE BAKEY

FB470R

Iliaca-Klemme

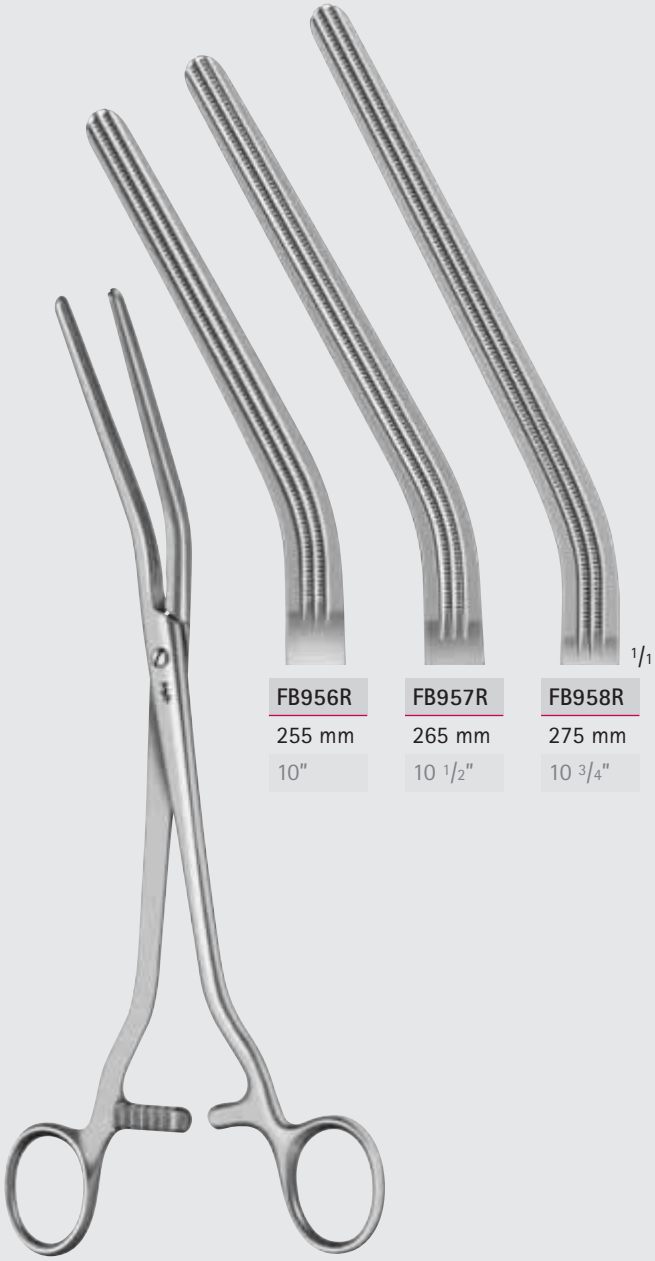
Iliac clamp

200 mm, 8"

WERTHEIM

BJ581R

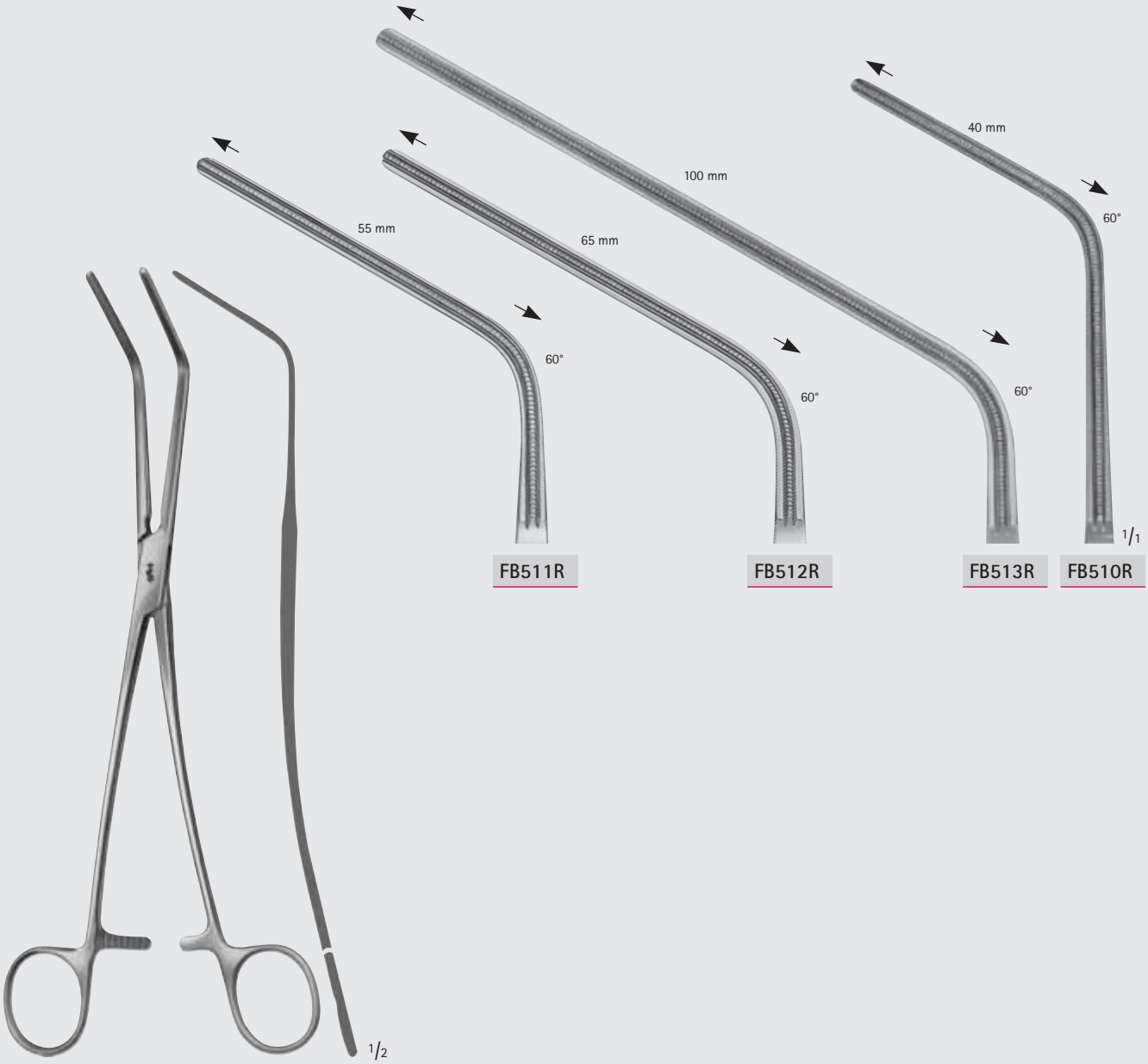
250 mm, 10"



FB956R	FB957R	FB958R
255 mm	265 mm	275 mm
10"	10 1/2"	10 3/4"

DICK

FB956R–FB958R



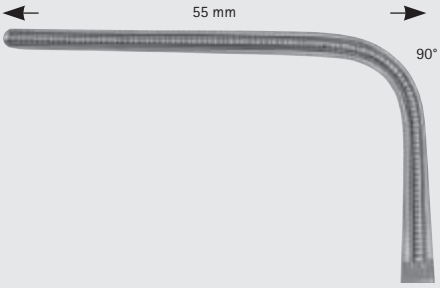
FB511R | FB512R | FB513R | FB510R

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"

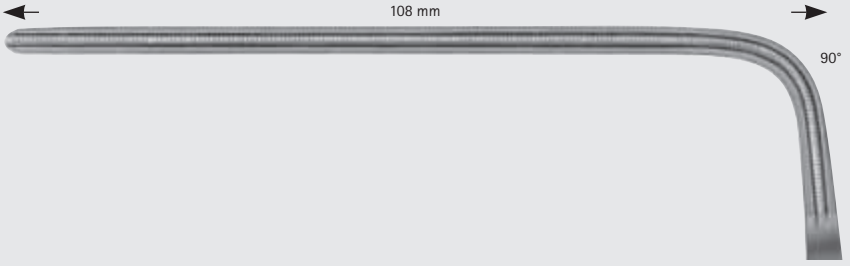
MILLIMETERS

FB515R



FB516R

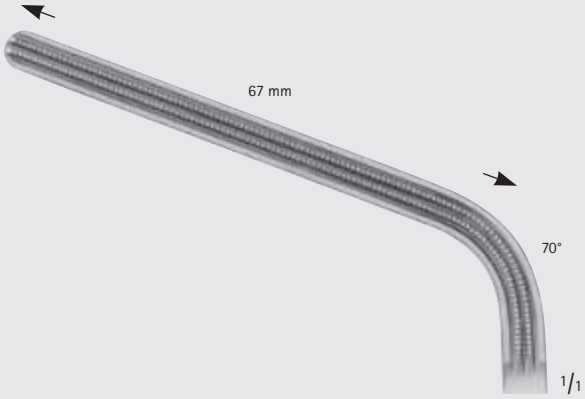
FB517R



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"

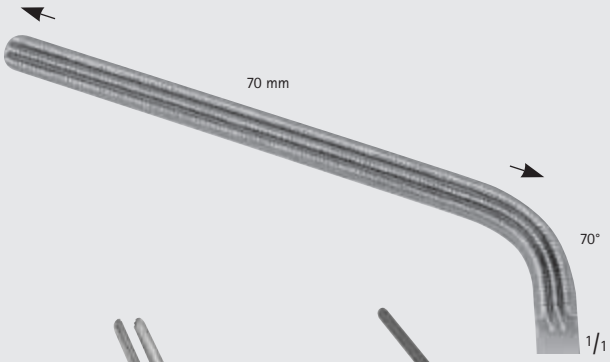


93 mm

MORRIS

FB493R

175 mm, 7"



93 mm

DE BAKEY (MORRIS MODIF.)

FB494R

240 mm, 9"

90 mm

95 mm

LEES

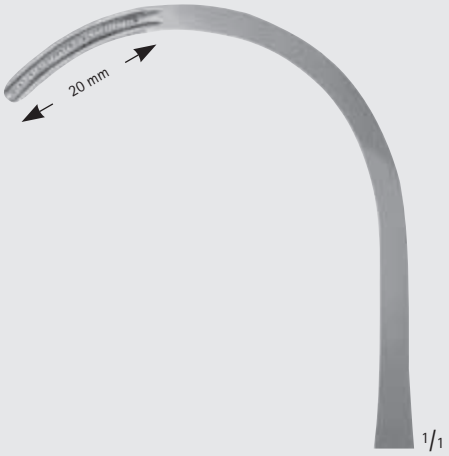
FB573R

220 mm, 8 3/4"

LEES

FB574R

245 mm, 9 3/4"



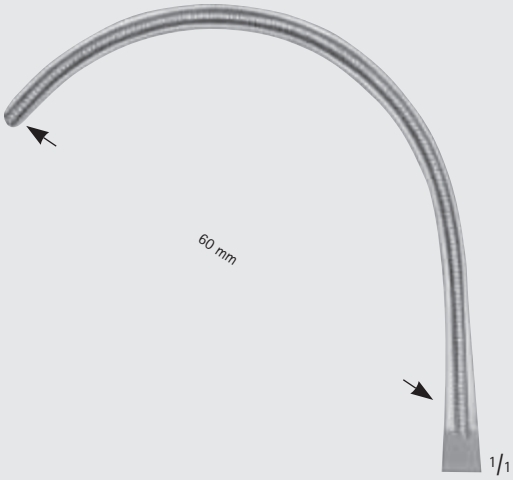
1/1
100 mm

1/2

DE BAKEY (SEMB MODIF.)

FB482R

265 mm, 10 1/2"



1/1
111 mm

1/2

DE BAKEY

FB481R

270 mm, 10 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Aneurysma-Klemmen

Aorta-Aneurysm-Clamps

ARAUMATA®

DE BAKEY Zahnung

Toothing DE BAKEY

DE BAKEY

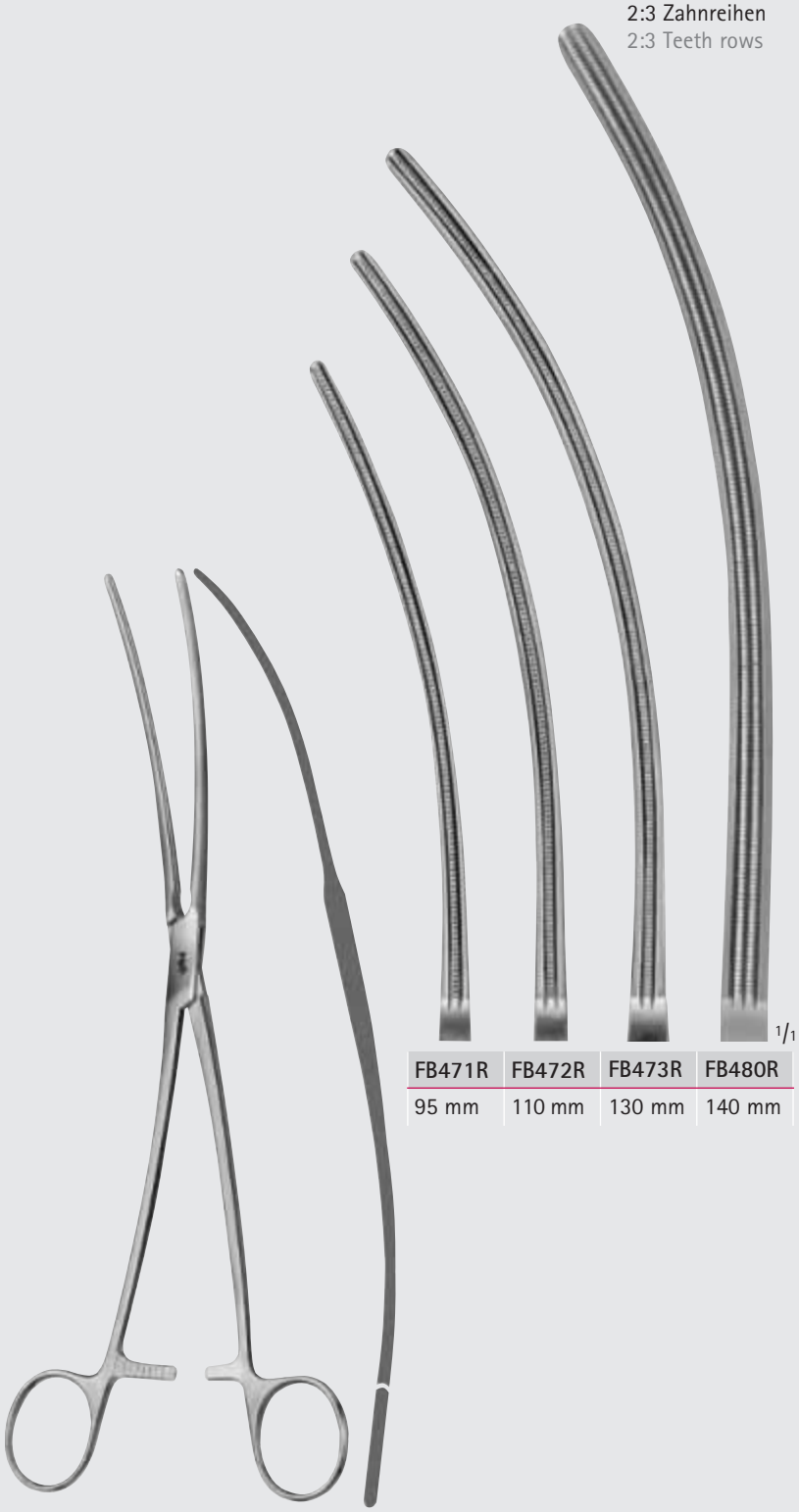
FB476R	255 mm	10"
FB477R	265 mm	10 1/2"
FB478R	280 mm	11"

INCHES

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Aneurysma-Klemmen
Aorta-Aneurysm-Clamps

2:3 Zahnreihen
2:3 Teeth rows



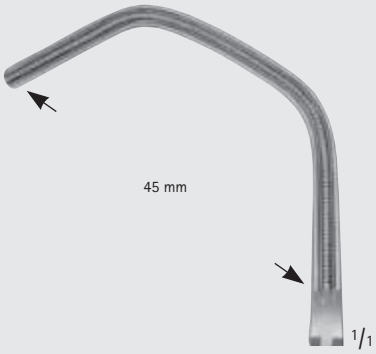
FB471R	FB472R	FB473R	FB480R
95 mm	110 mm	130 mm	140 mm

DE BAKEY

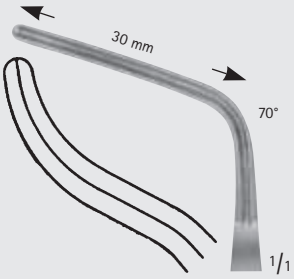
FB471R	250 mm	10"
FB472R	300 mm	12"
FB473R	315 mm	12 1/2"
FB480R	330 mm	13"

DE BAKEY

FB475R
300 mm, 12"



75 mm



53 mm

DIETHRICH

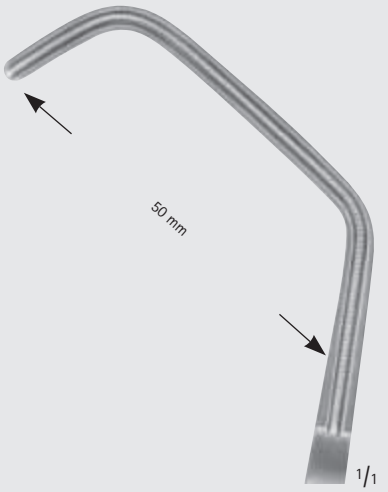
FB525R

210 mm, 8 1/4"

SUBRAMANIAN (MODIF.)

FB578R

155 mm, 6"

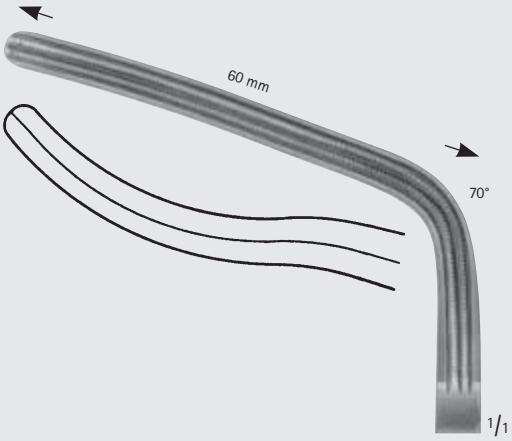


93 mm

OCHSNER

FB495R

260 mm, 10 1/4"



95 mm

DE BAKEY

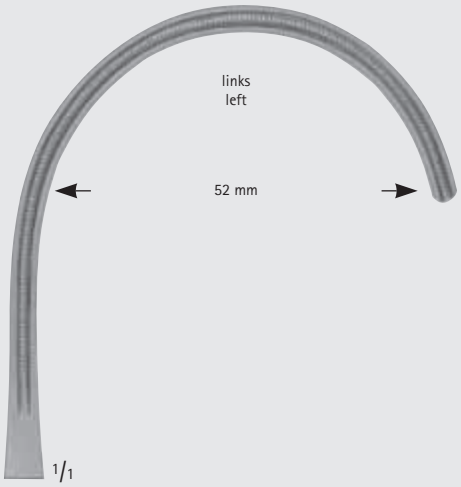
FB576R

265 mm, 10 1/2"

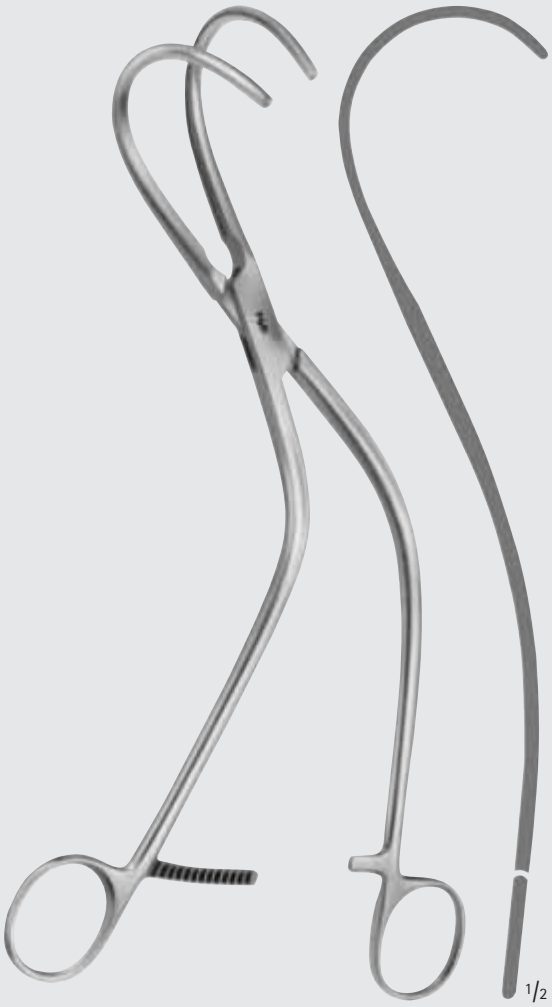
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Anastomosenklemmen

Aorta-Anastomosis Clamps



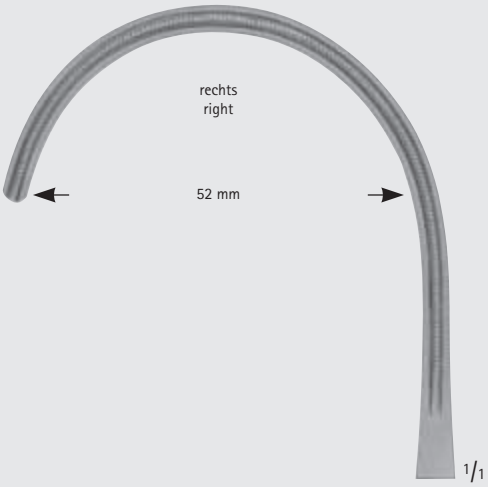
113 mm



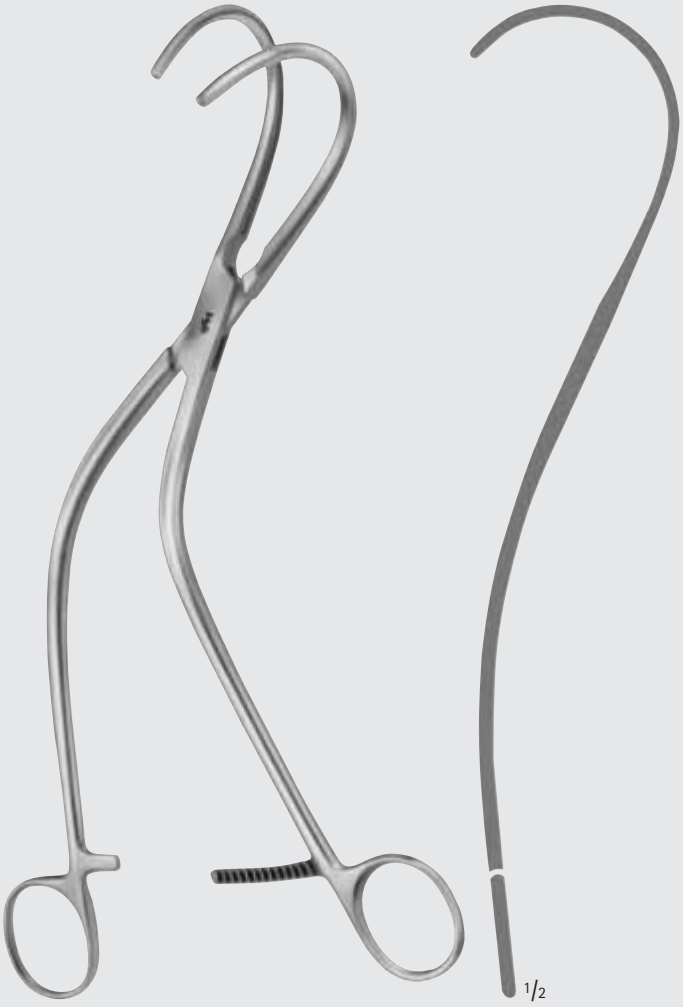
WEBER

FB488R

260 mm, 10 1/4"



113 mm



WEBER

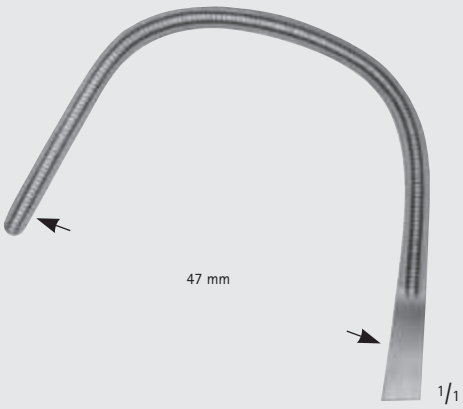
FB489R

260 mm, 10 1/4"

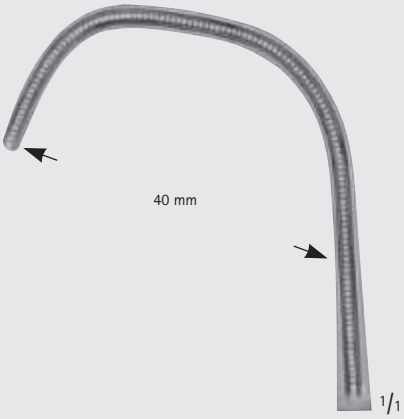
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aorta-Anastomosenklemmen

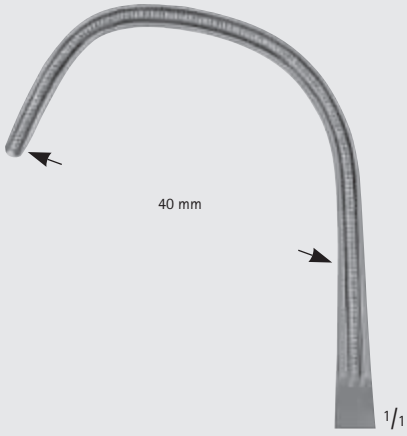
Aorta-Anastomosis Clamps



100 mm



93 mm



97 mm

LAMBERT-KAY

FB492R

210 mm, 8 1/4"

LAMBERT-KAY

FB490R

215 mm, 8 1/2"

DE BAKEY (MOD. LAMBERT)

FB491R

255 mm, 10"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

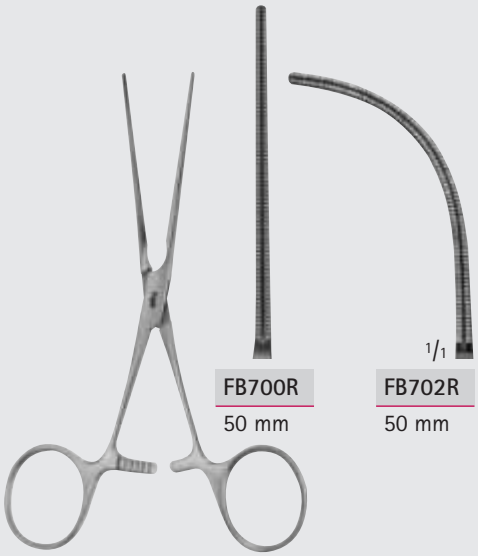
Bulldogklemmen mit Ringgriffen

Ring Handle Bulldog Clamps

ARAUMATA®

COOLEY Zahnung

Toothing COOLEY



FB700R 50 mm

FB702R 50 mm

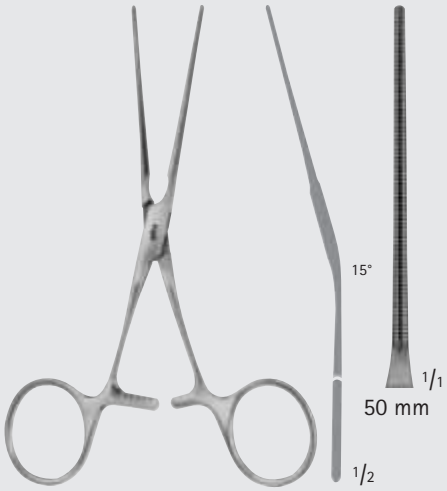
COOLEY

FB700R	125 mm	5"
FB702R	115 mm	4 1/2"

COOLEY

FB707R

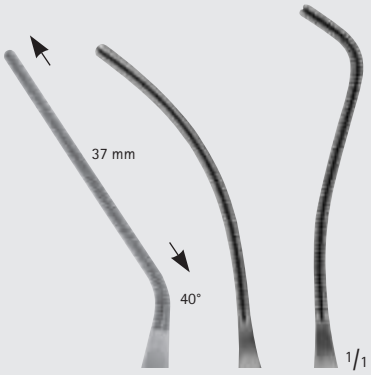
100 mm, 4"



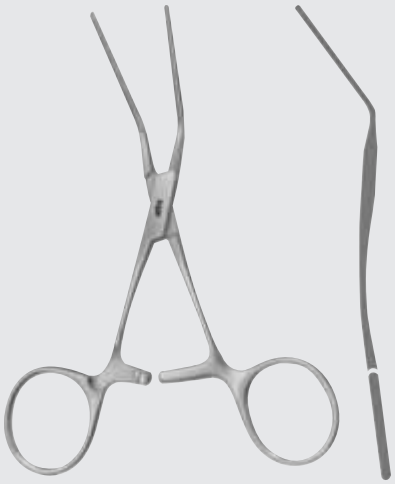
COOLEY

FB701R

125 mm, 5"

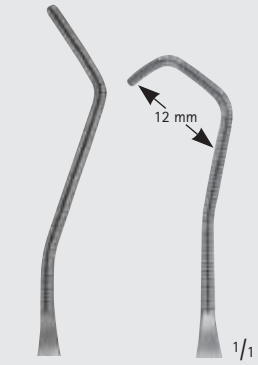


FB704R	FB703R	FB706R
50 mm	50 mm	52 mm



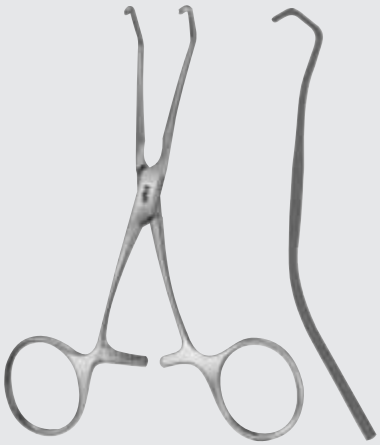
COOLEY

FB704R	120 mm	4 3/4"
FB703R	125 mm	5"
FB706R	125 mm	5"



FB705R 50 mm

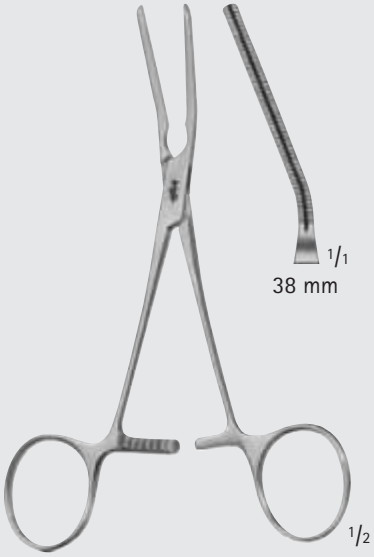
FB708R 50 mm



COOLEY

FB705R	120 mm	4 3/4"
FB708R	115 mm	4 1/2"

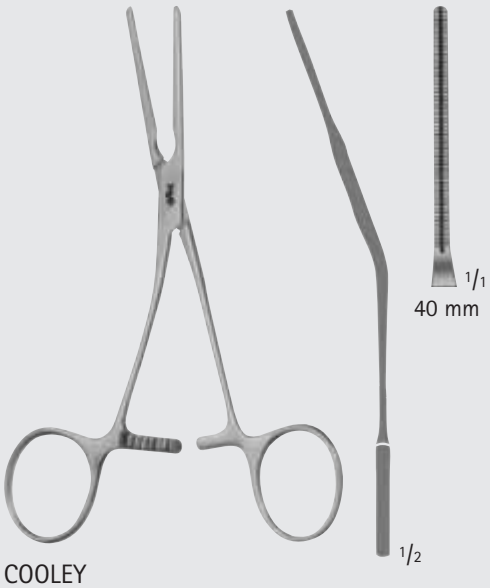
INCHES



COOLEY

FB741R

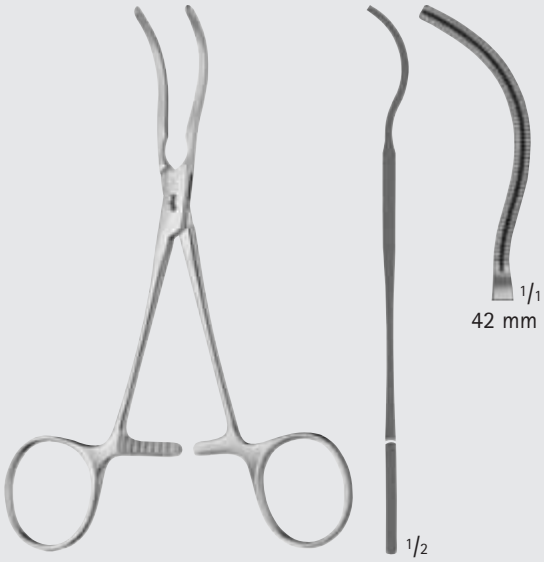
145 mm, 5 3/4"



COOLEY

FB742R

140 mm, 5 1/2"



COOLEY

FB743R

145 mm, 5 3/4"

SATINSKY

MB613R

140 mm, 5 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

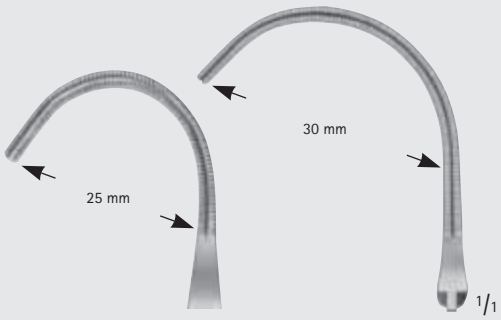
Anastomosenklemmen, Kinder-Modelle

Anastomosis Clamps, Pediatric Patterns

ARAUMATA®

COOLEY Zahnung

Toothing COOLEY

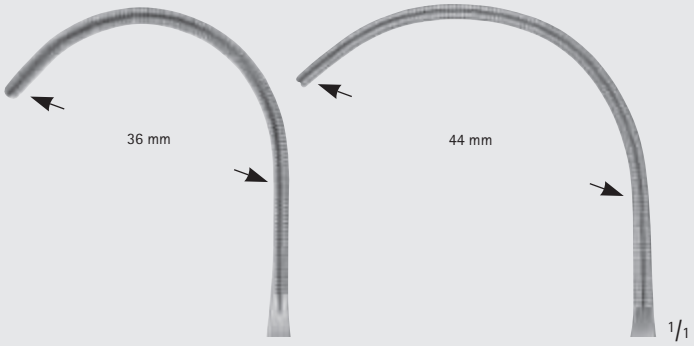


FB731R
56 mm

FB732R
63 mm

COOLEY-BECK

FB731R	150 mm	6"
FB732R	155 mm	6"



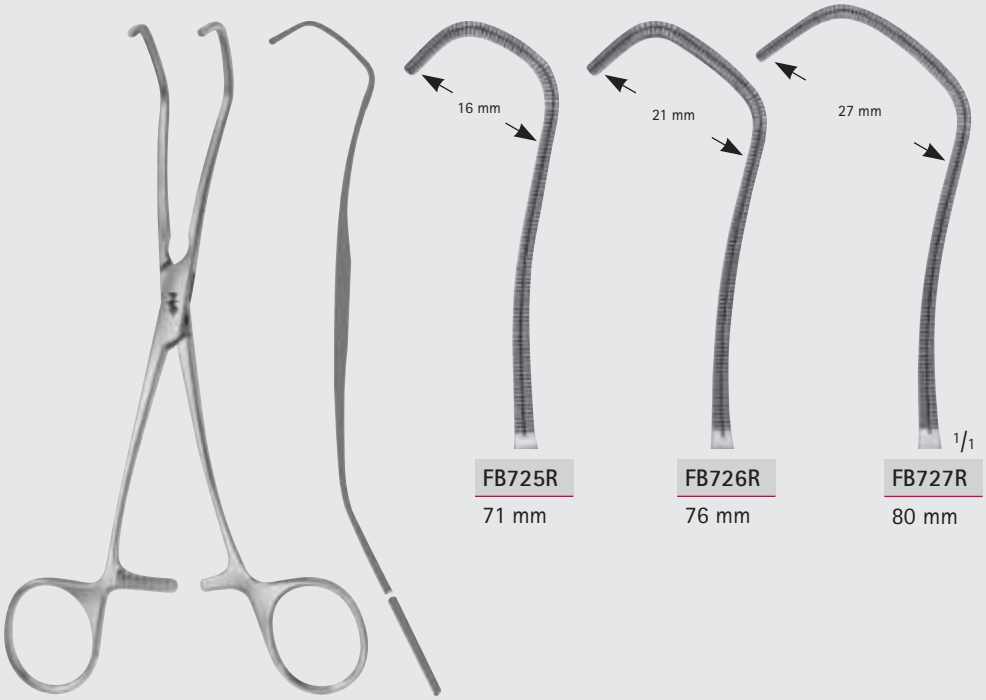
FB734R
82 mm

FB735R
82 mm

COOLEY

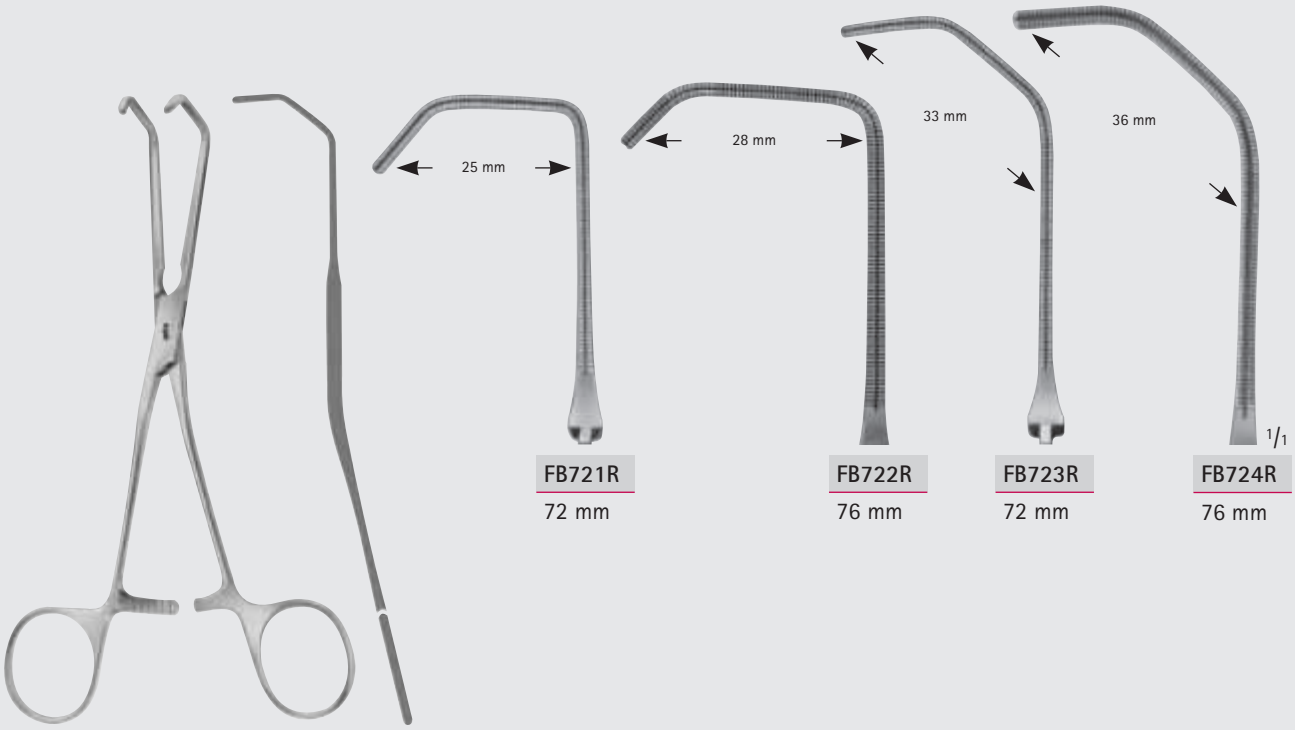
FB734R–FB735R

170 mm, 6 3/4"



DERRA-COOLEY

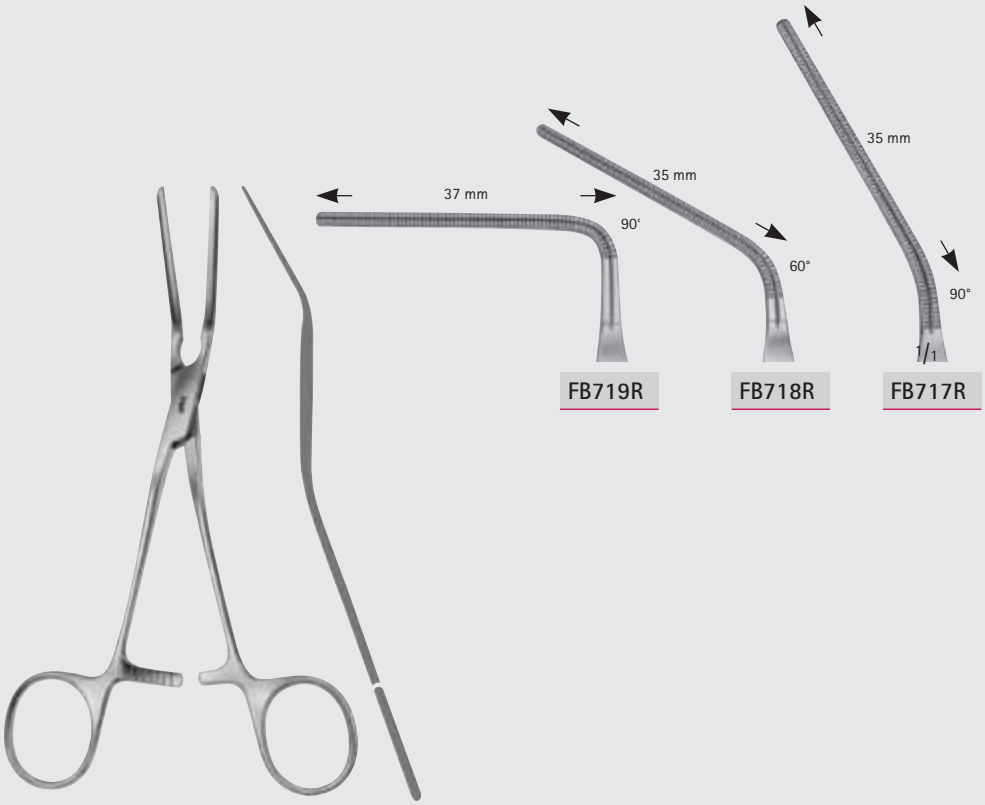
FB725R	170 mm	6 3/4"
FB726R	175 mm	7"
FB727R	175 mm	7"



COOLEY

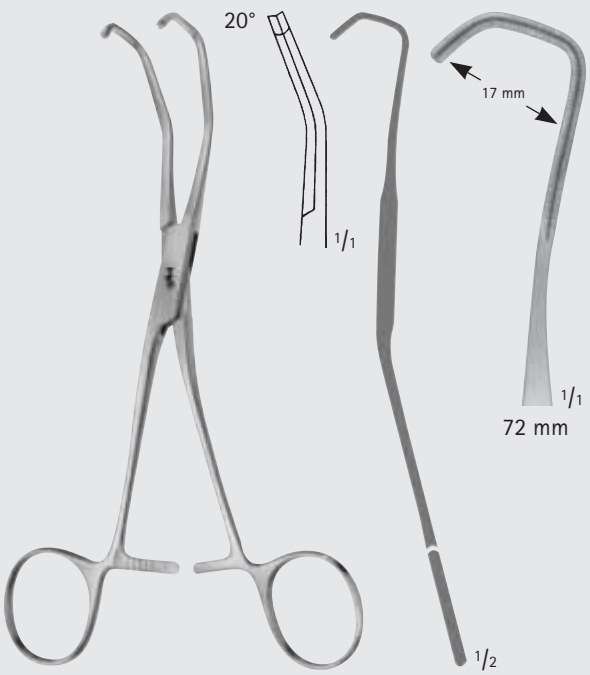
FB721R	165 mm	6 1/2"
FB722R	165 mm	6 1/2"
FB723R	175 mm	7"
FB724R	180 mm	7"

MILLIMETERS



COOLEY

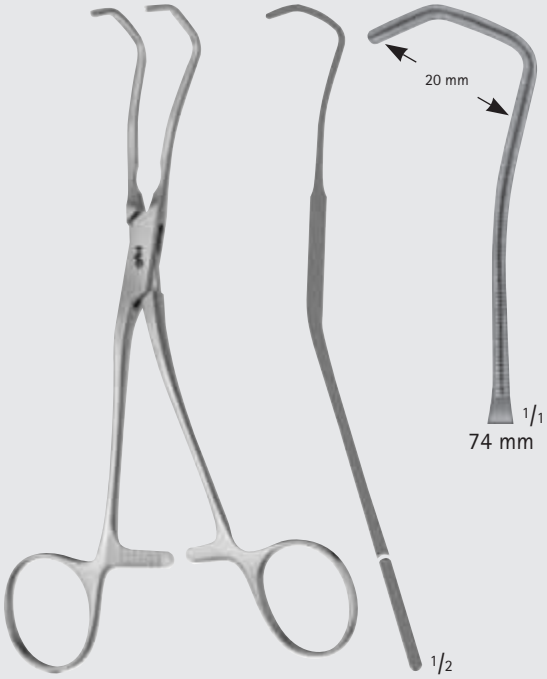
FB719R	150 mm	6"
FB718R	160 mm	6 1/4"
FB717R	165 mm	6 1/2"



COOLEY

FB729R

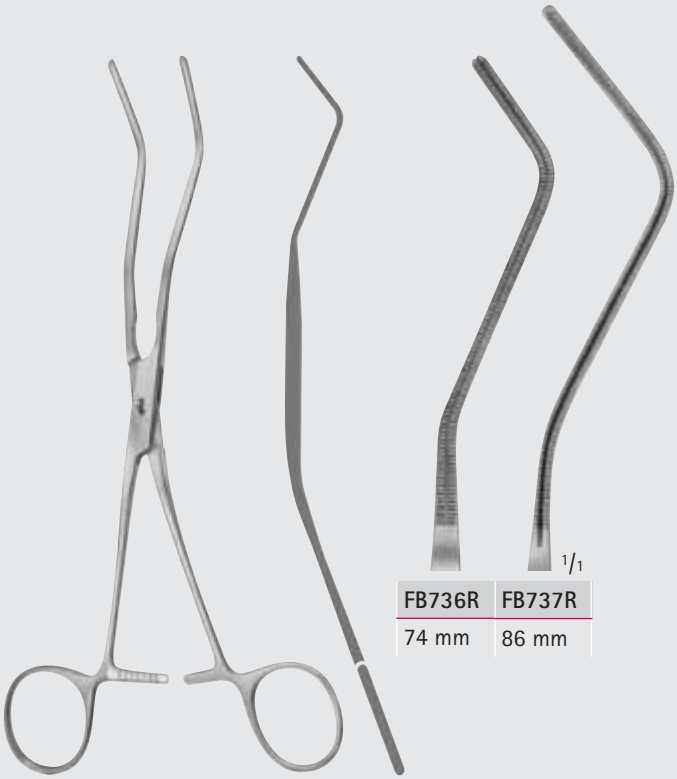
170 mm, 6 3/4"



COOLEY

FB730R

175 mm, 7"



FB736R	FB737R
74 mm	86 mm

COOLEY

FB737R	195 mm	7 3/4"
FB736R	185 mm	7 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

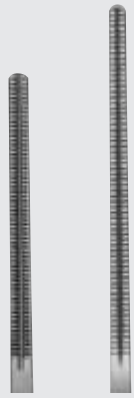
Patent-Ductusklemmen, Coarctationsklemmen, Kinder-Modelle

Patent-Ductus Clamps, Coarctations Clamps, Pediatric Patterns

ARAUMATA®

COOLEY Zahnung

Toothing COOLEY



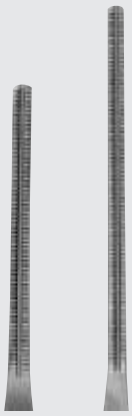
FB710R	FB712R
41 mm	52 mm

1/1

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"



1/1

FB711R	FB714R
41 mm	52 mm

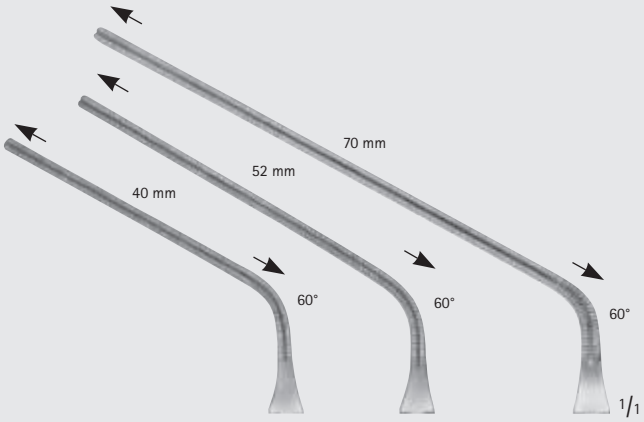
COOLEY

FB711R	160 mm	6 1/4"
FB714R	170 mm	6 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

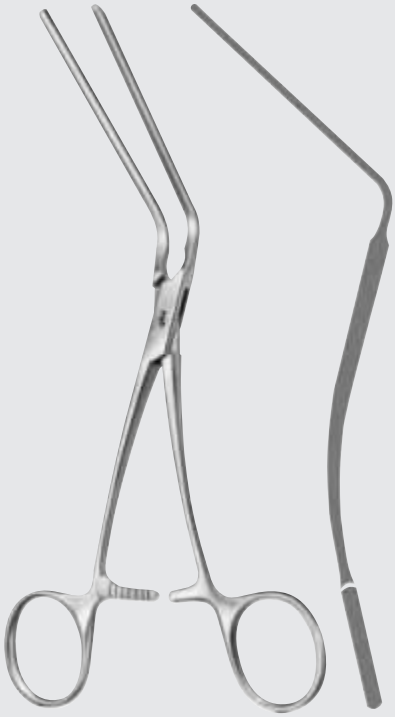
Patent-Ductusklemmen, Coarctationsklemmen, Kinder-Modelle

Patent-Ductus Clamps, Coarctations Clamps, Pediatric Patterns



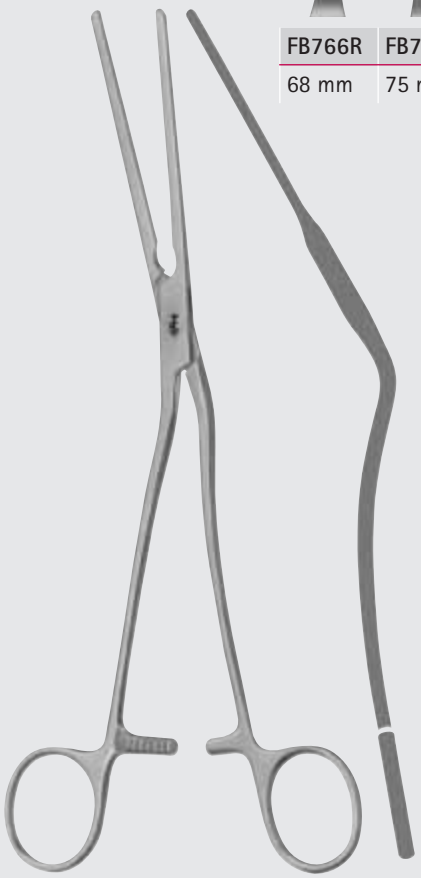
FB754R	FB755R	FB756R

FB766R	FB767R
68 mm	75 mm



COOLEY

FB754R	165 mm	6 1/2"
FB755R	170 mm	6 3/4"
FB756R	185 mm	7 1/4"

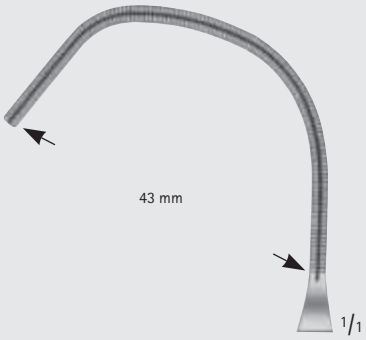


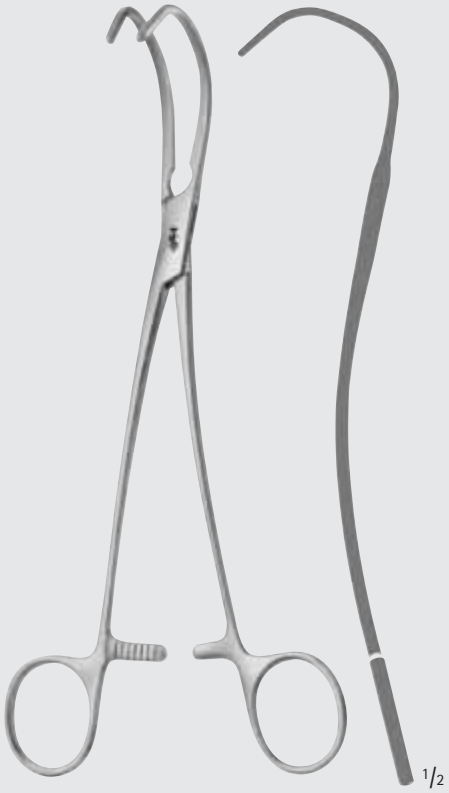
FB766R	225 mm	9"
FB767R	270 mm	10 3/4"

ARAUMATA®

COOLEY Zahnung
Toothing COOLEY

FB

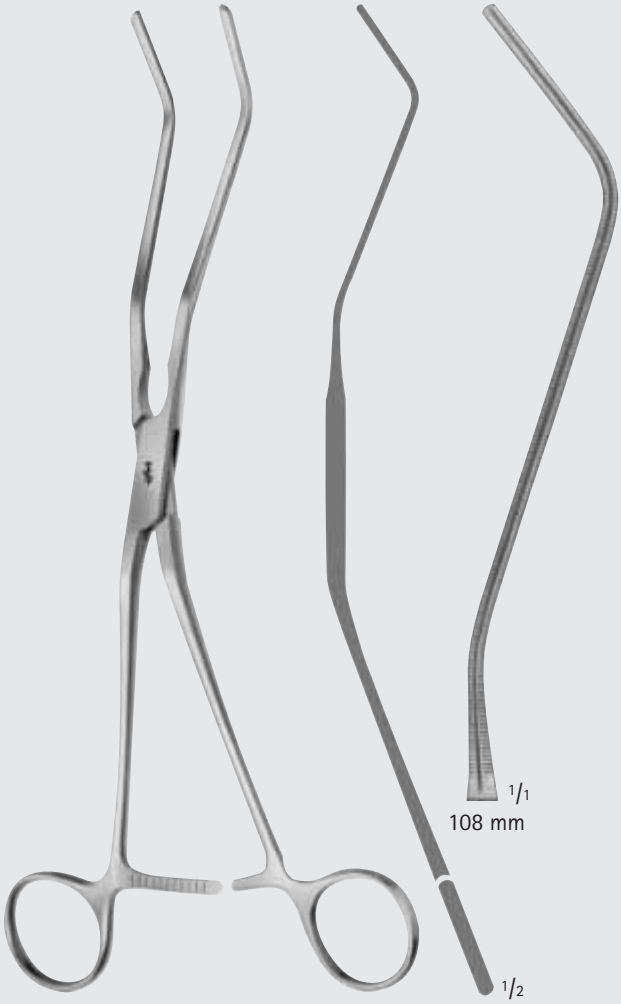




LEITZ

FB795R

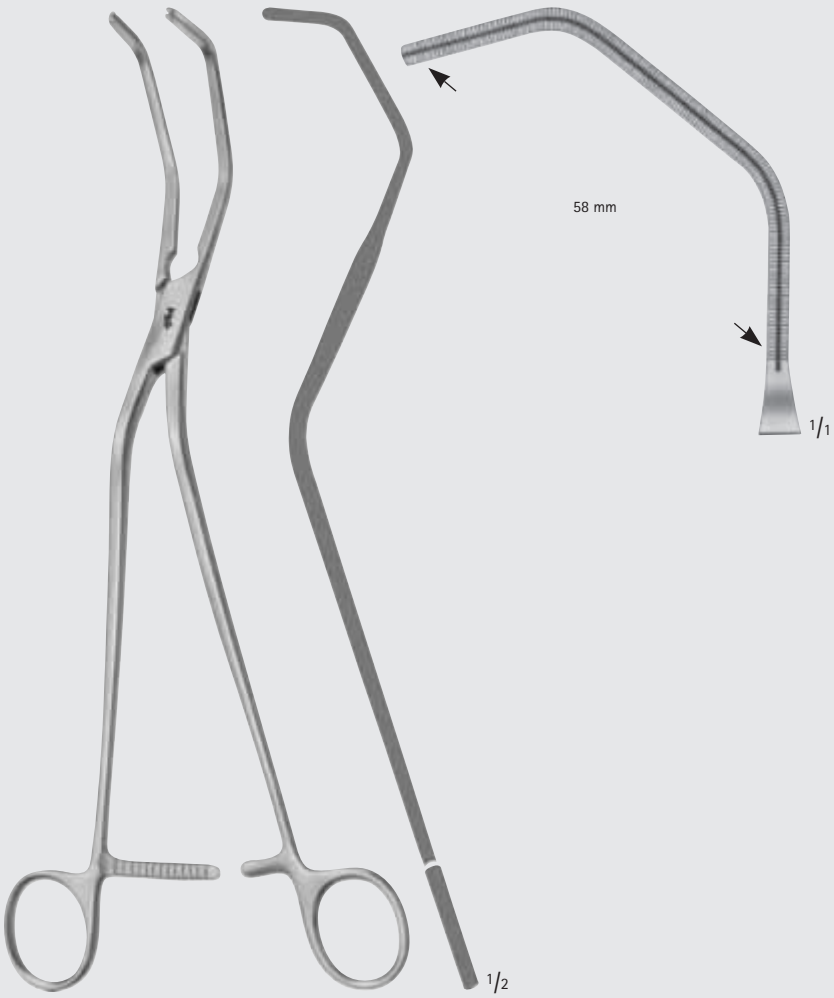
205 mm, 8"



COOLEY

FB738R

260 mm, 10 3/4"



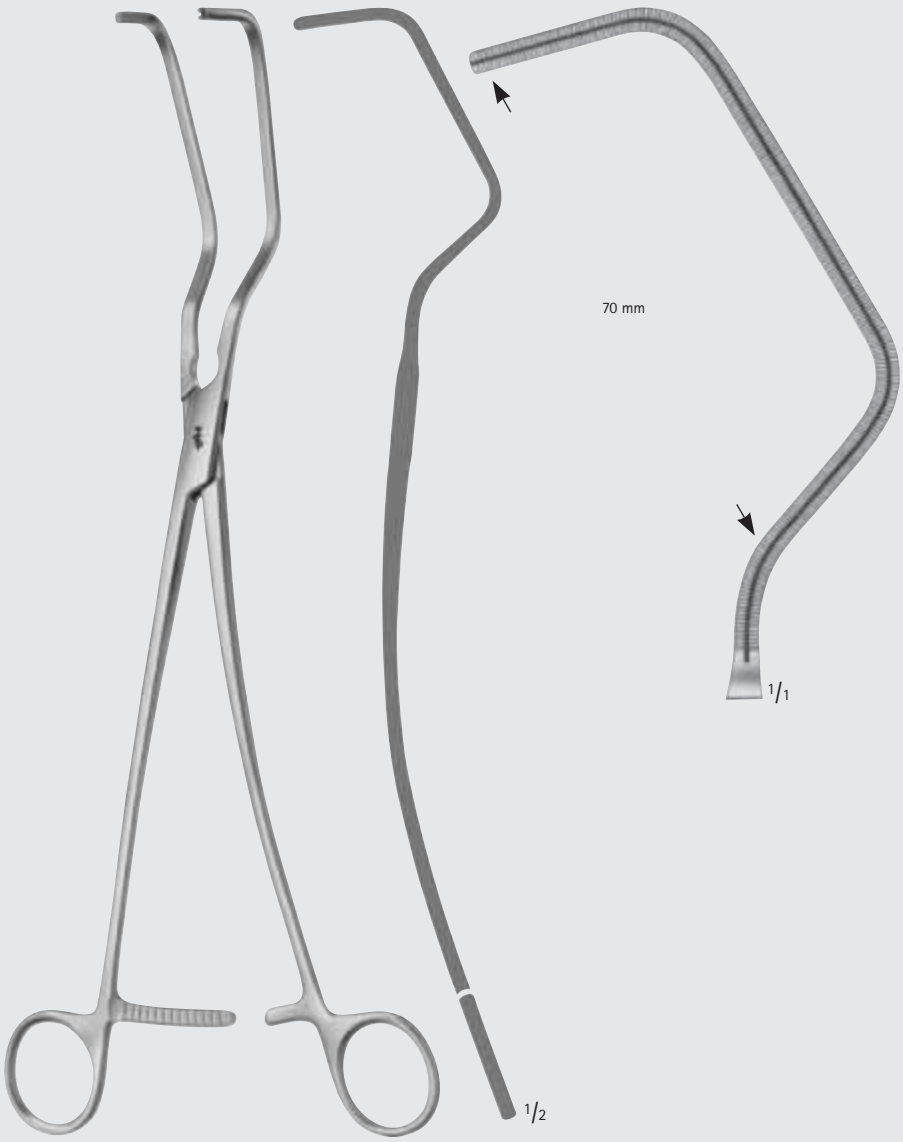
COOLEY

FB773R

260 mm, 10 1/4"

COOLEY Zahnung
Toothing COOLEY

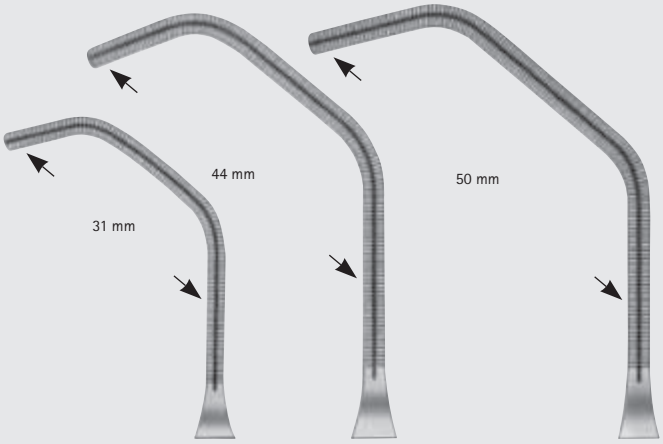
FB



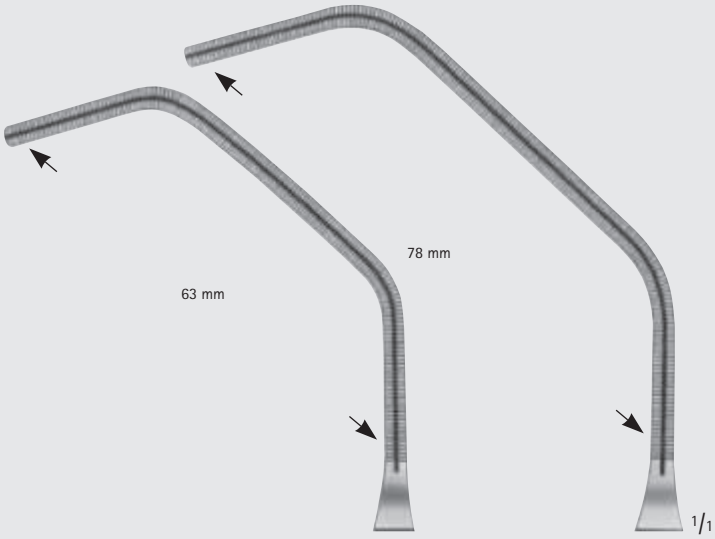
PARRY-COOLEY

FB775R

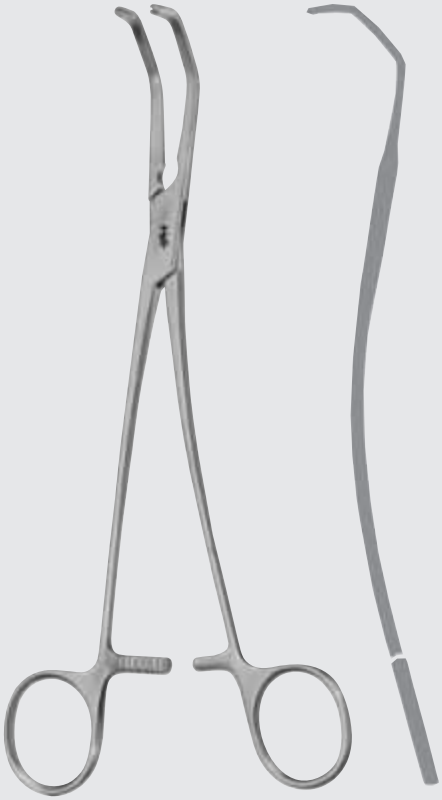
295 mm, 11 3/4"



FB776R	FB777R	FB778R
205 mm	260 mm	265 mm
8"	10 1/4"	10 1/2"



FB779R	FB780R
265 mm	275 mm
10 1/2"	10 3/4"

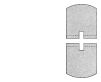


COOLEY

FB776R–FB780R

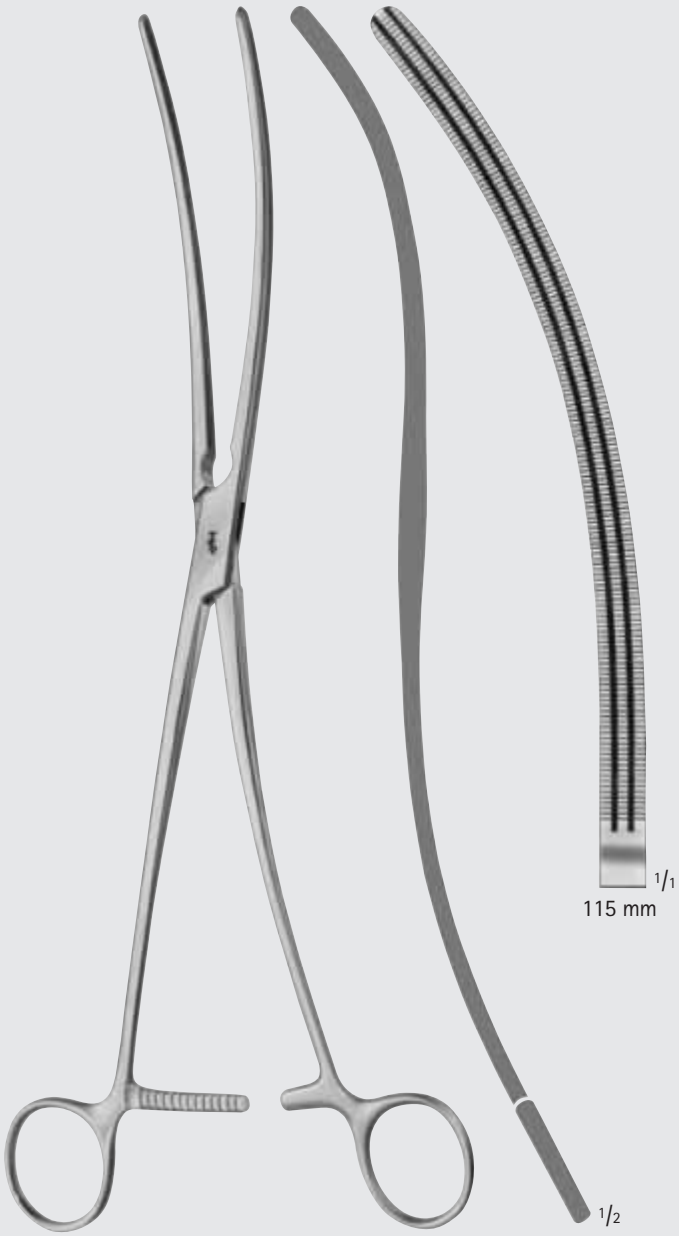
ARAUMATA®

COOLEY Zahnung



Toothing COOLEY

FB



COOLEY

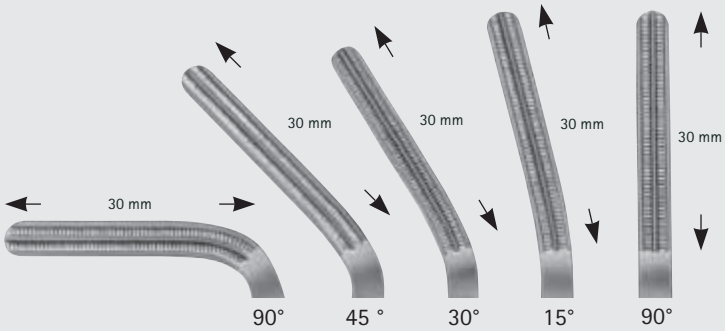
FB764R

320 mm, 12 3/4"

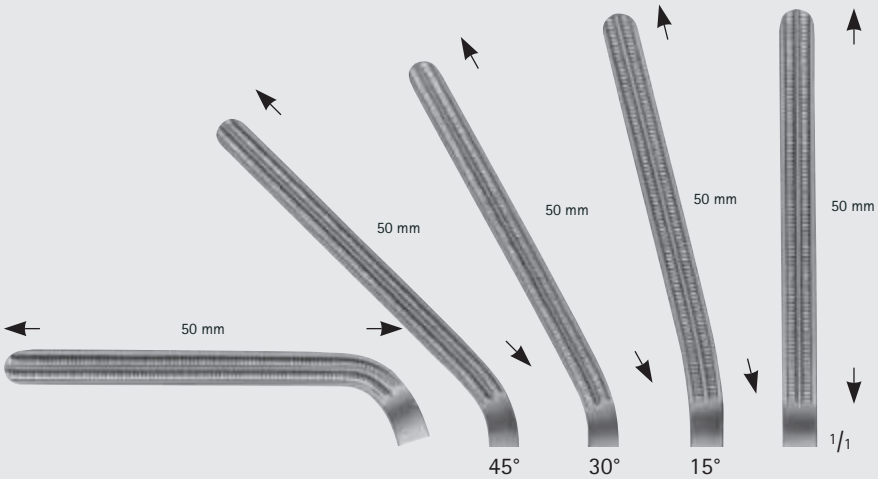
COOLEY

FB765R

285 mm, 11 1/4"



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

EA050R	EA052R
160 mm	215 mm
6 1/4"	8 1/2"

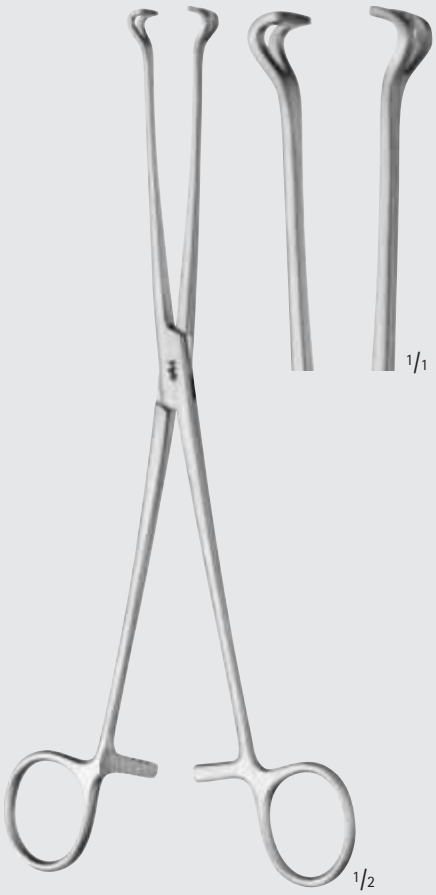
BABCOCK

EA050R–EA052R

BABCOCK

FB936R

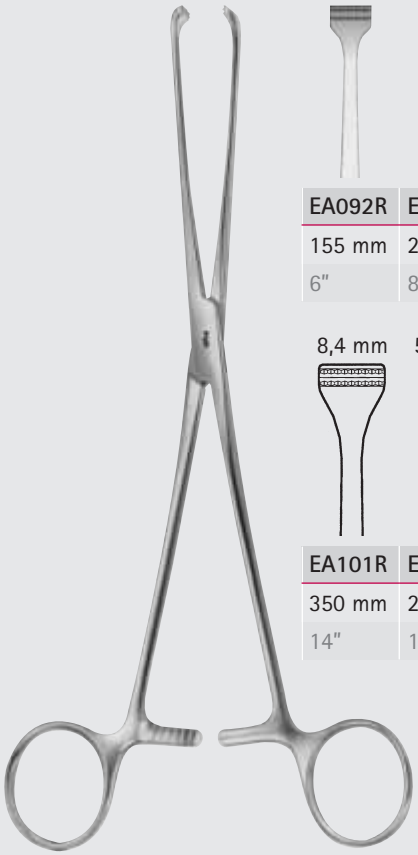
220 mm, 8 3/4"

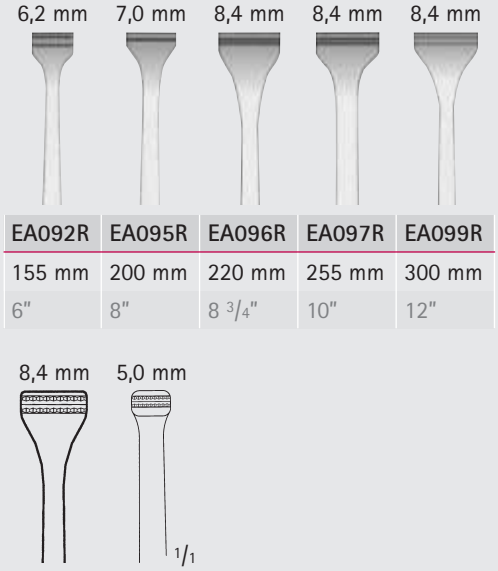


BABCOCK

MD470

240 mm, 9 1/2"





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"

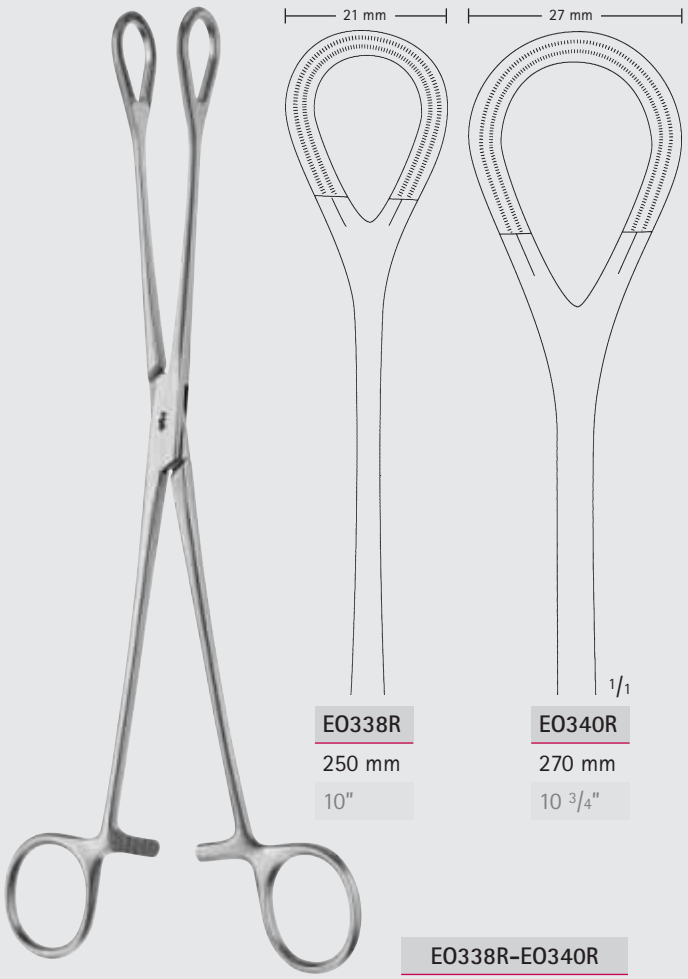
ALLIS

EA092R-EA101R

ALLIS

EA095R

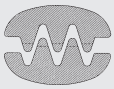
besonders fein
very delicate
200 mm, 8"



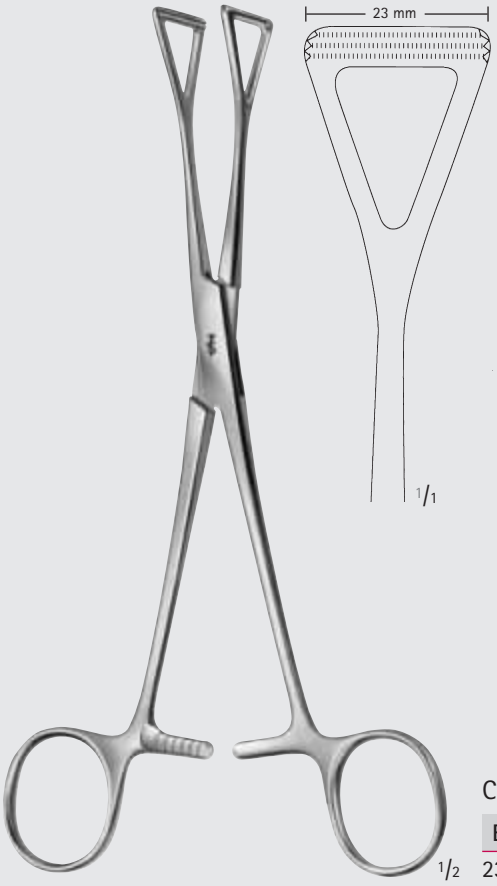
EO338R	EO340R
250 mm	270 mm
10"	10 3/4"

EO338R–EO340R

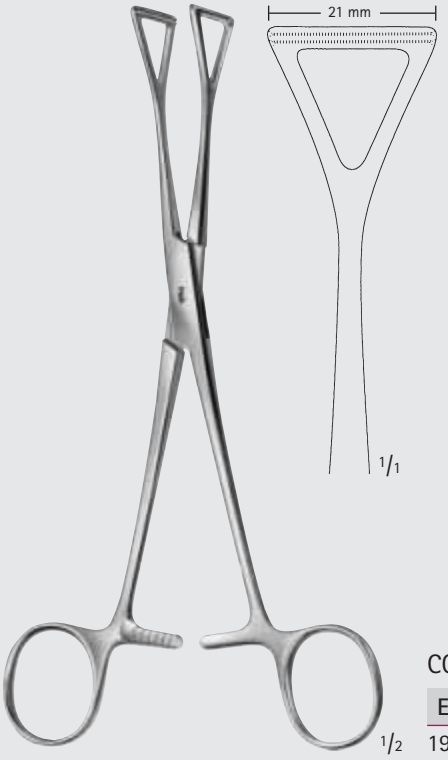
2:3 Zahnreihen



2:3 Teeth rows



COLLIN
EA062R
230 mm, 9"



COLLIN
EA061R
195 mm, 7 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Lungenfasszangen, -pinzetten

Lung Grasping Forceps

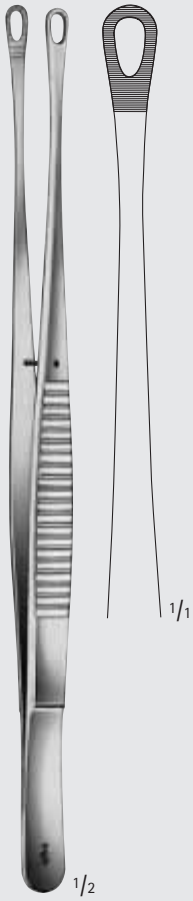
Weitere Gewebefasszangen siehe Rubrik EA
Weitere Ligaturklemmen siehe Rubrik BJ

Further tissue grasping forceps see section EA
Further ligature forceps see section BJ

WILLIAMS

EA028R

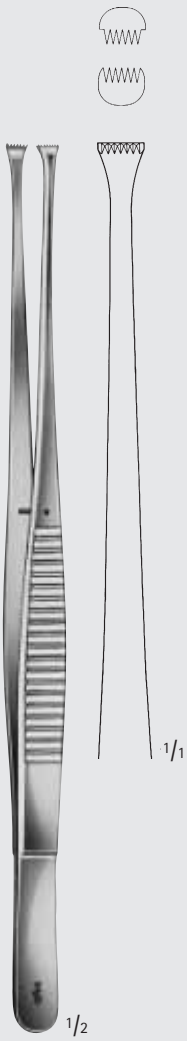
160 mm, 6 1/4"



TUTTLE

BD801R

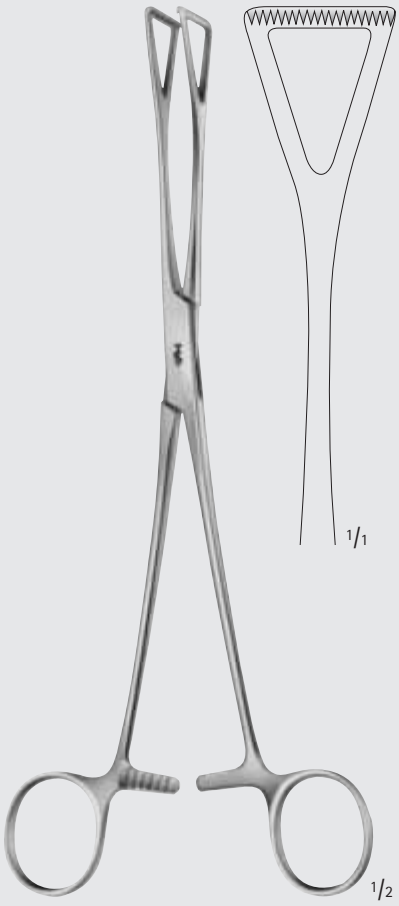
230 mm, 9"



NELSON

BD802R

230 mm, 9"



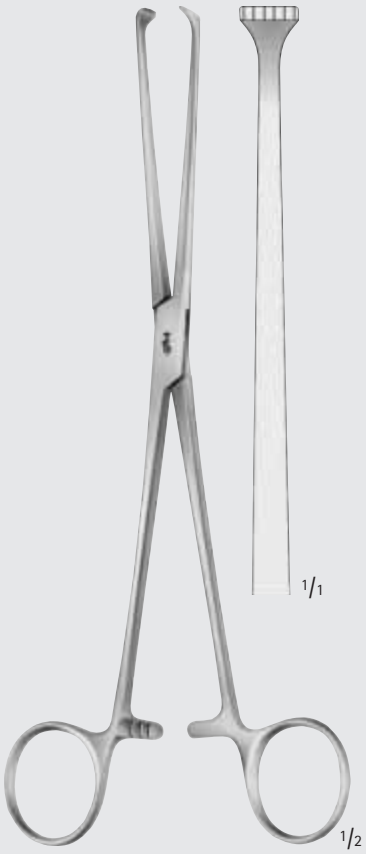
DUVAL

FB930R
230 mm, 9"

EA031R	EA032R	FB934R
170 mm	215 mm	220 mm
6 3/4"	8 1/2"	8 3/4"

BABCOCK

EA031R–FB934R



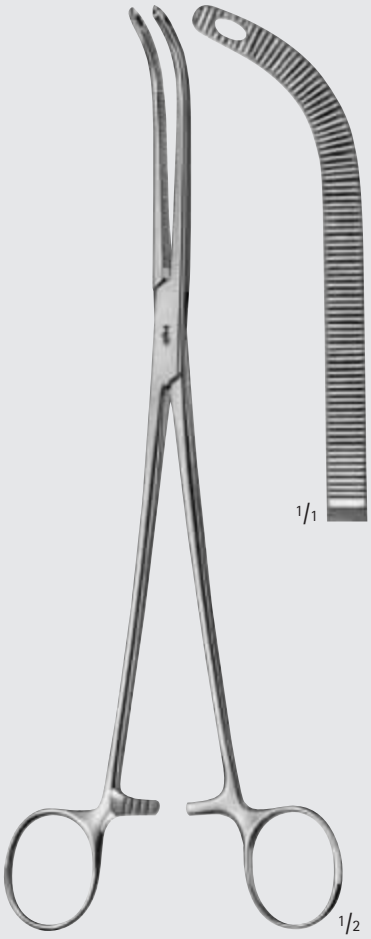
ALLIS

FB938R
220 mm, 8 3/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Präparier- und Ligaturklemmen

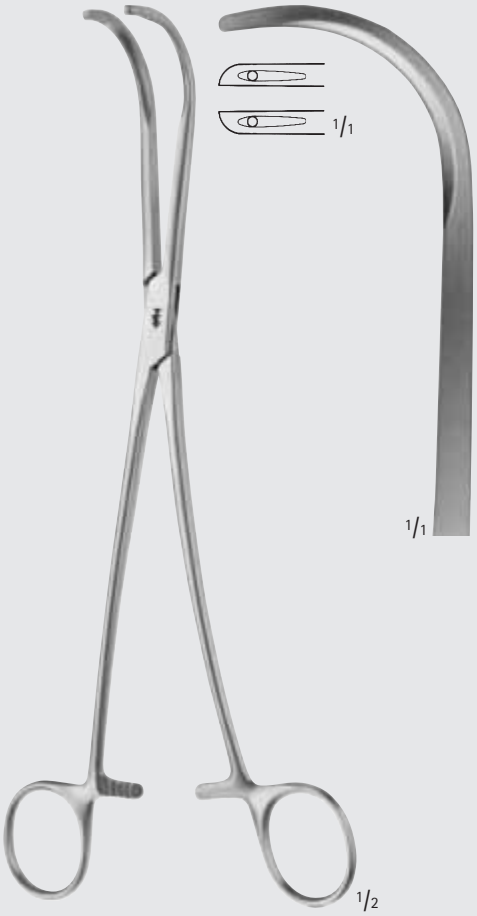
Dissecting- and Ligature Forceps



FINOCHIETTO

BJ052R

245 mm, 9 3/4"



SEMB

FB961R

240 mm, 9 1/2"

WIKSTROEM

BJ051R

205 mm, 8"

MIXTER

BJ055R

230 mm, 9"

BJ061R	BJ062R
220 mm	250 mm
8 3/4"	10"

MIXTER

BJ061R–BJ062R

MIXTER

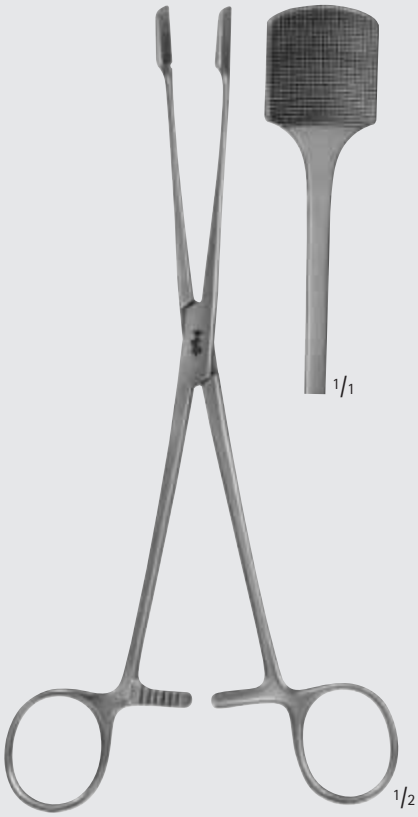
BJ073R

290 mm, 11 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Fixierklemme, Carotis Shunt Klemmen

Fixation Clamp, Carotid Shunt Clamps



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"

MB238R

168 mm

6 5/8"

MB239R

180 mm

7"

JAVID

MB238R-MB239R

Carotis Shunt Klemmen

Carotid shunt clamps

BABY-SATINSKY

FB600R

Anastomosen-Klemme

Anastomosis clamp

150 mm, 6"

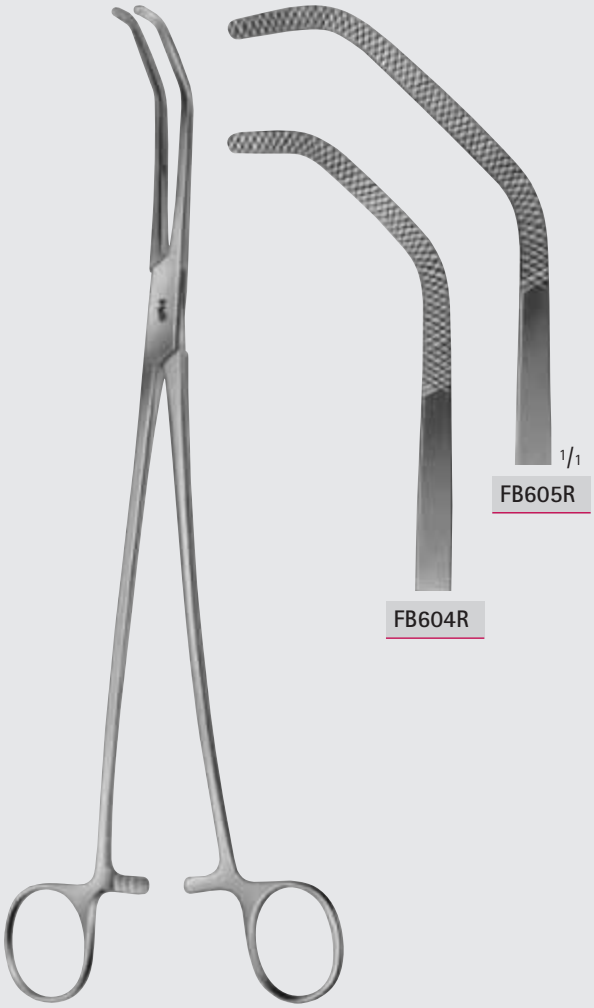
SATINSKY

FB602R

Anastomosen-Klemme

Anastomosis clamp

265 mm, 10 1/2"



SATINSKY

FB604R-FB605R

Anastomosen-Klemmen

Anastomosis clamps

265 mm, 10 1/2"

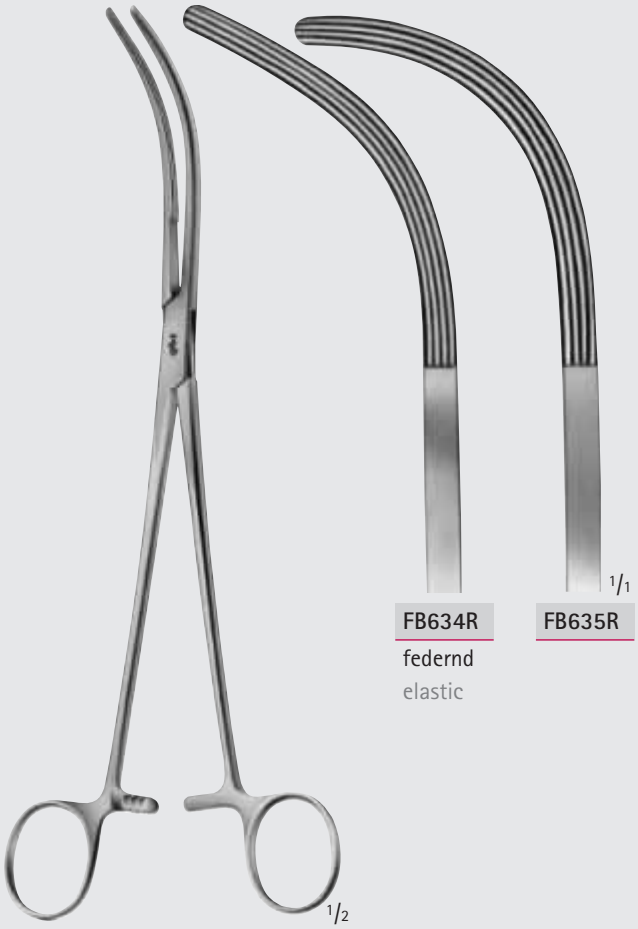
FB

FB633R
federnd
elastic

CRAFOORD-SELLORS

FB633R

240 mm, 9 1/2"



FB634R
federnd
elastic

FB635R

CRAFOORD

FB634R–FB635R

240 mm, 9 1/2"

PRICE-THOMAS

FB950R

225 mm, 9"

FB955R

80 mm

FB954R

60 mm

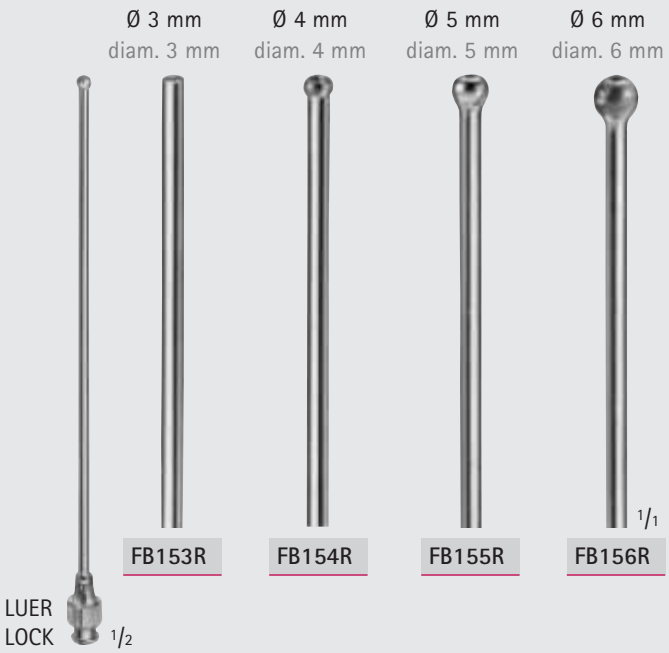
FB954R-FB955R

230 mm, 9"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Spülkanülen, Embolusfasszangen

Irrigating Cannulae, Embolus Grasping Forceps



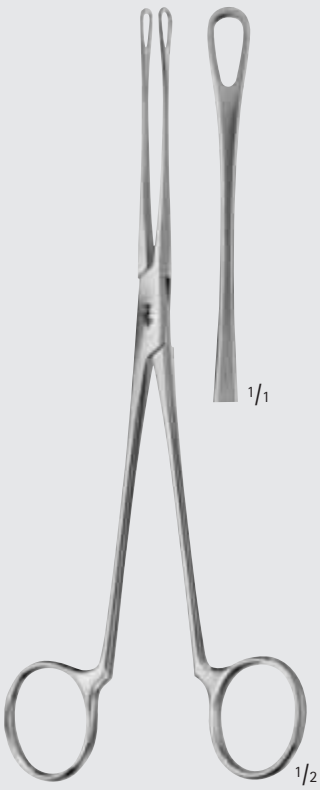
SCHMID

FB153R–FB156R

Gefäß-Spülkanülen, biegsam, versilbert

Vessel irrigating cannulae, malleable, silver plated

150 mm, 6"



BLAKE

EB220R

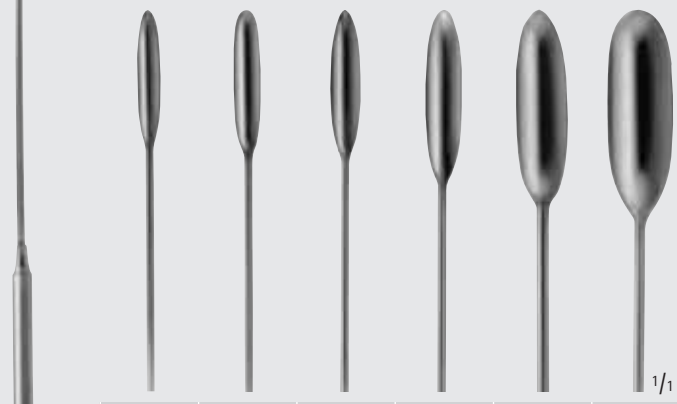
Embolusfasszange

Embolus grasping forceps

205 mm, 8"

FB160R FB161R FB162R FB163R FB164R FB165R

	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



FB166R FB167R FB168R FB169R FB170R FB172R

	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 BAKEY

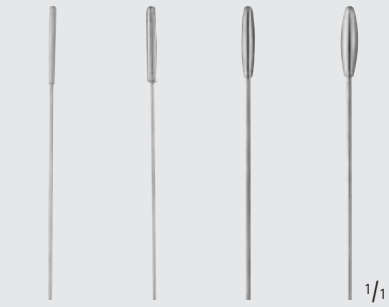
FB160R–FB172R

Gefäßdilatatoren, biegsam

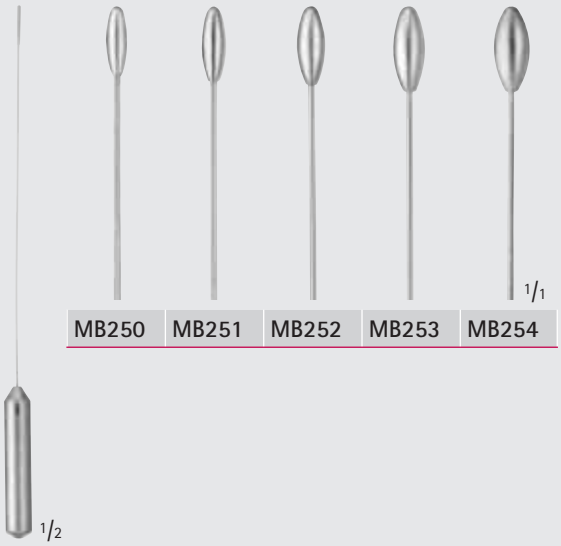
Vascular dilators, malleable

190 mm, 7 1/2"

FB



MB246	MB247	MB248	MB249



MB250	MB251	MB252	MB253	MB254

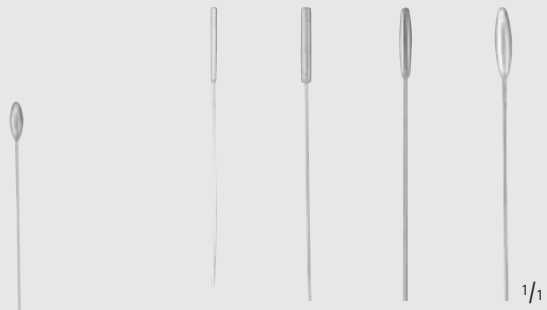
GARRETT

MB245

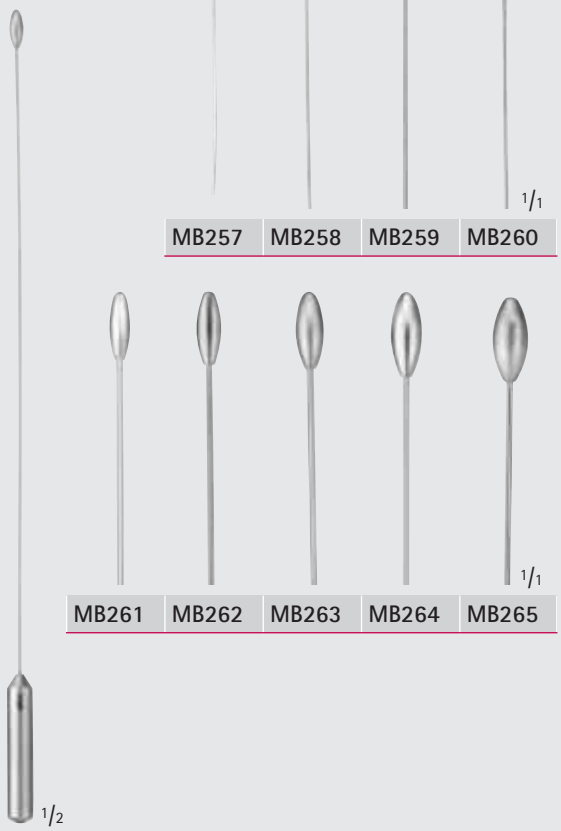
Set komplett,
bestehend aus:
MB246-MB254 jeweils 1 Dilatator

Set complete,
consisting of:
MB246-MB254 1 dilator of each

140 mm, 5 1/2"



MB257	MB258	MB259	MB260



MB261	MB262	MB263	MB264	MB265

GARRETT

MB256

Set komplett,
bestehend aus:
MB257-MB265 jeweils 1 Dilatator

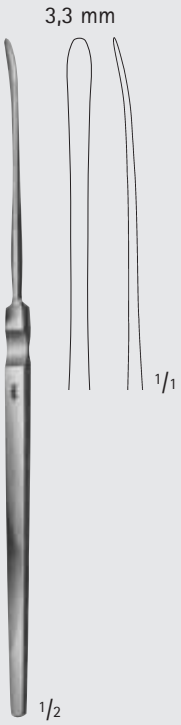
Set complete,
consisting of:
MB257-MB265 1 dilator of each

215 mm, 8 1/2"

FB150R	185 mm	7 1/4"
FB151R	215 mm	8 1/2"

FD333R

230 mm, 9"



HALLE

OL160R

stumpf
blunt
180 mm, 7"

FREER

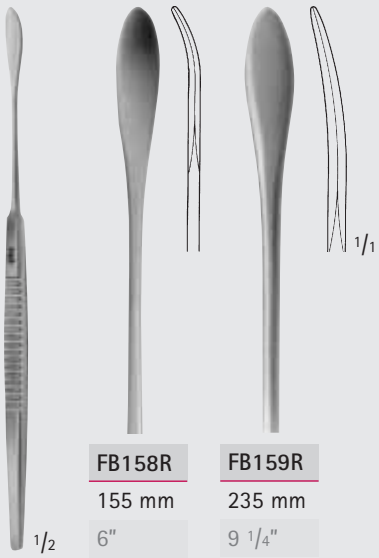
OL165R

scharf/stumpf
sharp/blunt
185 mm, 7 1/4"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Gefäßspatel

Vascular Spatulas



FB158R	FB159R
155 mm	235 mm
6"	9 1/4"

SCHMID

FB158R–FB159R

stumpf

blunt

DAVIS

FF300R

245 mm, 9 3/4"

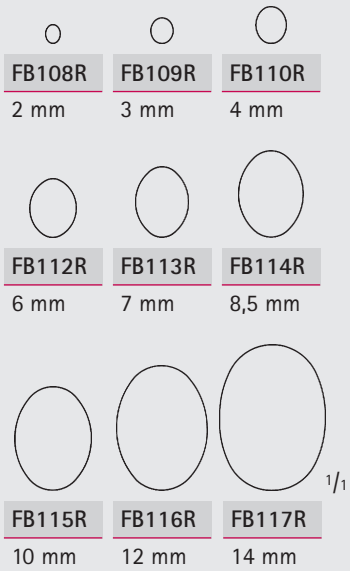
FF301R

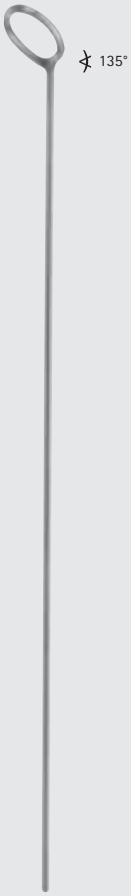
FF302R

TÖNNIS

FF301R–FF302R

240 mm, 9 1/2"





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

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Bioptom und Aorta-Dilatatoren, Aortenstanzen

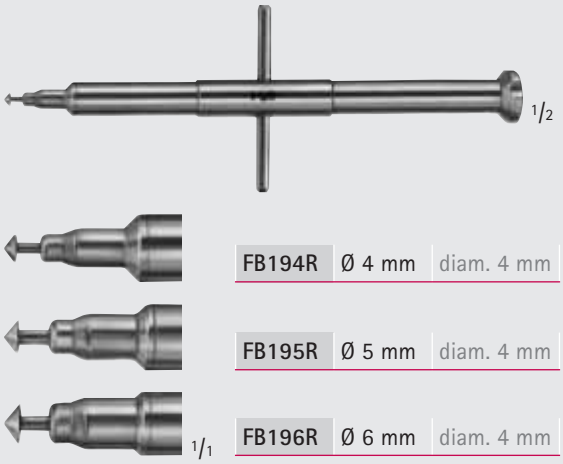
Bioptome und Aortic Dilators, Aorta Punches

SCHULZ

FB200R

Bioptom, mit flexiblem Schaft, mit rundem Maul 3 mm Ø

Bioptome, 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

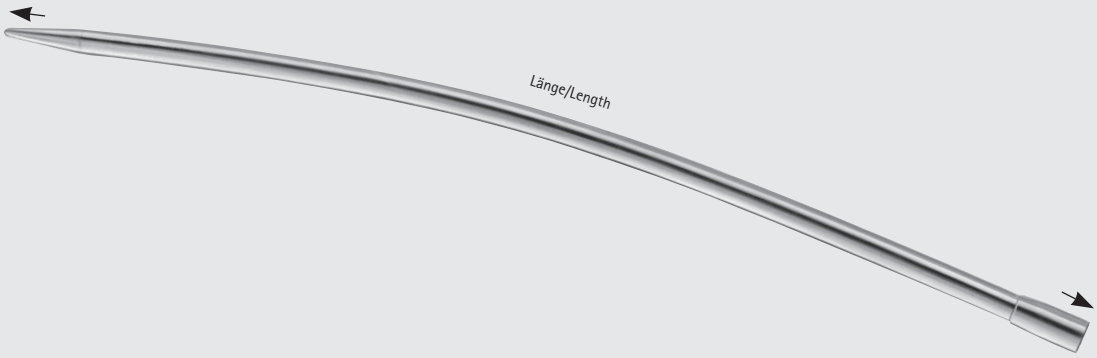
Ø 6 mm

diam. 6 mm

FB180R

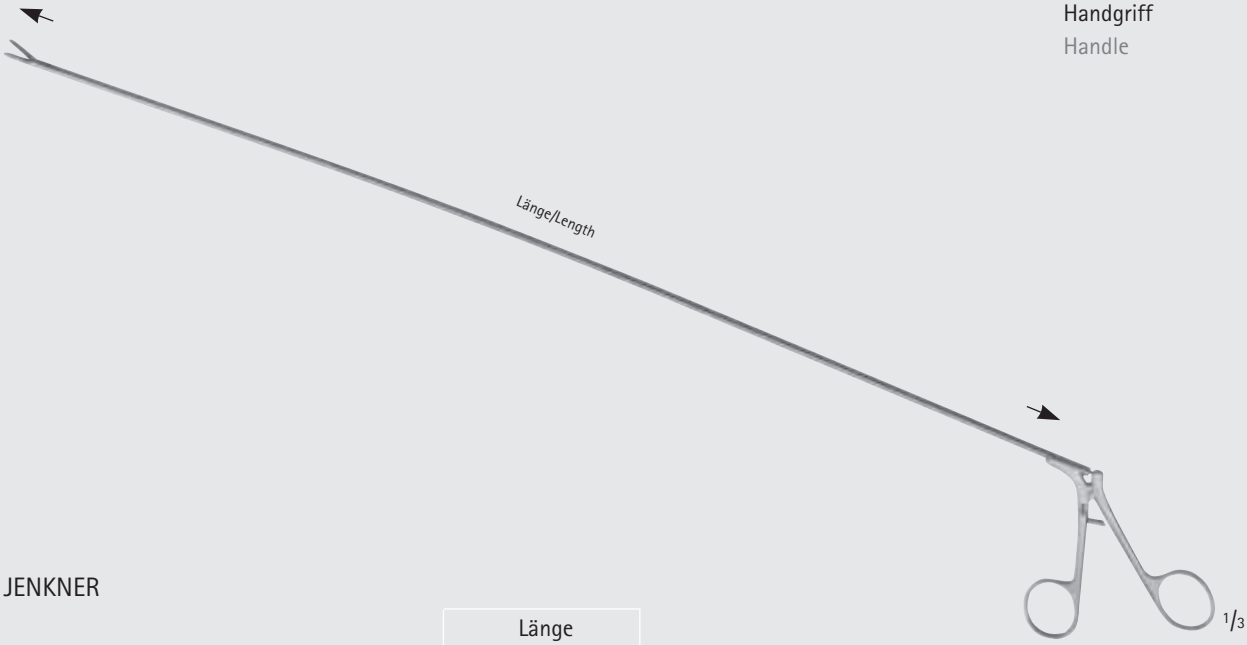
VASCUCUT Handgriff allein

VASCUCUT Handle only



Tunnelierrohr mit Konus
Tunnelling tubes with conical tip

Handgriff
Handle



Durchziehzange
Forceps

JENKNER

		Länge Length	
	Ø Diam.	400 mm 20"	500 mm 20"
Tunnelierrohre mit Konus Tunneling 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.

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 unverrückbar 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"

FC049R

Bulldog-Klemme

Bulldog clamp

40 mm, 1 1/2"

1/1

WITT

SR421R	1,5 x 51 mm

Sternum-Punktionskanüle
mit Luer-Ansatz
Sternal puncture needle
with Luer cone

1/2

SCHUMACHER

FB911R

Sternumschere
Sternum shears
210 mm, 8 1/4"

FB

BRAUN-STADLER

ET141R

Sternumschere für Kinder

Sternum shears for children

200 mm, 8"

LEBSCHE

FB918R

Sternummeißel

Sternum chisel

200 mm, 8"

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"

FB

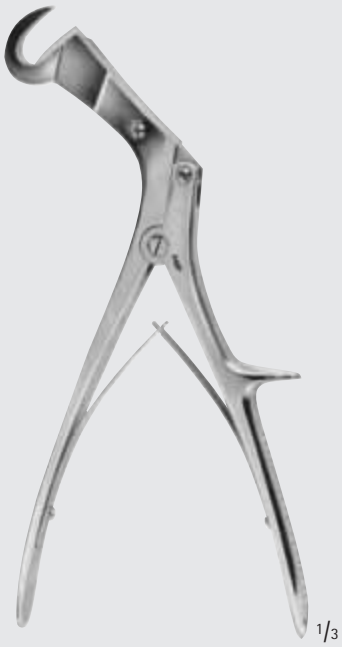
BRUNNER

FB892R

Universalmodell

Universal pattern

340 mm, 13 1/2"



GIERTZ-STILLE

FB890R

250 mm, 10"

SEMB

FO135R

Rippen- und Knochenfasszange

Rib- and bone holding forceps

190 mm, 7 1/2"

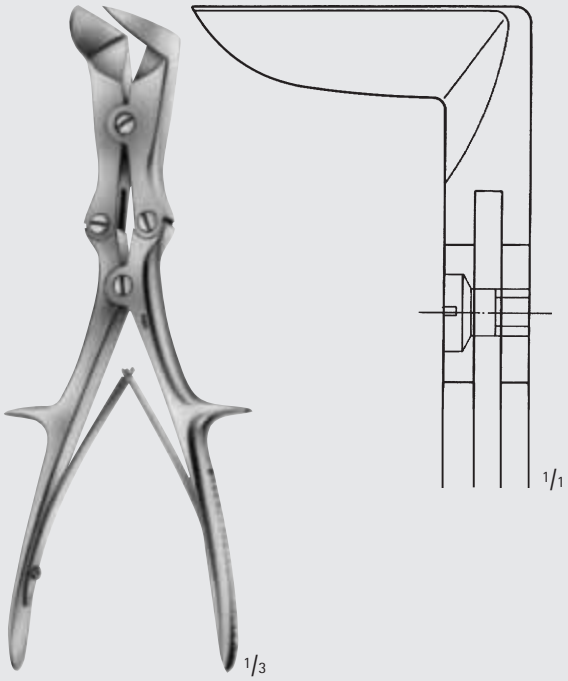
SEMB

FO136R

Rippen- und Knochenfasszange

Rib- and bone holding forceps

190 mm, 7 1/2"



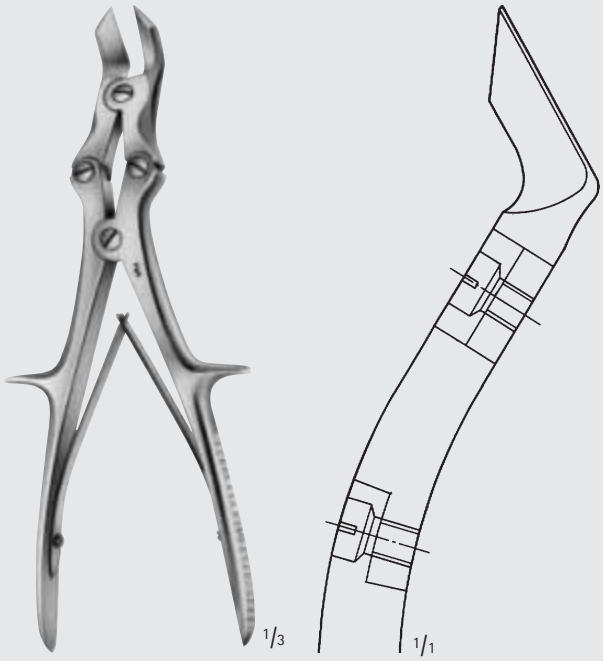
LISTON-STILLE

FO648R

Knochensplitterzange

Bone cutting forceps

265 mm, 10 1/2"



LISTON-KEY-HORSLEY
(TUDOR EDWARDS)

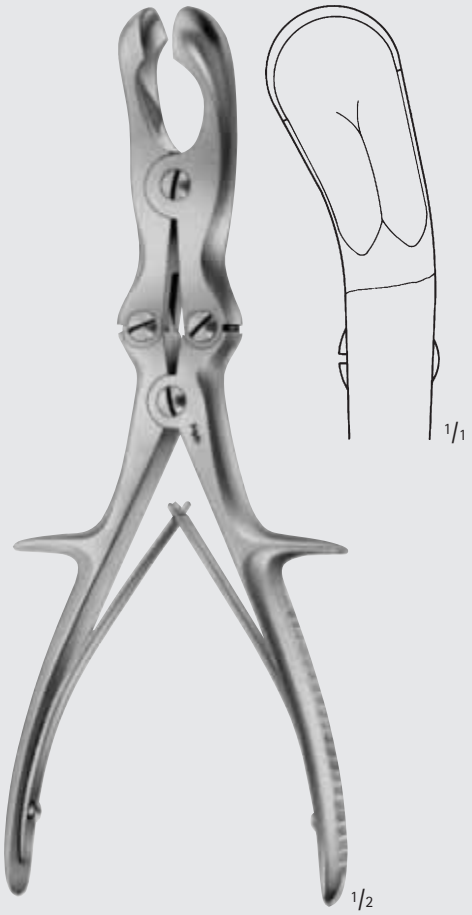
FO649R

Knochensplitterzange
doppelt gebogen für hintere Rippenstümpfe

Bone cutting forceps
s-shaped for posterior rib ends

255 mm, 10"

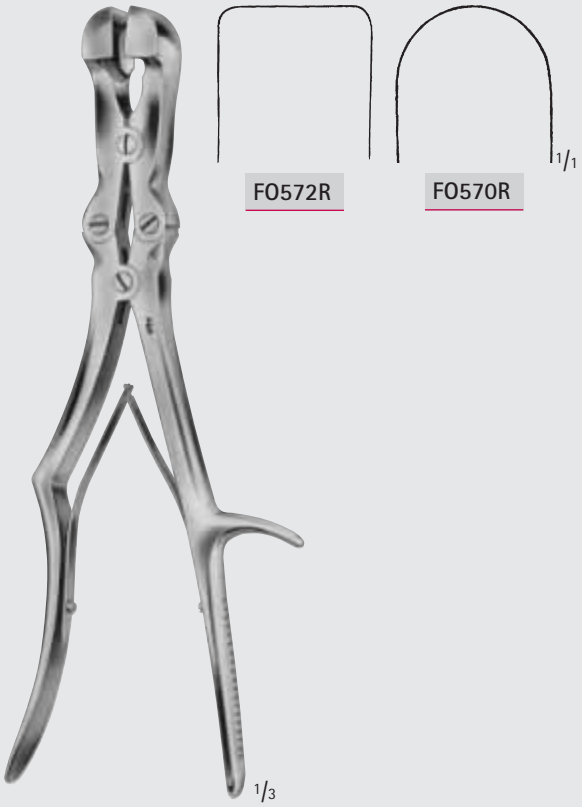
Weitere Knochenhaltezangen, Knochensplitterzangen und Hohlmeißelzangen siehe Rubrik FO
Further bone holding forceps, bone cutting forceps and bone rongeurs see section FO



SEMB

FO555R

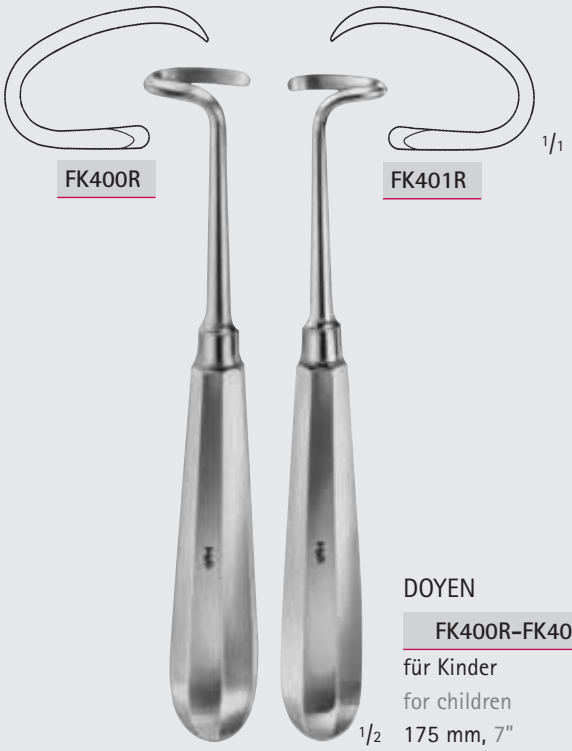
Hohlmeißelzange zum Kürzen der Rippenstümpfe
Rib rongeur to shorten the rib stumps
240 mm, 9 1/2"



SAUERBRUCH-CORYLLOS

FO570R-FO572R

Hohlmeißelzange zum Kürzen der Rippenstümpfe
Rib rongeur to shorten the rib stumps
310 mm, 12 3/8"



DOYEN

FK400R–FK401R

für Kinder

for children

175 mm, 7"

DOYEN

FK402R–FK403R

für Erwachsene

for adults

175 mm, 7"

DOYEN

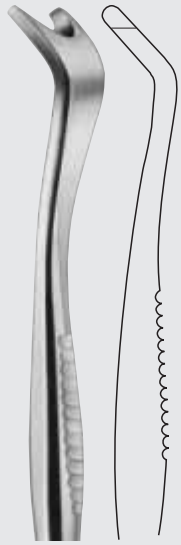
FK408R–FK409R

240 mm, 9 1/2"

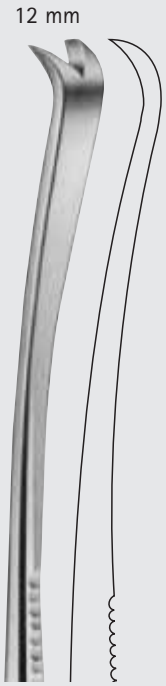
FB

SEMB

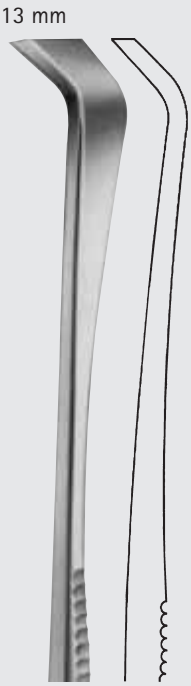
FK381R–FK387R



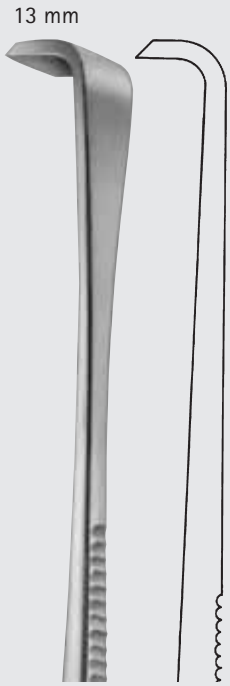
FK381R
190 mm
7 1/2"



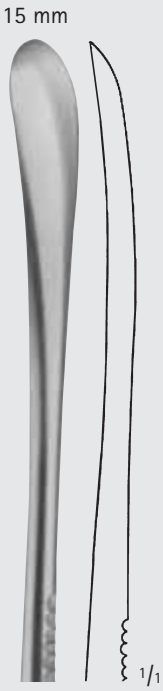
FK382R
230 mm
9"



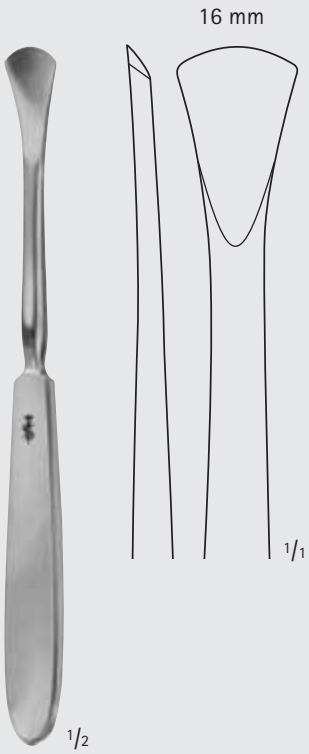
FK383R
230 mm
9"



FK384R
230 mm
9"



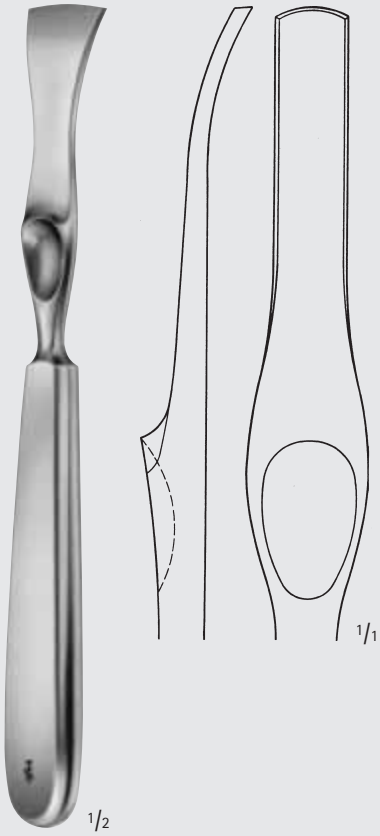
FK387R
230 mm
9"



LANGENBECK

FK360R

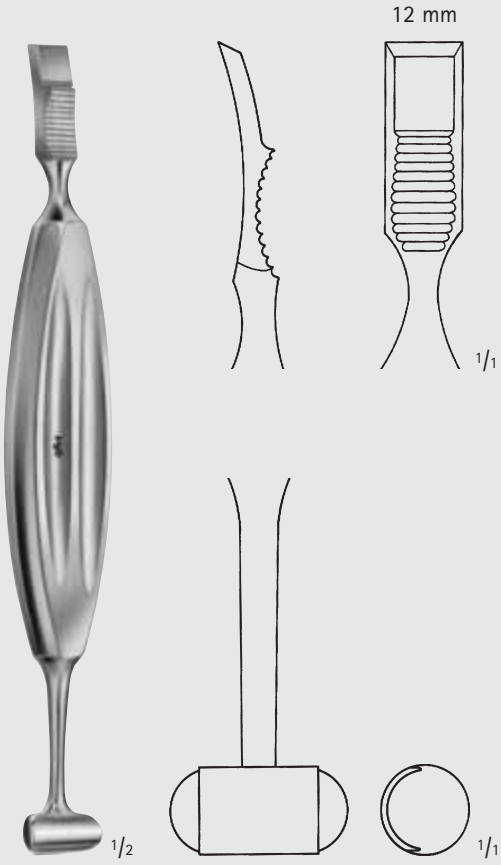
190 mm, 7 1/2"



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"

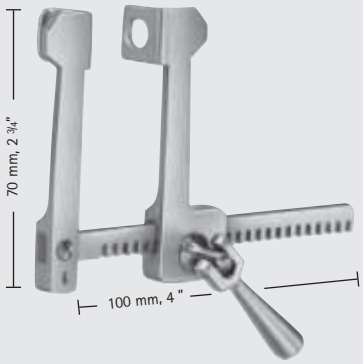
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer (Aluminium)

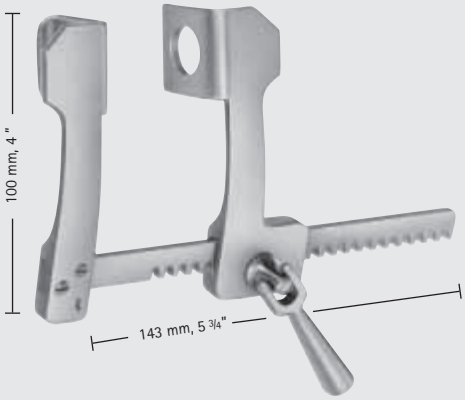
Thoracic Retractors (Aluminium)

Maßangaben für Blattgrößen der Rippensperrer
1. Zahl = Tiefe Beispiel: 38 x 45 mm
2. Zahl = Breite

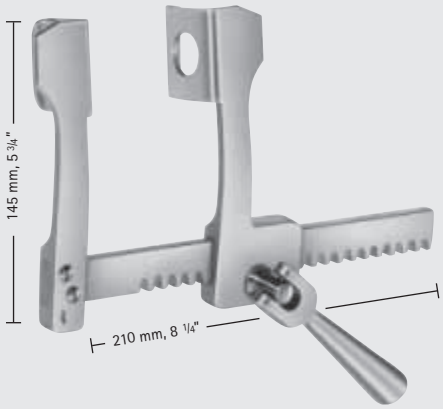
Dimensions for blade size of rib spreaders:
1st number = depth Example: 38 x 45 mm
2nd number = width



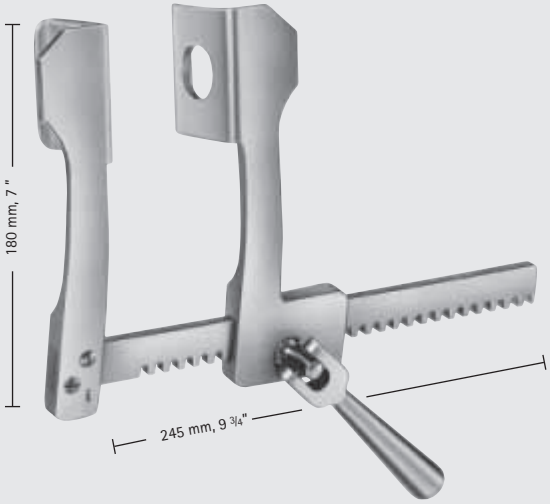
FINOCHIETTO	Blätter Blades
FC040A	12 x 15 mm



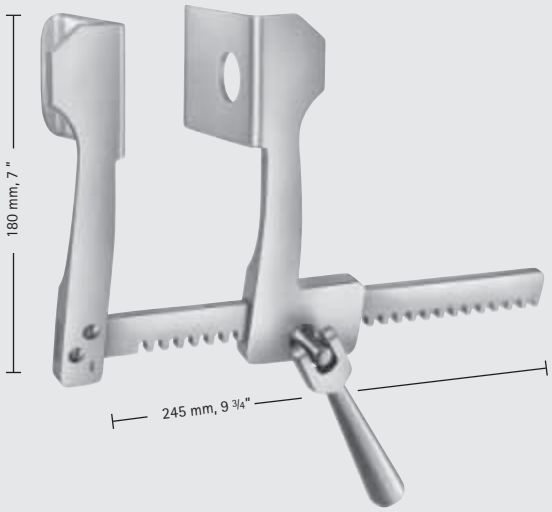
FINOCHIETTO	Blätter Blades
FC041A	28 x 30 mm



FINOCHIETTO	Blätter Blades
FC042A	31 x 45 mm

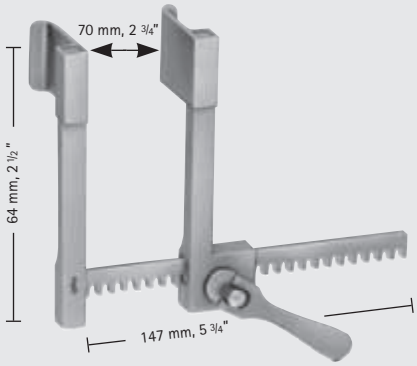


FINOCHIETTO	Blätter Blades
FC043A	42 x 61 mm



FINOCHIETTO

	Blätter Blades
FC044A	74 x 64 mm

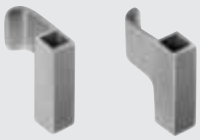


STRUCK

FB852R

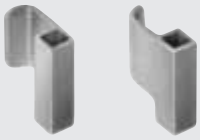
Rippensperrer für Kleinkinder
komplett,
bestehend aus:
FB853R Sperrer allein
FB857R Blätter (Paar)
FB858R Blätter (Paar)

Rib spreader for infants complete,
consisting of:
FB853R Retractor only
FB857R Blades (pair)
FB858R Blades (pair)



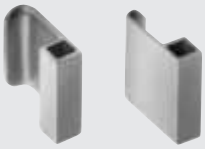
Blätter
Blades

FB854R	10 x 10 mm



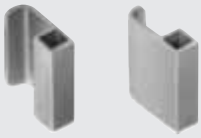
Blätter
Blades

FB855R	10 x 15 mm



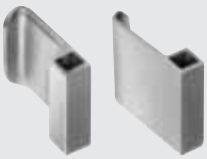
Blätter
Blades

FB857R	15 x 20 mm



Blätter
Blades

FB856R	10 x 20 mm



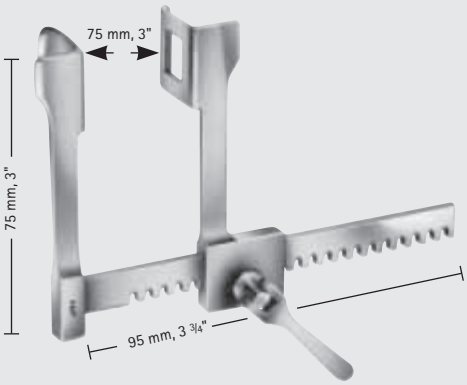
Blätter
Blades

FB858R	20 x 20 mm

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer für Kinder

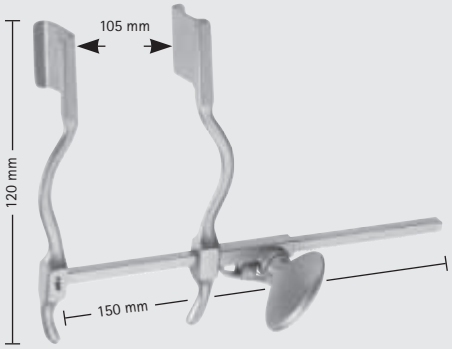
Rib Retractors for Infants



FINOCHIETTO

Blätter
Blades

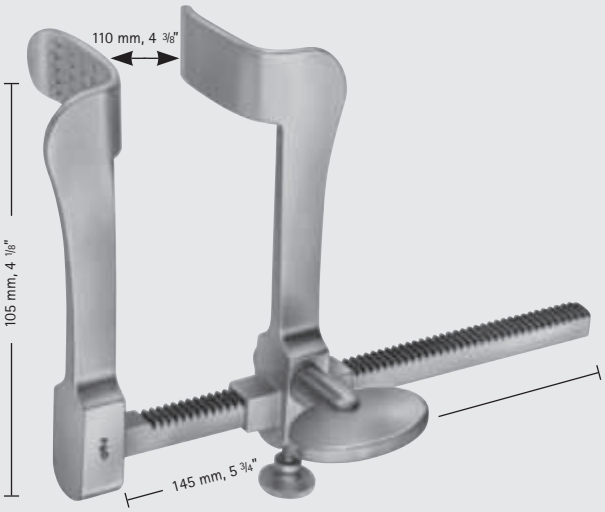
FB830R	18 x 21 mm



HERTZLER

Blätter
Blades

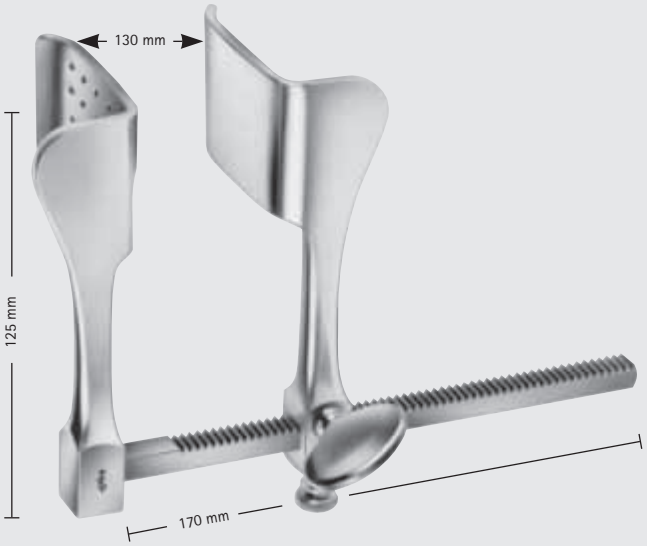
BV512R	20 x 25 mm



TUFFIER

Blätter
Blades

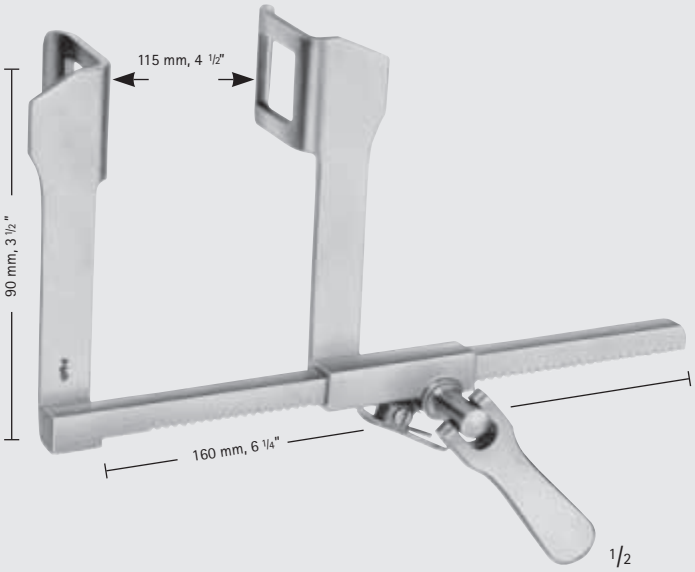
FB847R	32 x 19 mm



TUFFIER

Blätter
Blades

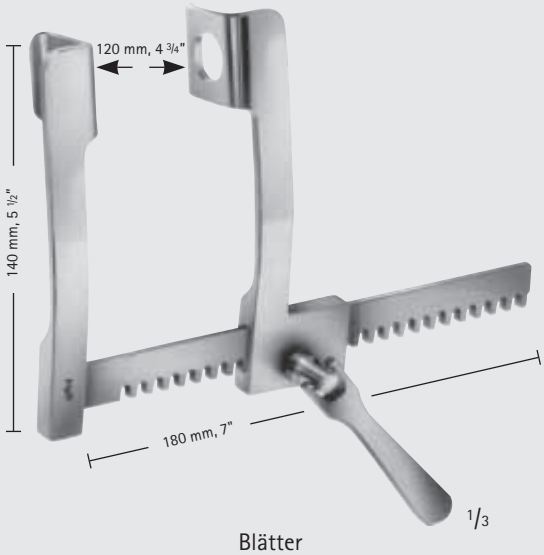
FB800R	43 x 53 mm



HAIGHT

Blätter
Blades

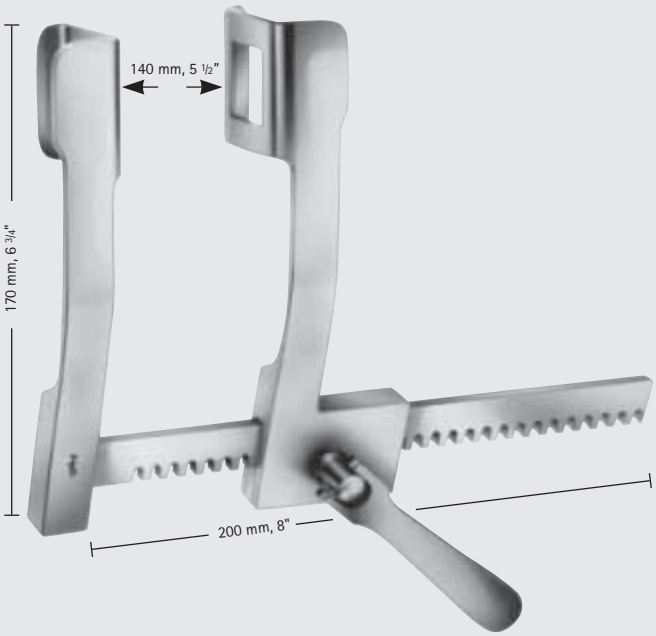
FB835R	30 x 30 mm



FINOCHIETTO

Blätter
Blades

FB836R	28 x 32 mm



FINOCHIETTO

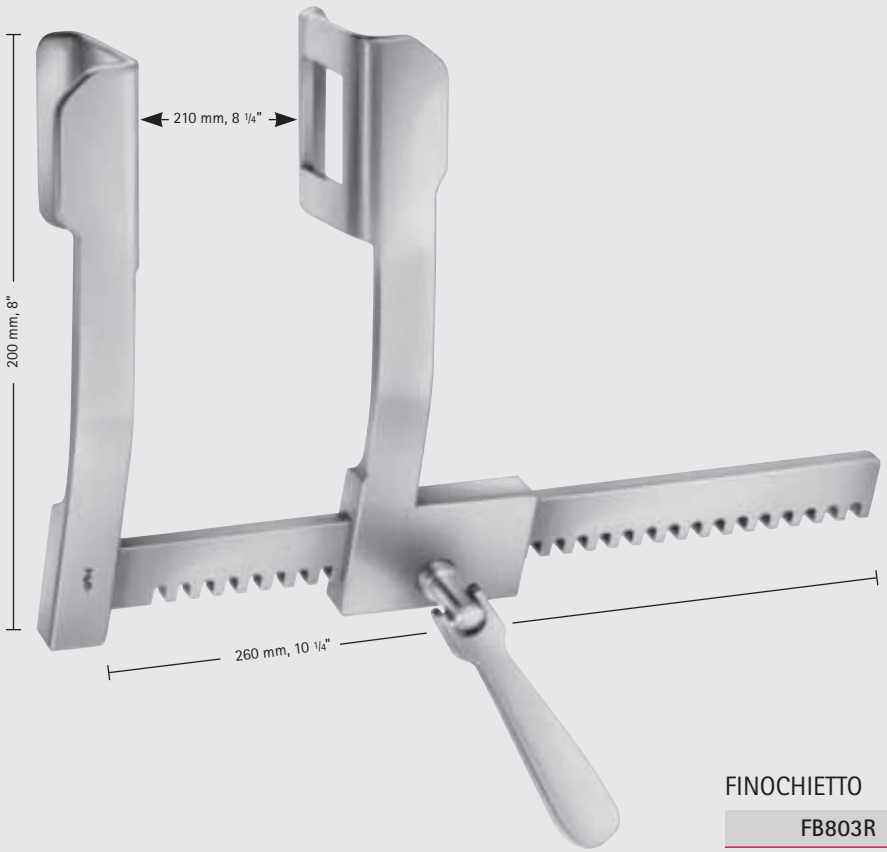
Blätter
Blades

FB802R	36 x 45 mm

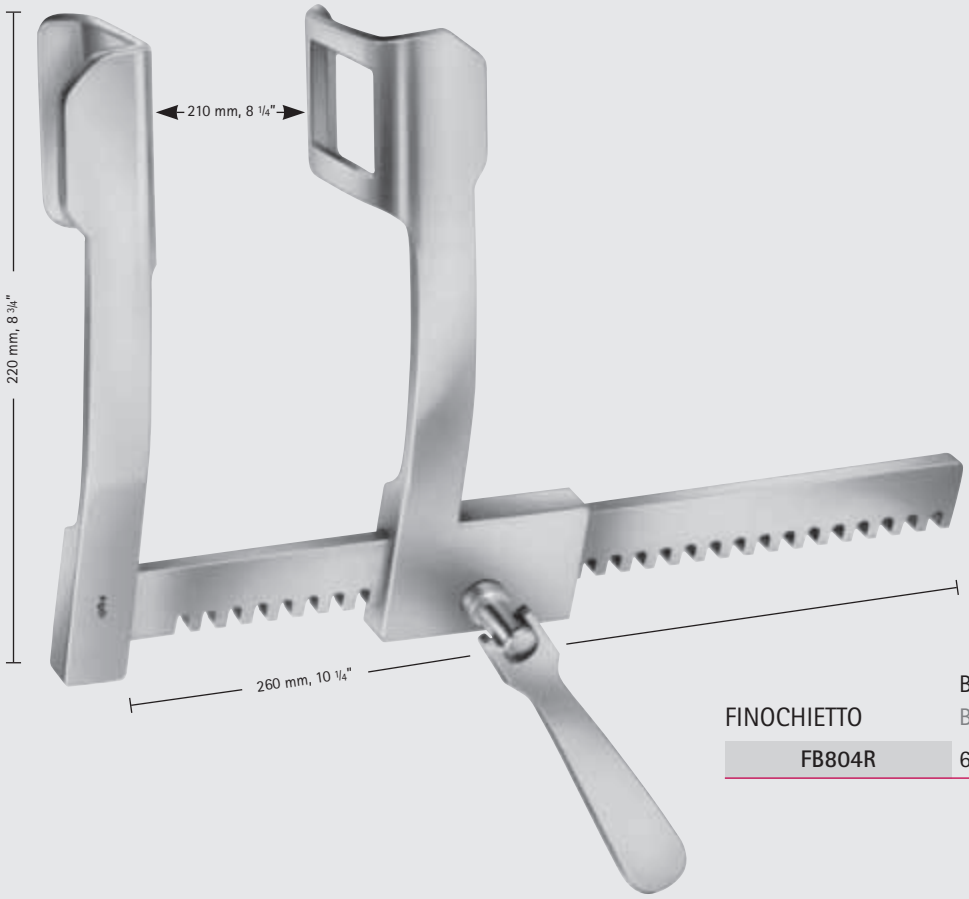
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Rippensperrer

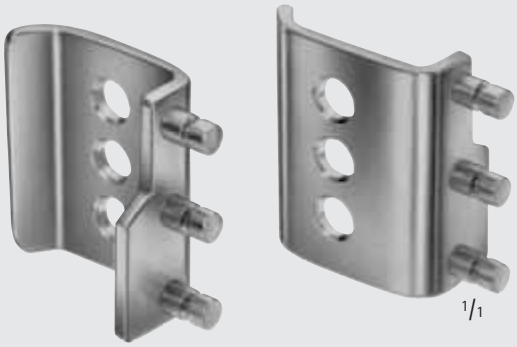
Rib Retractors



FINOCHIETTO	Blätter Blades
FB803R	44 x 65 mm



FINOCHIETTO	Blätter Blades
FB804R	65 x 65 mm

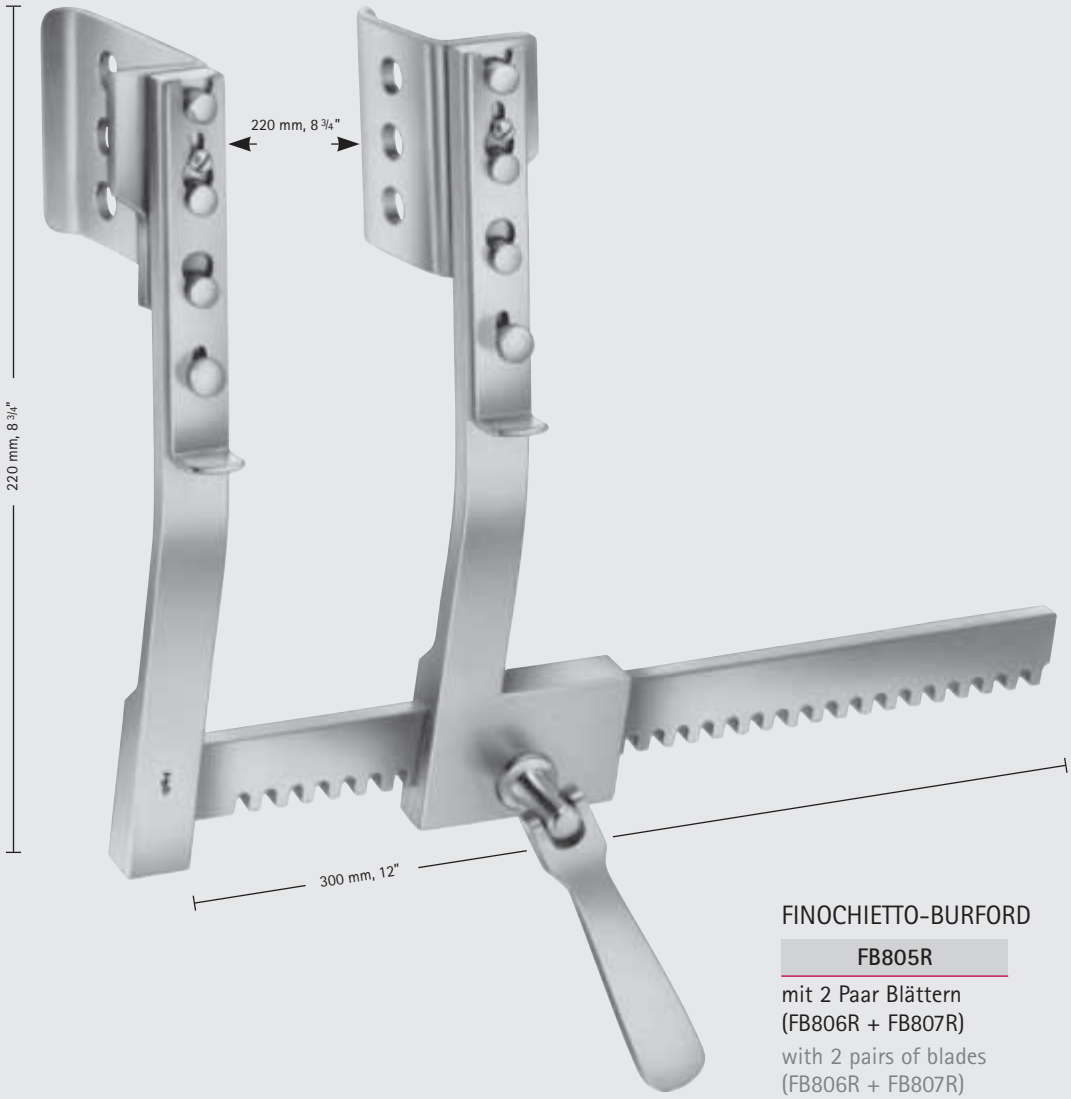


Blätter
Blades

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)

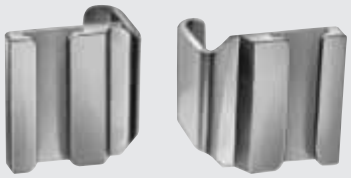
Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

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.



1/1

FB810R 30 x 30 mm

Blätter

Blades

1/1

FB811R 40 x 40 mm

Blätter

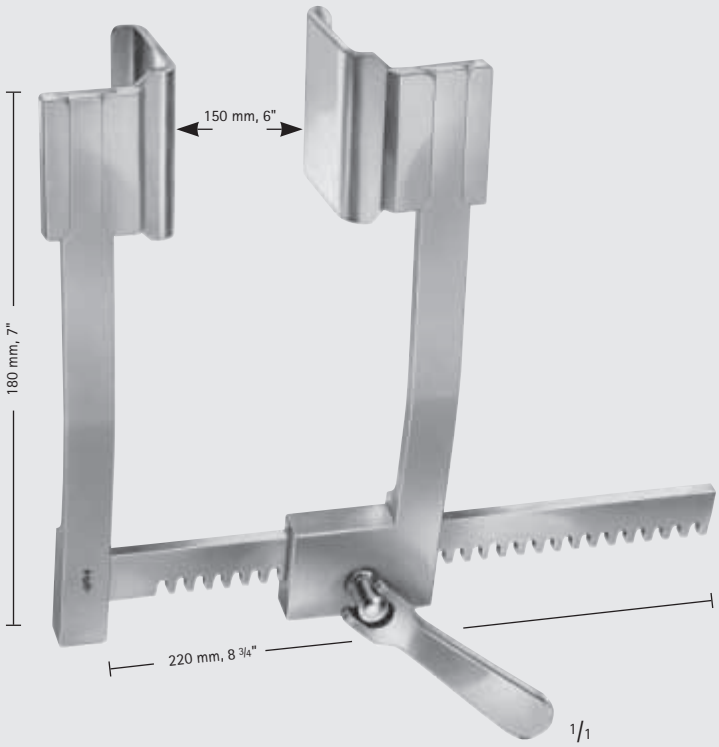
Blades

1/1

FB812R 50 x 50 mm

Blätter

Blades



1/1

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)

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, therefor no risk of catching sutures.

1/1

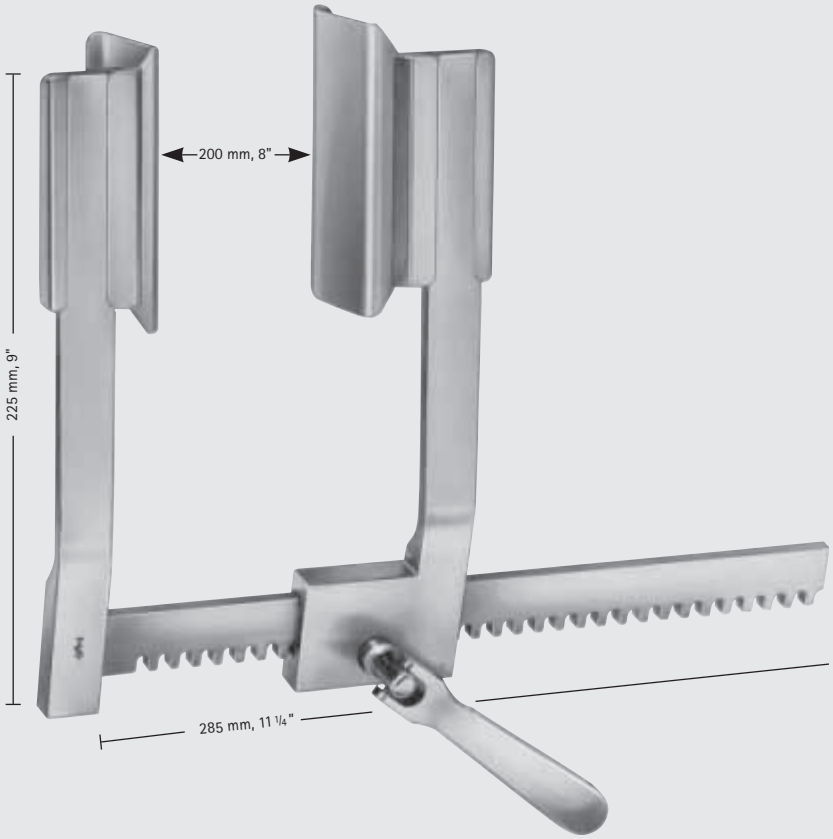
FB813R 50 x 66 mm
Sternotomieblätter
Sternotomy blades

1/1

FB816R 60 x 60 mm
Blätter
Blades

1/1

FB817R 50 x 80 mm
Blätter
Blades



1/1

FB818R 40 x 100 mm
Blätter
Blades

DE BAKEY

FB814R

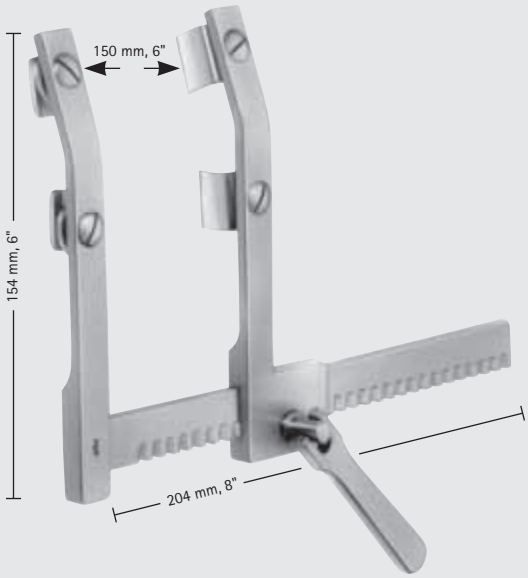
Rippensperrer komplett, bestehend aus:
FB815R Sperrer allein
FB816R Blätter (Paar)
FB817R Blätter (Paar)
FB818R Blätter (Paar)

Spreader complete, consisting:
FB815R Spreader only
FB816R Blades (pair)
FB817R Blades (pair)
FB818R Blades (pair)

1/1

FB819R 80 x 60 mm
Blätter
Blades

FB

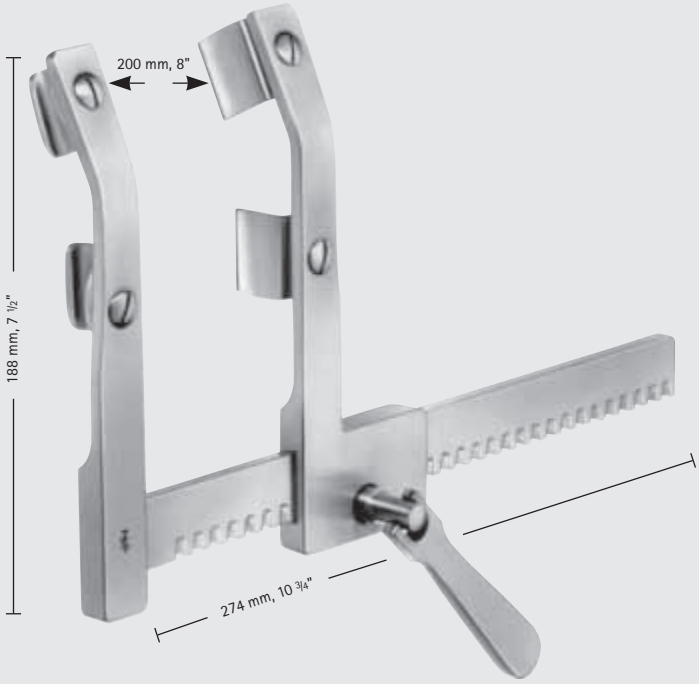


MORSE

FB845R

für Kinder
mit beweglichen Doppelblättern
Blätter jeweils 12 x 20 mm

for children
with movable double blades
each blade 12 x 20 mm

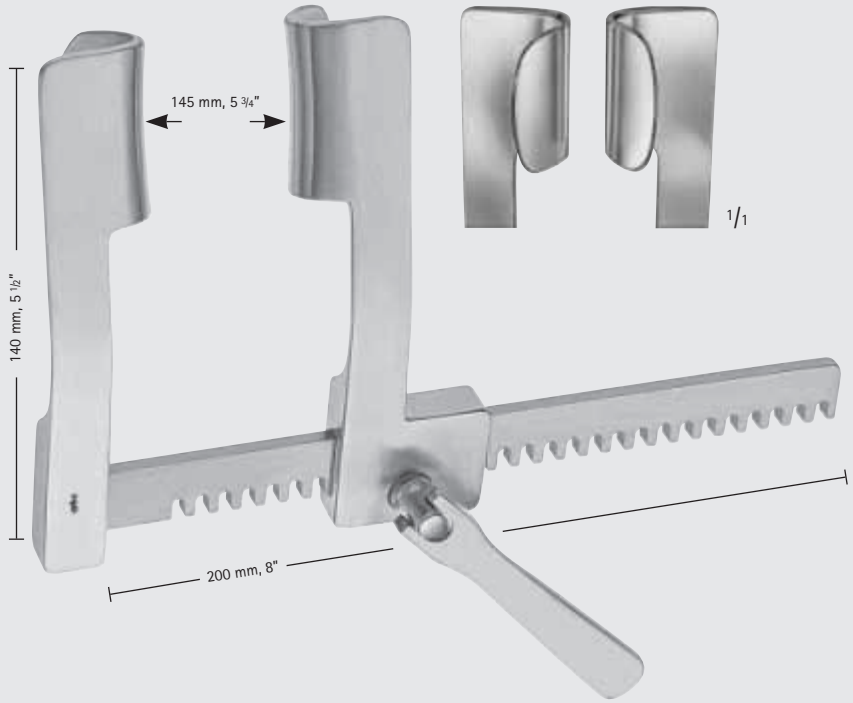


MORSE

FB846R

für Erwachsene
mit beweglichen
Doppelblättern
Blätter jeweils 19 x 29 mm

for adults
with movable double blades
each blade 19 x 29 mm

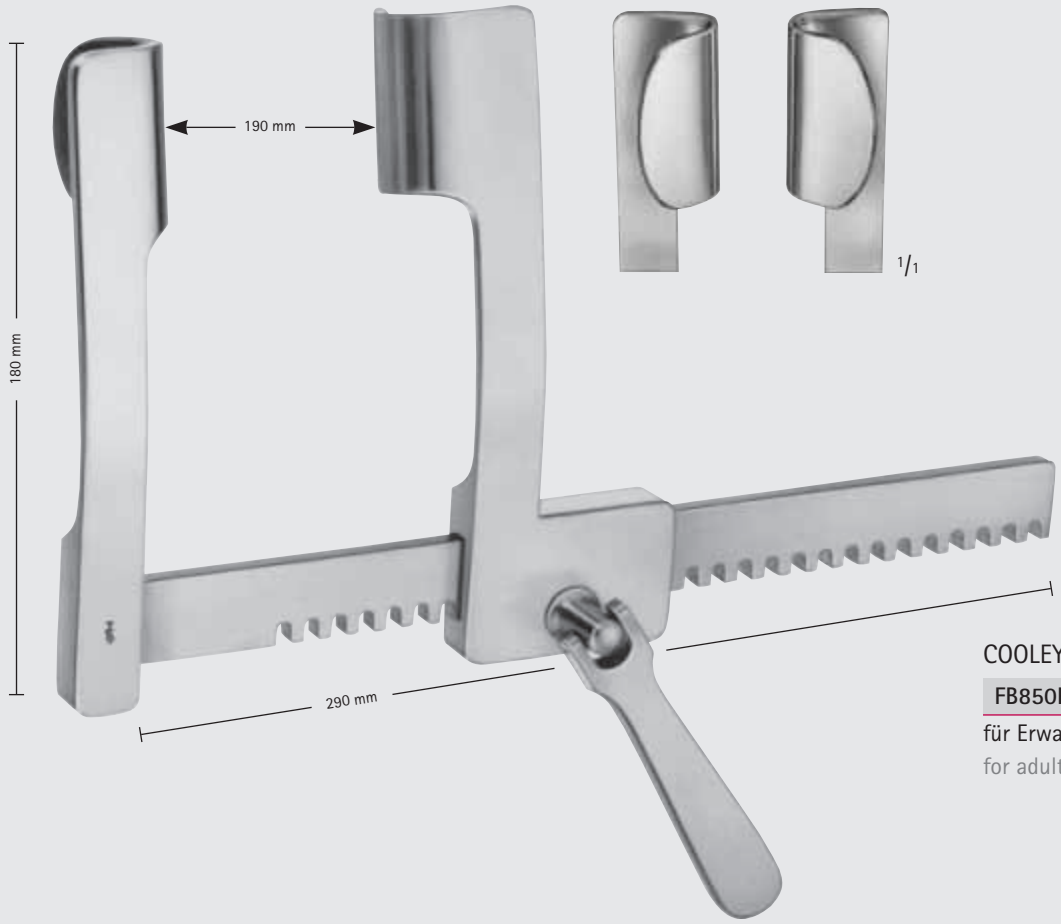


COOLEY

Blätter
Blades

FB851R 21 x 45 mm

für Kinder
for children



COOLEY

Blätter
Blades

FB850R 32 x 50 mm

für Erwachsene
for adults

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Thoraxsperrer

Thoracic Retractor

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:

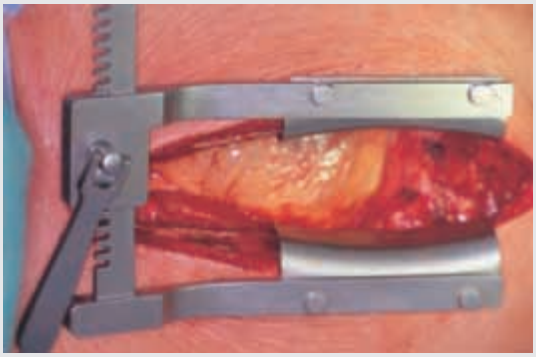
FB821R Retractor only
FB822R Blades (pair)
FB823R Blades (pair)

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.

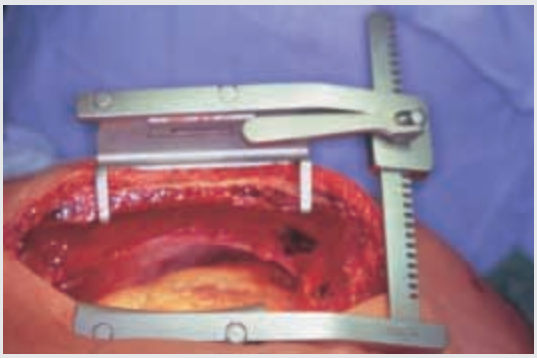
1

Einsatz als Sternumsperrer (Bild 1, 2)



2

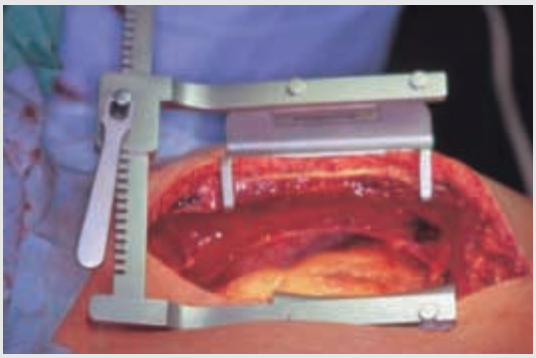
Used as sternum retractor (picture 1, 2)



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.

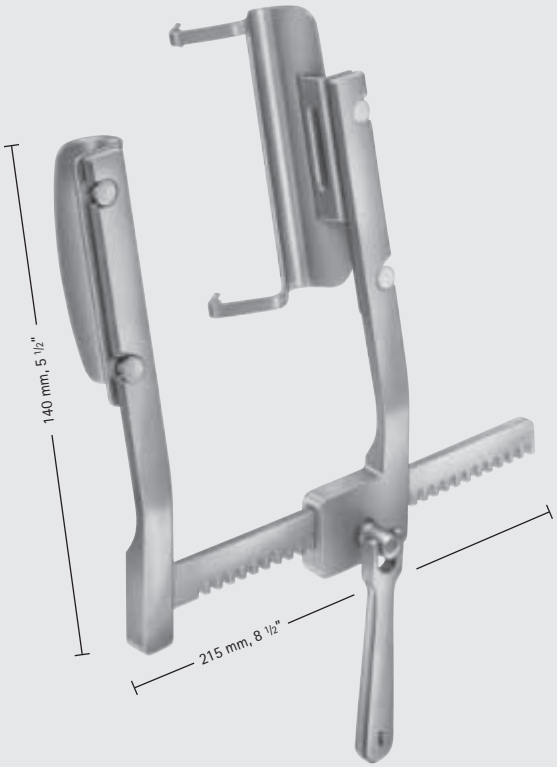


2a

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.

FB



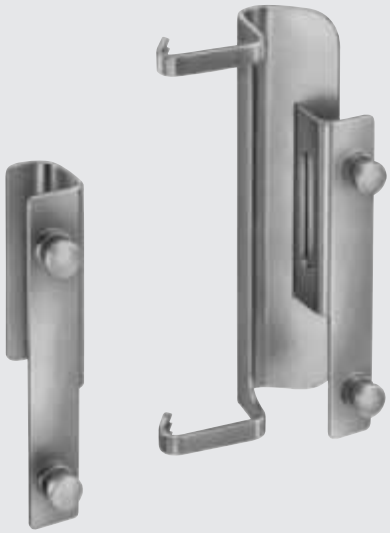
FC060R

Mammaria Sperrer komplett,
bestehend aus:

FC061R	Sperrer allein
FC062R	Mammariablatt, komplett mit Aufnahmeblatt links und rechts
FC063R	Sternumblätter (Paar)
FC064R	Sternumblätter (Paar)

Mammaria spreader complete,
consisting of:

FC061R	Retractor only
FC062R	Mammariablade complete with holding blades left and right
FC063R	Sternum blades (pair)
FC064R	Sternum blades (pair)



FC062R

Mammariablatt, komplett
Mammaria blade, complete

FC063R 30 x100 mm

Sternumblätter
Sternum blades

FC064R 40 x 100 mm

Sternumblätter
Sternum blades

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

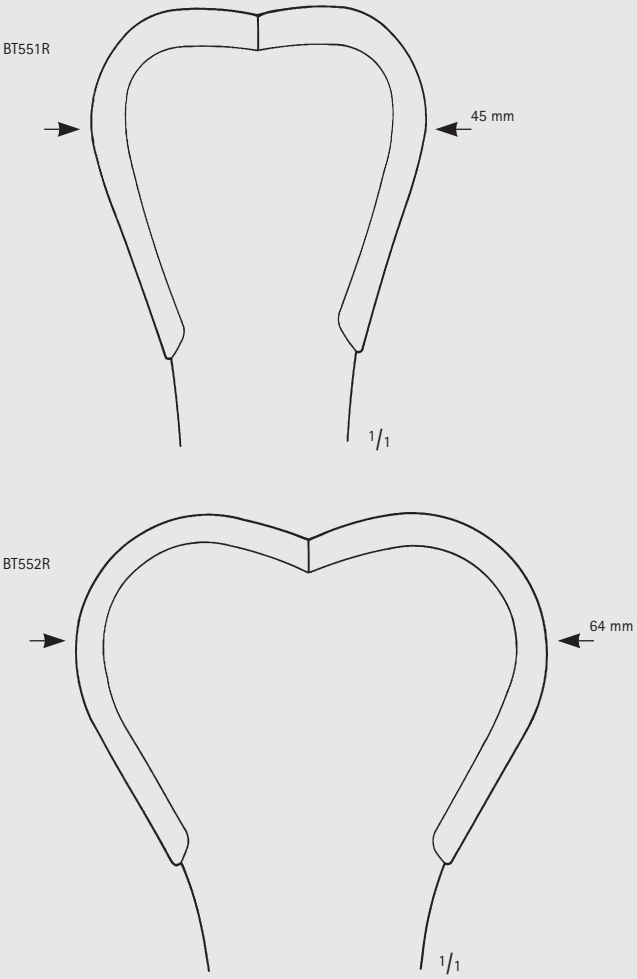
FB842R
für Erwachsene
for adults

BAILEY

FB841R–FB842R

200 mm, 8"

Weitere Wundhaken siehe Rubrik BT
Further retractors see section BT



HARRINGTON

BT551R	123 x 45 mm
BT552R	123 x 64 mm

federnd
flexible
295 mm, 11 3/4"

Weitere Wundhaken siehe Rubrik BT
Further retractors see section BT

HARRINGTON-PEMBERTON

BT553R 175 x 64 mm

federnd

flexible

295 mm, 11 3/4"

FB

DAVIDSON

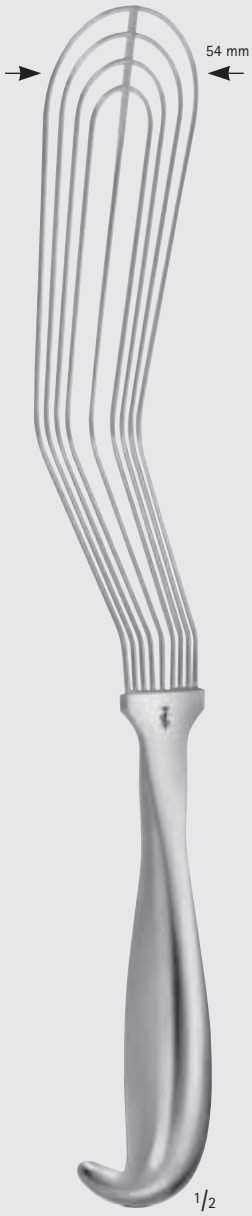
BT531R

195 mm, 7 3/4"

ALLISON

BT559R

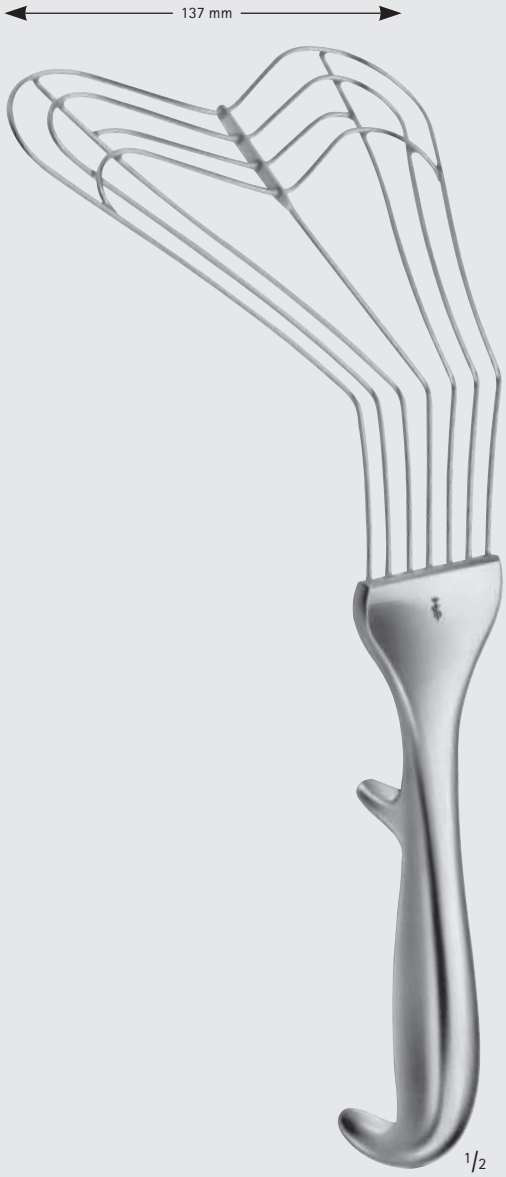
255 mm, 10"



ALLISON

BT560R

320 mm, 12 3/4"



ALLISON

BT561R

300 mm, 12"

FB

COOLEY

FB860R

rechts
right
270 mm, 10 3/4"

COOLEY

FB861R

rechts, leicht gezahnt
right, slightly serrated
270 mm, 10 3/4"

COOLEY

FB862R

links
left
280 mm, 11"

COOLEY MODIF. STRUCK

FB865R

leicht gezahnt
slightly serrated
265 mm, 10 1/2"

COOLEY MODIF. STRUCK

FB866R

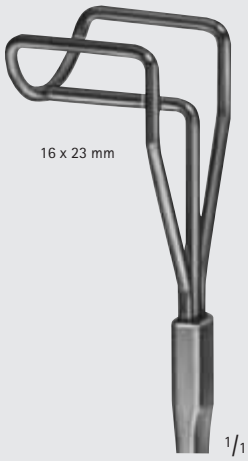
leicht gezahnt
slightly serrated
265 mm, 10 1/2"

Herz- und Gefäß-Chirurgie – Cardiovascular Surgery

Aortenklappenhaken

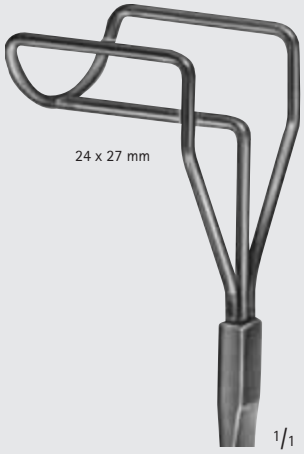
Aorta Value Retractors

FB971R

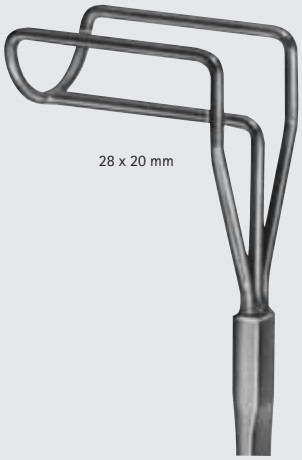


FB972R

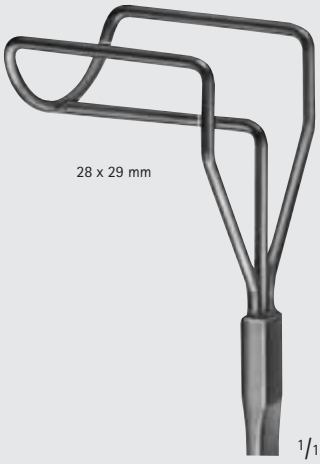
FB973R



FB974R



FB975R



FB976R

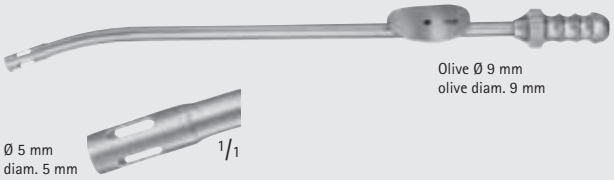
BOROWSKI

FB971R–FB976R

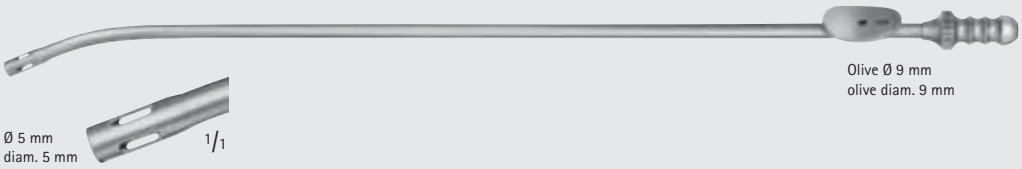
Schaft biegsam

Shaft malleable

270 mm, 10 3/4"



GF947R



GF948R

DE BAKEY

GF947R	160 mm, 6 1/4"
GF948R	270 mm, 10 3/4"

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet

DE BAKEY

GF946R

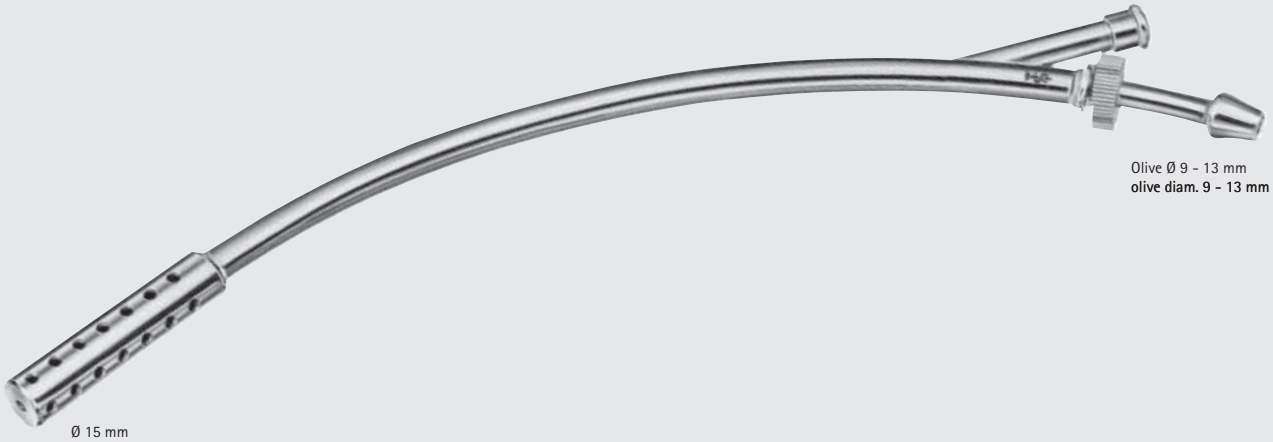
mit zentraler Bohrung, Ø 3,0 mm
und seitlichen Schlitzen
with central bore, 3.0 mm diam.
with lateral slots
275 mm, 10 3/4"

YANKAUER

GF944R

mit zentraler Bohrung, Ø 2,0 mm
with central bore, 2.0 mm diam.
285 mm, 11 1/4"

FB



1/2

Olive Ø 9 - 13 mm
olive diam. 9 - 13 mm

Ø 15 mm
diam. 15 mm

FINSTERER

GF867C

kombinierte Saug- und Spülkanüle
combined suction- and irrigation cannula
320 mm, 12 3/4"

INCHES

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

	Ø diam.
FB035R	6 mm
FB036R	9 mm
FB037R	12 mm
FB038R	15 mm

Oliven allein
Olives only

FB035R

FB036R

FB037R

1/1

FB038R

NABATOFF

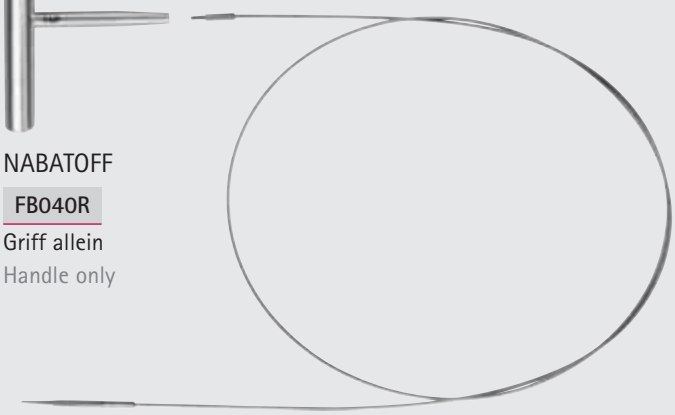
FB030R

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

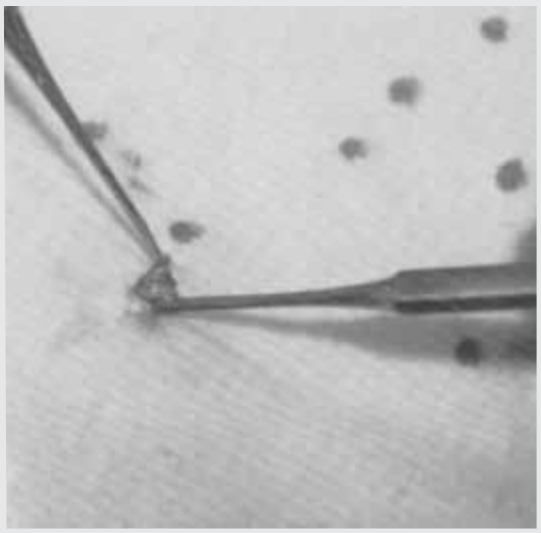
Vein stripper set, consisting of:
FB031R Metal case
FB032R Flexible cable, 36" long
FB033 Flexible plastic probe tip
FB034R Metal probe tip
FB035R Metal olive, diam. 6 mm
FB036R Metal olive, diam. 9 mm
FB037R Metal olive, diam. 12 mm
FB038R Metal olive, diam. 15 mm
FB040R Handle for flexible cable

NABATOFF

FB040R
Griff allein
Handle only



FB032R
Zugseil
Flexible cable
900 mm, 36"



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

Oliven allein
Olives only

FB053R

FB054R

1/1

FB055R

VARADY

FB051R

Zugseil, kunststoffummantelt
Cable, flexible, polyethylene coating
450 mm, 17 1/2"

1/2

VARADY

FB120R

Phlebodissektor
Phlebodissector
180 mm, 7"

1/2

VARADY

FB121R

Phlebextraktor
Phlebextractor
180 mm, 7"

1/2

VARADY

FB122R

Phlebextraktor
Phlebextractor
180 mm, 7"

1/2

VARADY

FB124R

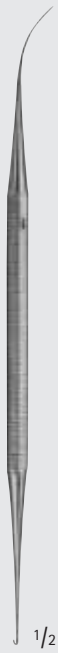
Mikro-Doppelspatel
Micro spatula, double ended
175 mm, 7"

1/2

VARADY

FB125R

Mikro-Phlebextraktor
Micro phlebextractor
170 mm, 6 3/4"



1/2

VARADY

FB126R

Mini-Phlebextraktor
Mini phlebextractor
170 mm, 6 3/4"

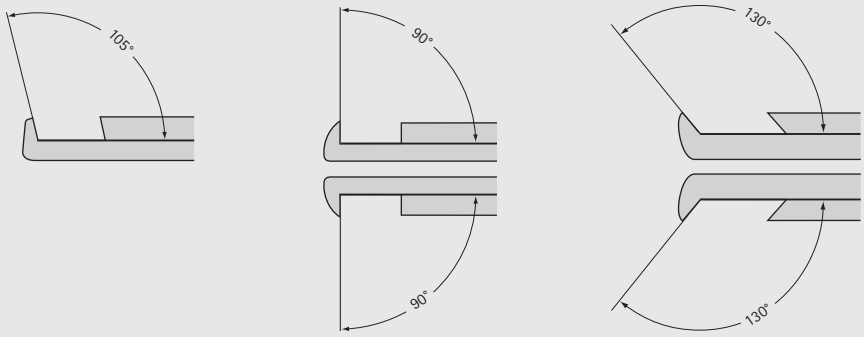
FF

Knochenstanzen, Rongeure
Bone Punches, Rongeurs

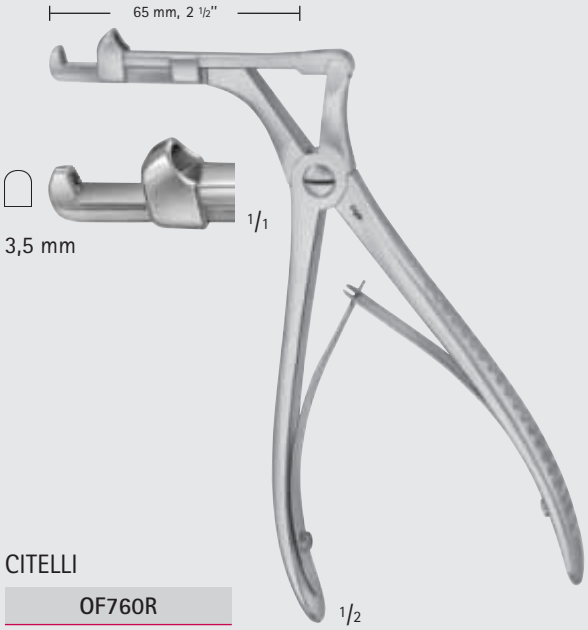
Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Stanzen
Punches

Winkelstellungen bei Stanzen
Angled positions for punches



90° nach oben schneidend
upwards cutting

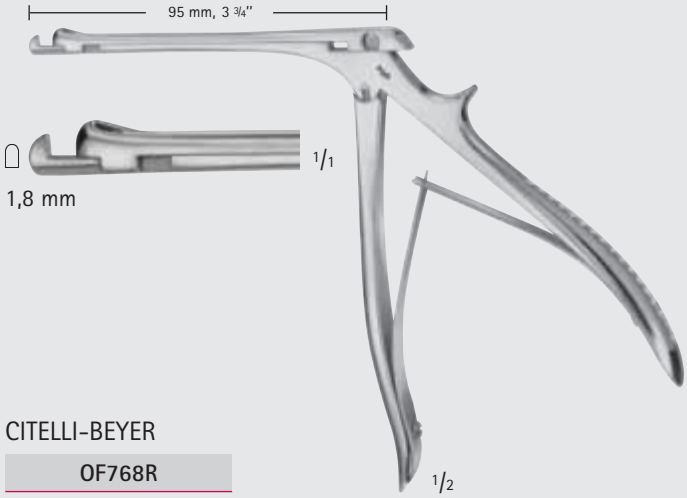


3,5 mm

CITELLI

OF760R

90° nach oben schneidend
upwards cutting

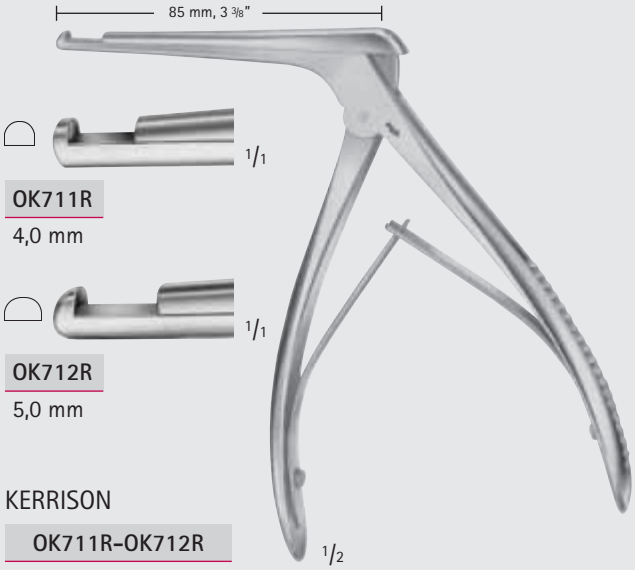


1,8 mm

CITELLI-BEYER

OF768R

90° nach oben schneidend
upwards cutting



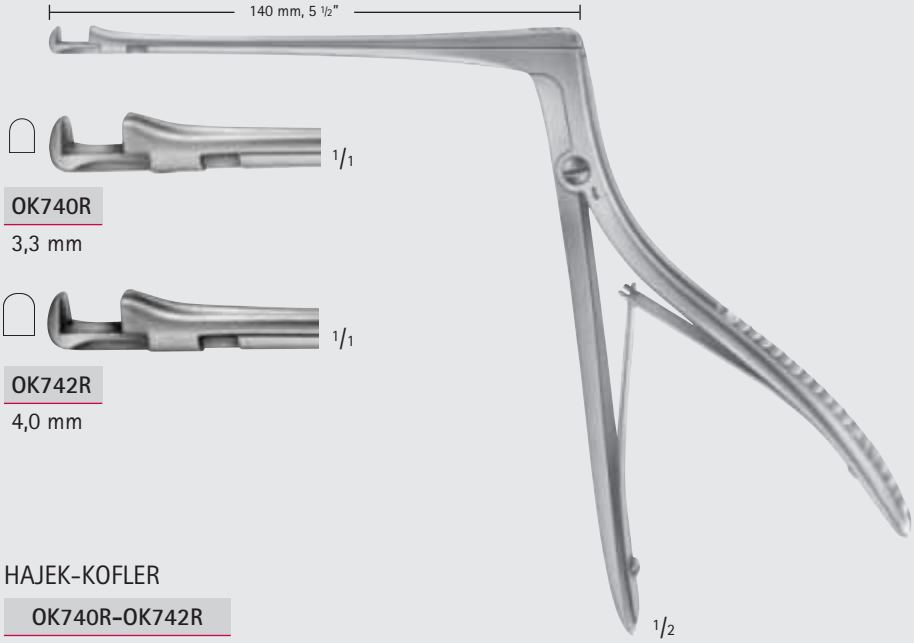
OK711R
4,0 mm

OK712R
5,0 mm

KERRISON

OK711R-OK712R

90° nach oben schneidend
upwards cutting

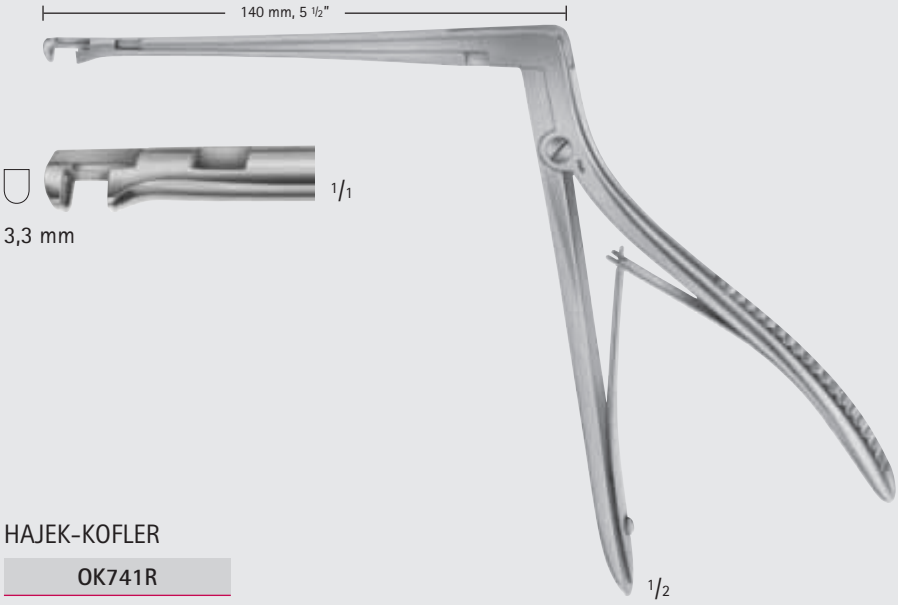


OK740R
3,3 mm

OK742R
4,0 mm

HAJEK-KOFLER
OK740R-OK742R

90° nach unten schneidend
downwards cutting

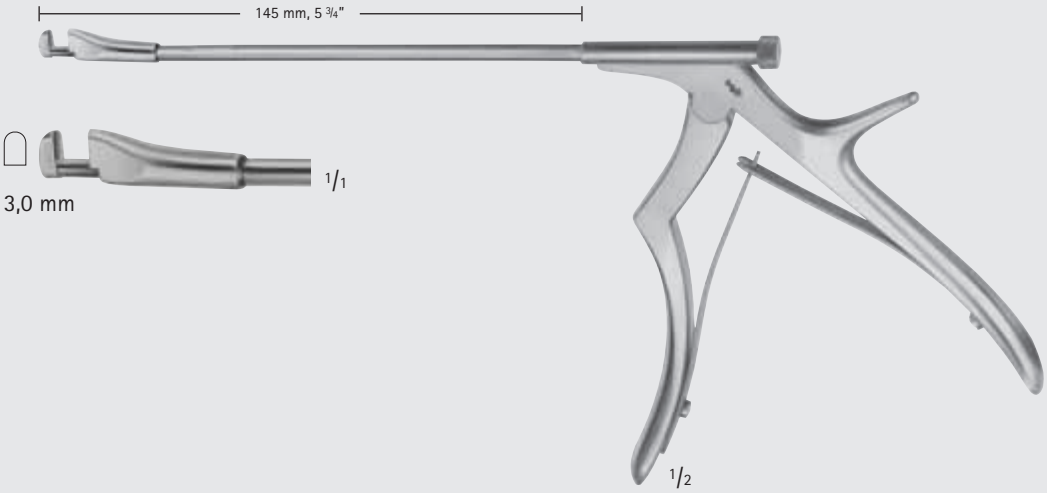


3,3 mm

HAJEK-KOFLER
OK741R

FF

90° drehbar 360°
rotates 360°

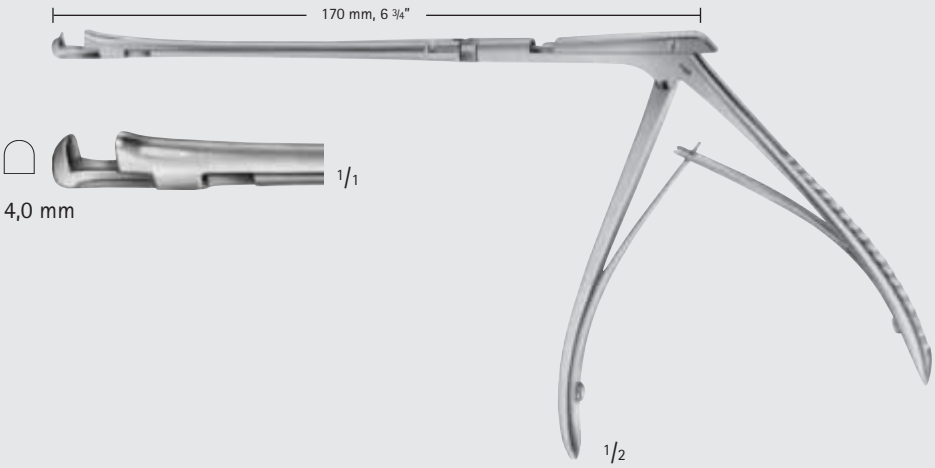


3,0 mm

KOFLER

OK737R

90° drehbar 360°
rotates 360°



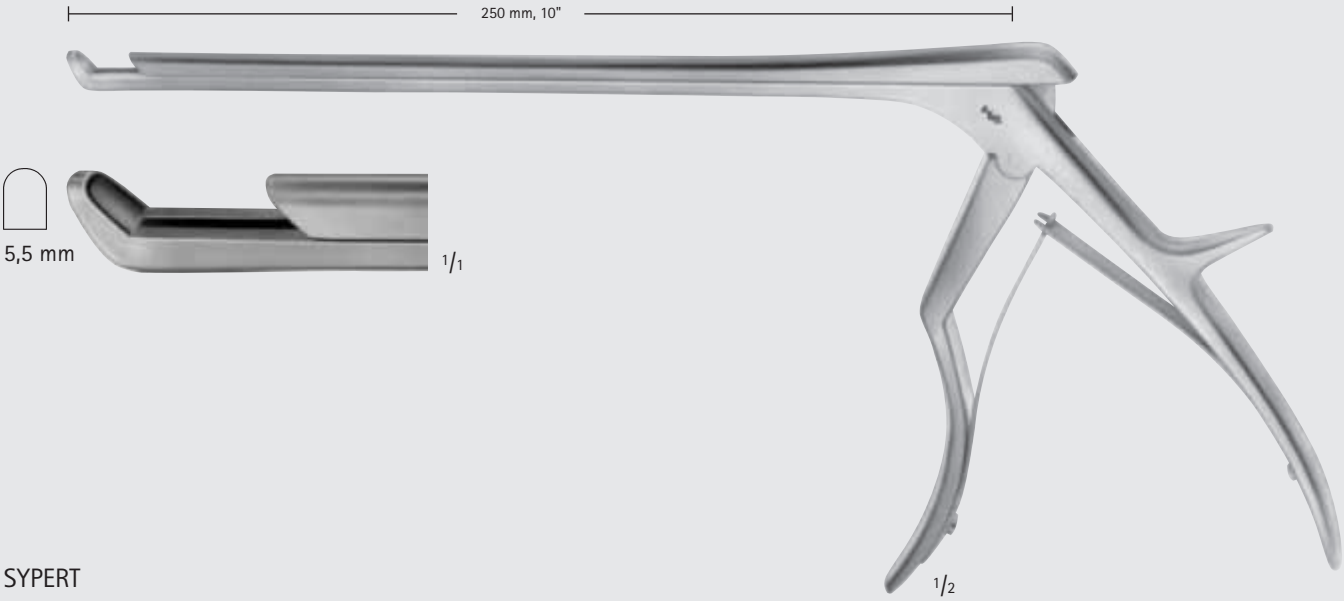
4,0 mm

HAJEK-KOFLER

OK745R

FF

130° nach oben schneidend
upwards cutting



SYPERT

FG055R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

KERRISON Knochenstanzen
KERRISON Bone Punches

90° nach oben schneidend
upwards cutting

Regular

Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	90° oben 90° upwards STANDARD nicht zerlegbar ohne Ejektor non detachable without ejector	90° oben 90° upwards zerlegbar detachable	Ejektor Ejector	90° oben 90° upwards NOIR zerlegbar detachable	Ejektor Ejector
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

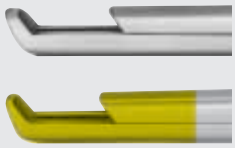
Regular

Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	90° unten 90° downwards STANDARD nicht zerlegbar, ohne Ejektor non detachable, without ejector	90° unten 90° downwards zerlegbar detachable	Ejektor Ejector
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	✔

130° nach oben schneidend
upwards cutting

Regular

Thin



Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	130° oben 130° upwards STANDARD nicht zerlegbar ohne Ejektor non detachable without ejector	130° oben 130° upwards zerlegbar detachable	Ejektor Ejector	130° oben 130° upwards NOIR zerlegbar detachable	Ejektor Ejector
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	✔

MILLIMETERS

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

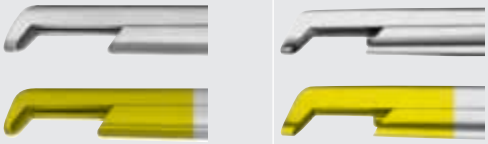
KERRISON Knochenstanzen

KERRISON Bone Punches

130° nach unten schneidend
downwards cutting

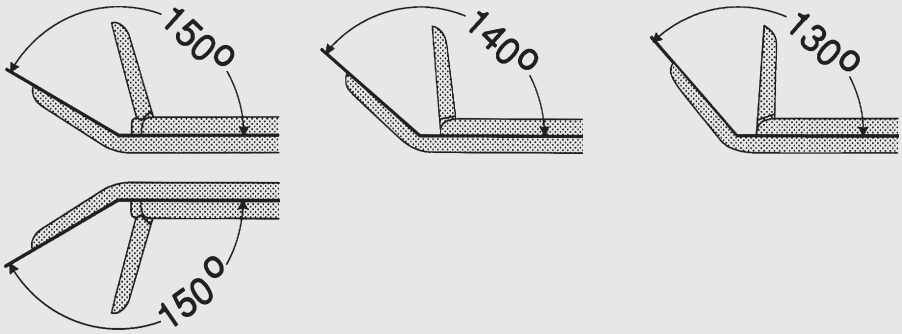
Regular

Thin



Schaftlänge Shaft length	Breite Width	Fußplatte Footplate	130° unten 130° downwards STANDARD nicht zerlegbar ohne Ejektor non detachable without ejector	130° unten 130° downwards zerlegbar detachable	Ejektor Ejector
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	✔

Winkelstellungen bei Rongeuren
Angled positions for rongeurs



OK505R
3,0 mm

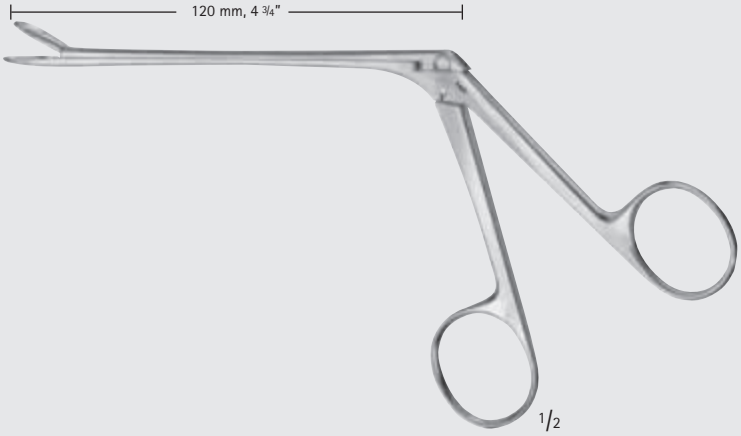
OK506R
3,6 mm

OK508R
4,8 mm

OK507R
4,2 mm

1/1

OK509R
5,6 mm



WEIL-BLAKESLEY
OK505R-OK509R

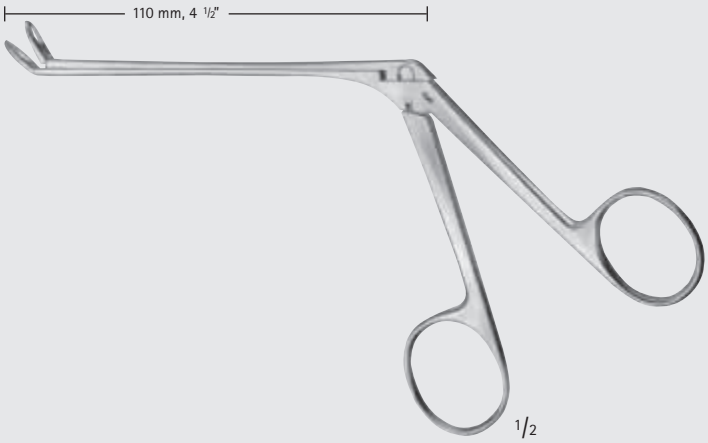
140°

OK520R
3,6 mm

OK521R
4,2 mm

1/1

OK522R
4,8 mm

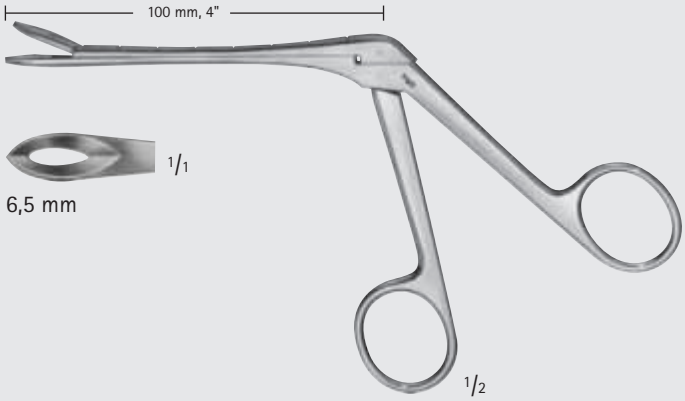


WEIL-BLAKESLEY
OK520R-OK522R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

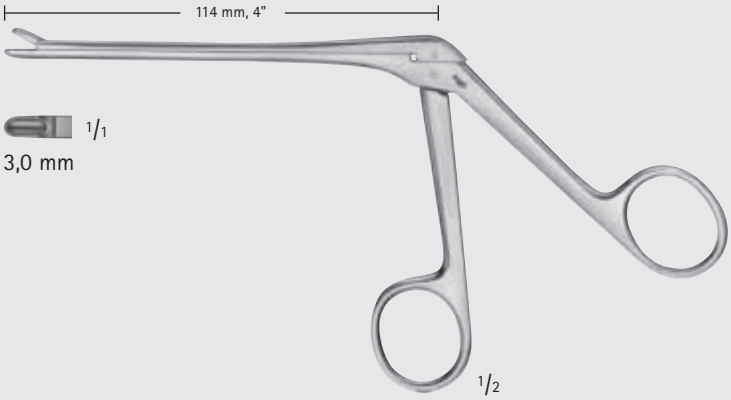


HENCKEL-TILLEY

OK503R

Schaft graduiert in cm

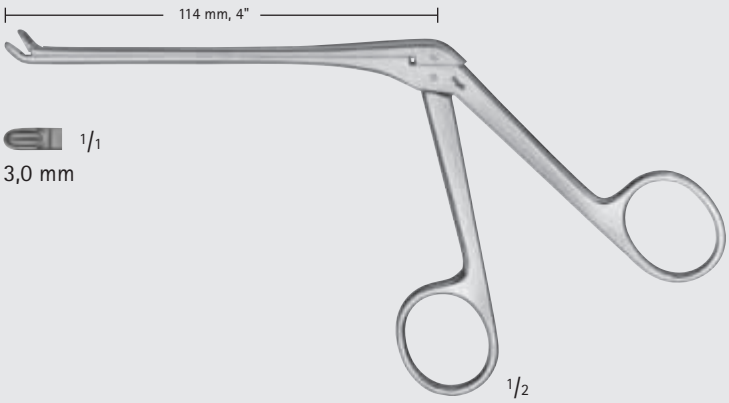
Shaft graduated in cm



ST. BARTS

OK536R

140°

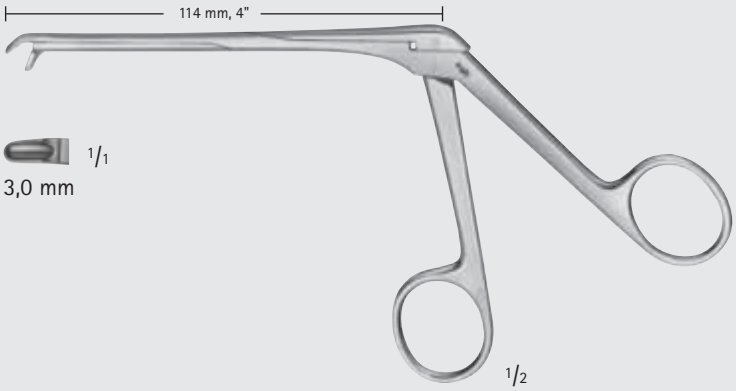


ST. BARTS

OK537R

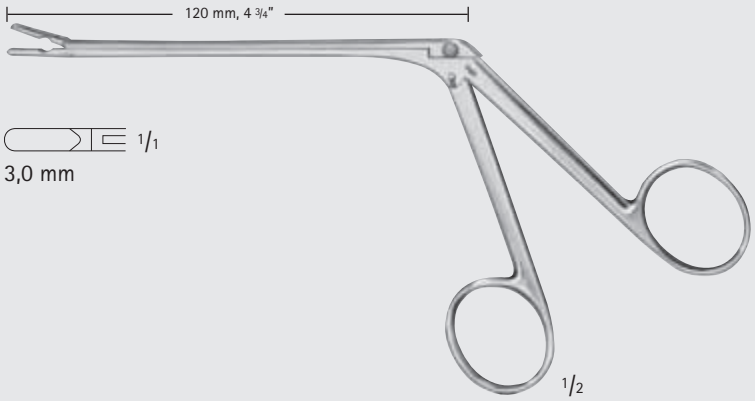
FF

140°



ST. BARTS

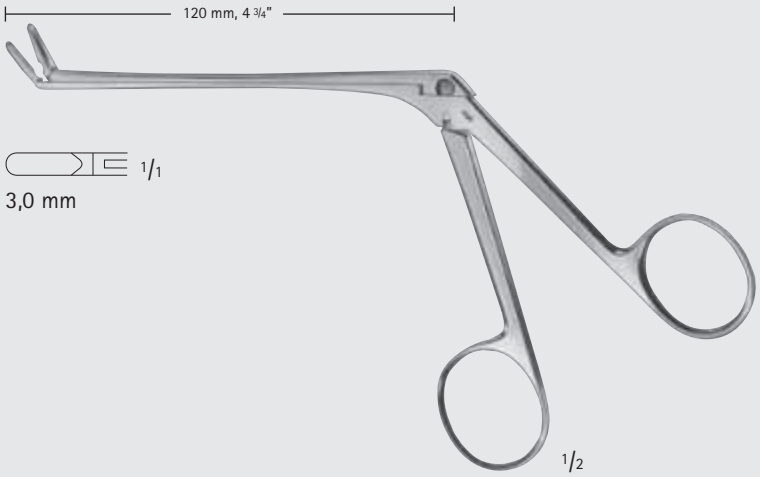
OK538R



TAKAHASHI

OK525R

130°



TAKAHASHI

OK526R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

LOVE-GRUENWALD

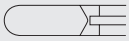
FF799R

2 x 10 mm

LOVE-GRUENWALD

FF800R

3 x 10 mm

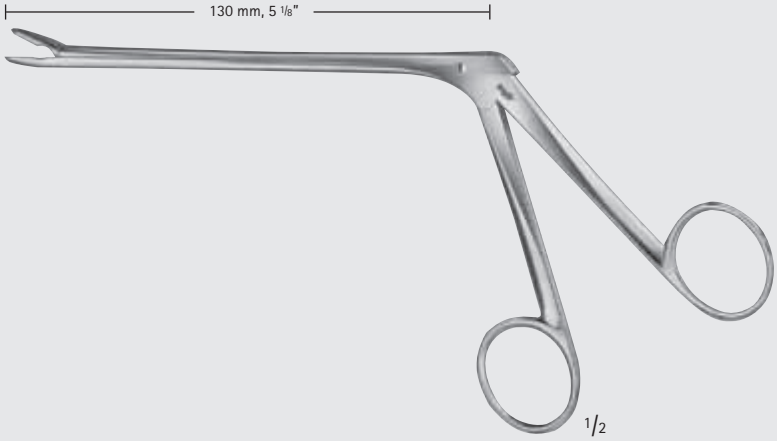


1/1

SPURLING

FF801R

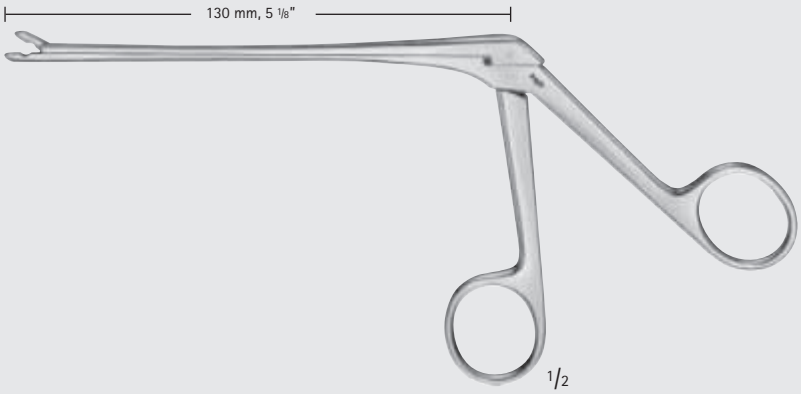
4 x 10 mm



FF799R–FF810R

1/1

2,0 mm

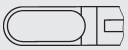


BECK

FF765R

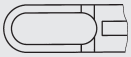
FF766R

4,0 mm



FF767R

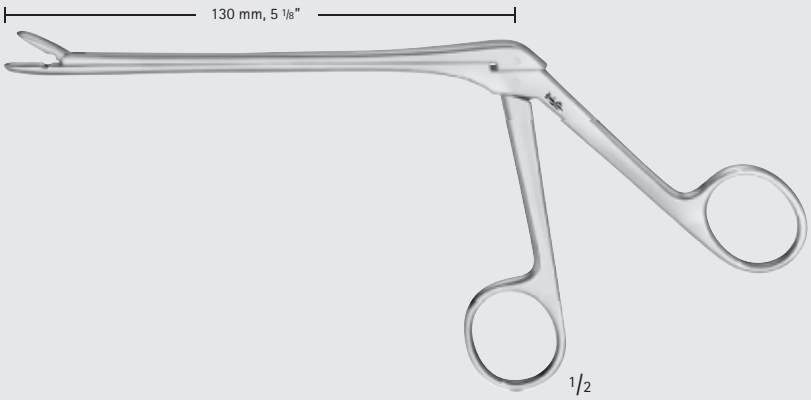
5,0 mm



1/1

FF768R

6,0 mm

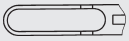


CUSHING

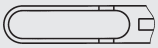
FF766R–FF768R

150°

FF774R
3,0 mm

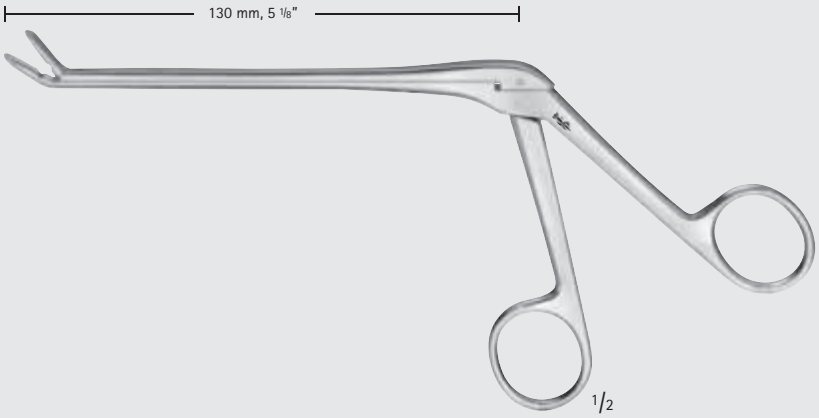


FF775R
4,0 mm



1/1

FF776R
5,0 mm



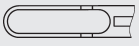
1/2

CUSHING

FF774R–FF776R

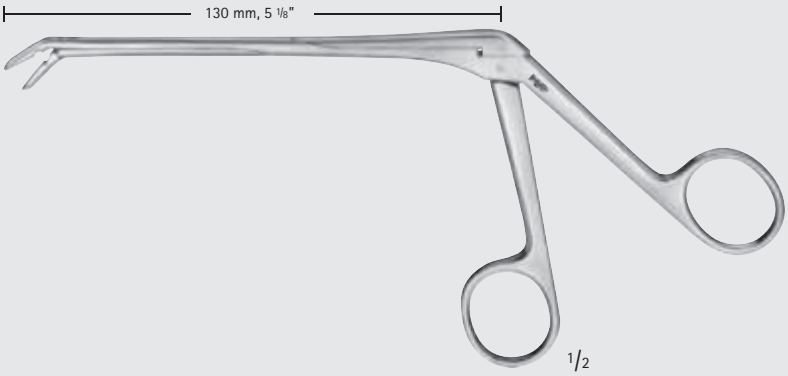
150°

FF777R
3,0 mm



1/1

FF778R
4,0 mm



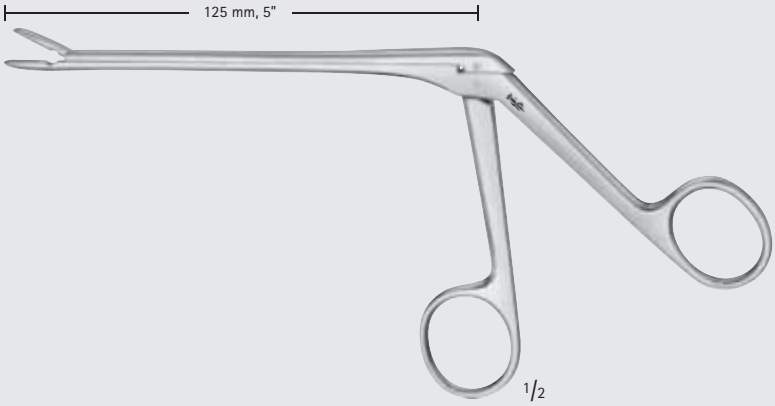
1/2

CUSHING

FF777R–FF778R

1/1

3,0 mm



1/2

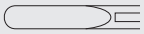
PENNYBACKER

FF779R

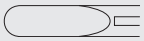
Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure
Rongeurs

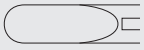
FF832R
2,0 mm



FF833R
3,0 mm

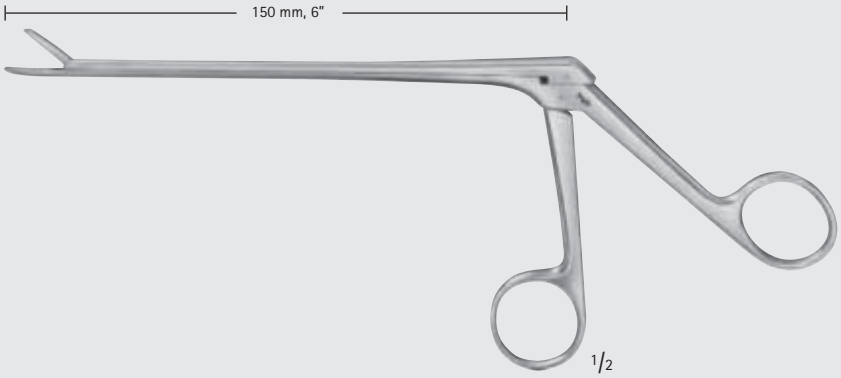


FF834R
4,0 mm



1/1

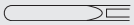
FF835R
5,0 mm



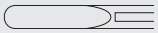
1/2

CASPAR
FF832R–FF835R

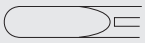
150°



FF842R
2,0 mm

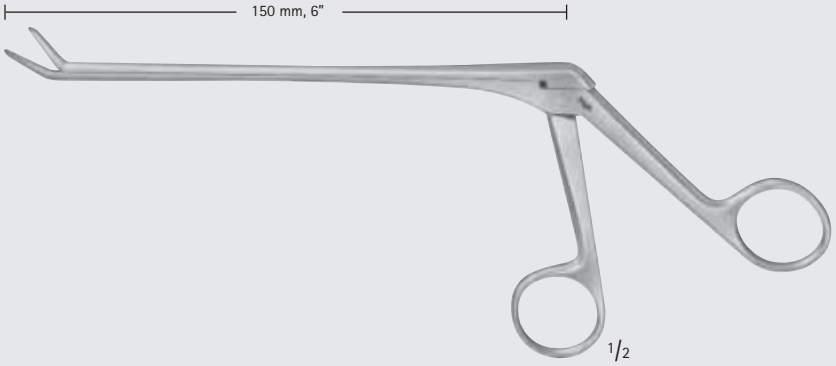


FF843R
3,0 mm



1/1

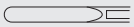
FF844R
4,0 mm



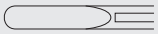
1/2

CASPAR
FF842R–FF844R

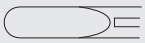
150° unteres Maulteil beweglich
lower part of jaw movable



FF852R
2,0 mm

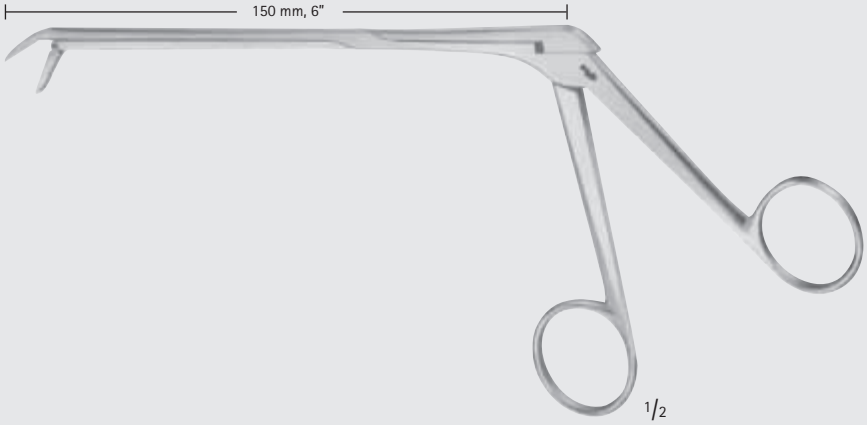


FF853R
3,0 mm



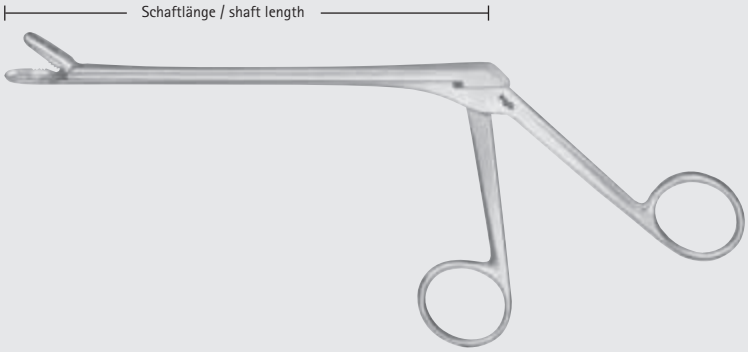
1/1

FF854R
4,0 mm



1/2

CASPAR
FF852R–FF854R

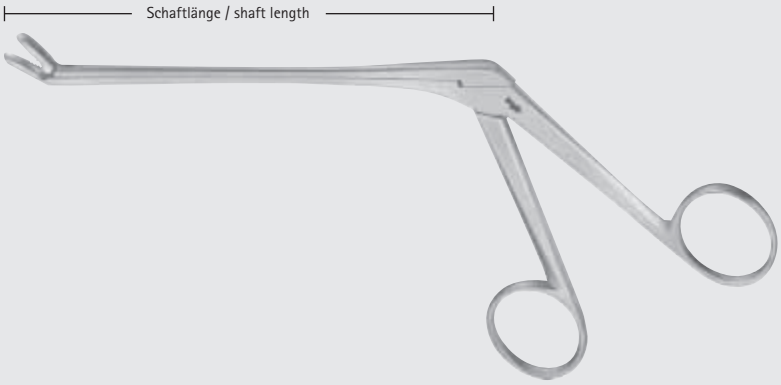


CASPAR

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

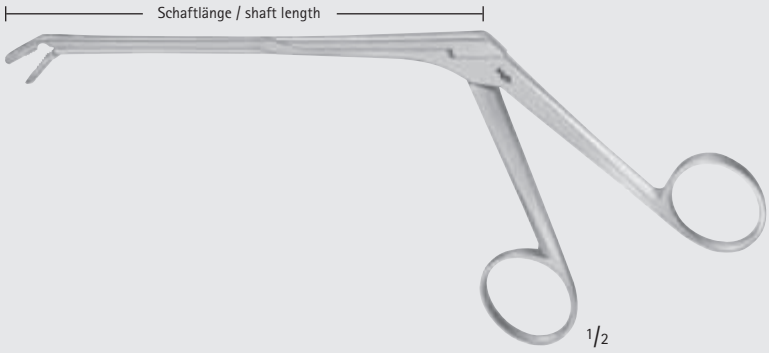
FF513R–FF575R

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"

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure
Rongeurs

150° unteres Maulteil beweglich
lower part of jaw movable



Maulgröße Jaw size	3 x 12 mm	4 x 14 mm 1/1
Schaftlänge Shaft length	FF523R	FF524R
	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"

CASPAR

FF523R–FF584R

CUSHING

FF803R

2 x 10 mm

LOVE-GRUENWALD

FF805R

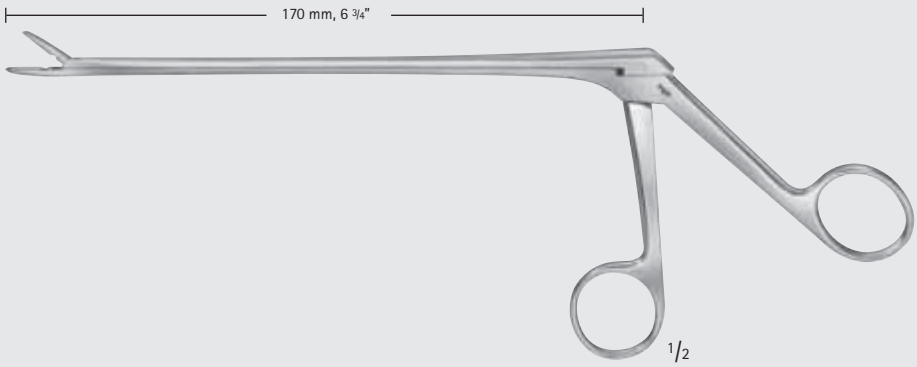
3 x 10 mm

1/1

SPURLING

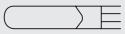
FF807R

4 x 10 mm

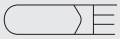


FF803R–FF807R

150°

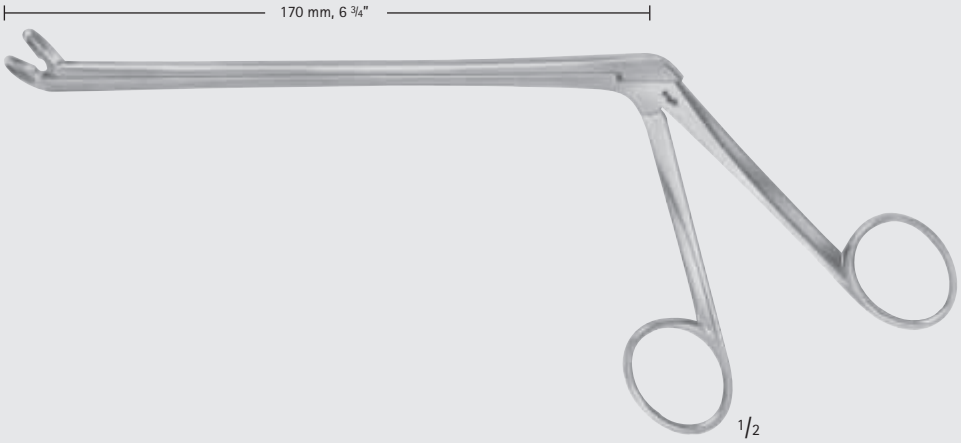


FF806R
3 x 10 mm



1/1

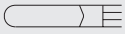
FF814R
4 x 10 mm



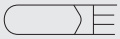
LOVE-GRUENWALD

FF806R–FF814R

150° oberes Maulteil beweglich
upper part of jaw movable

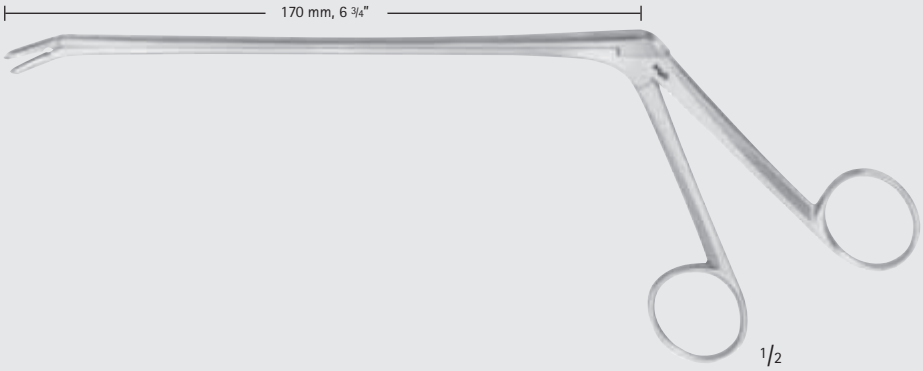


FF810R
3 x 10 mm



1/1

FF811R
4 x 10 mm



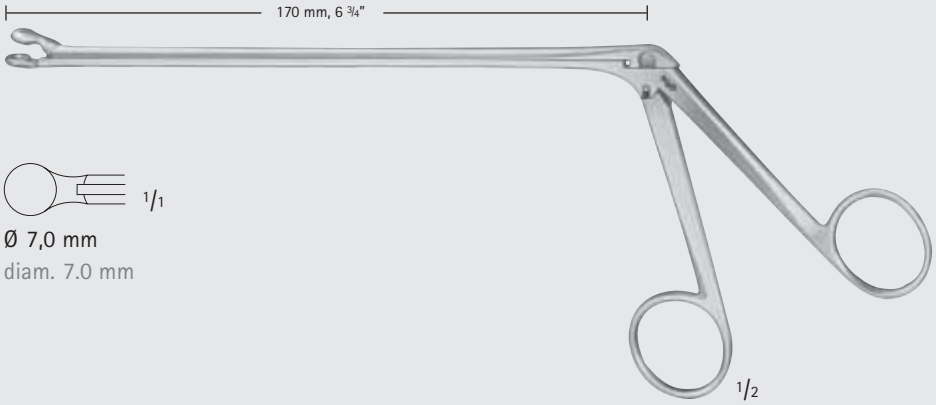
LOVE-GRUENWALD

FF810R–FF811R

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

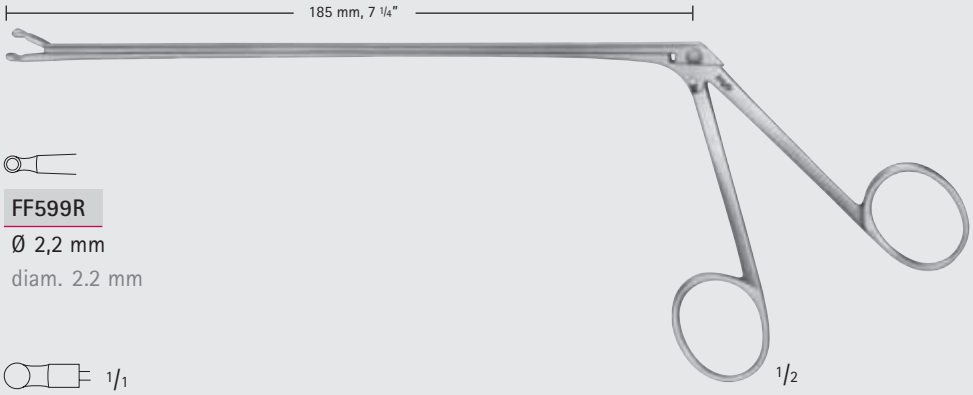


Ø 7,0 mm

diam. 7.0 mm

OLDBERG

FF605R



FF599R

Ø 2,2 mm

diam. 2.2 mm

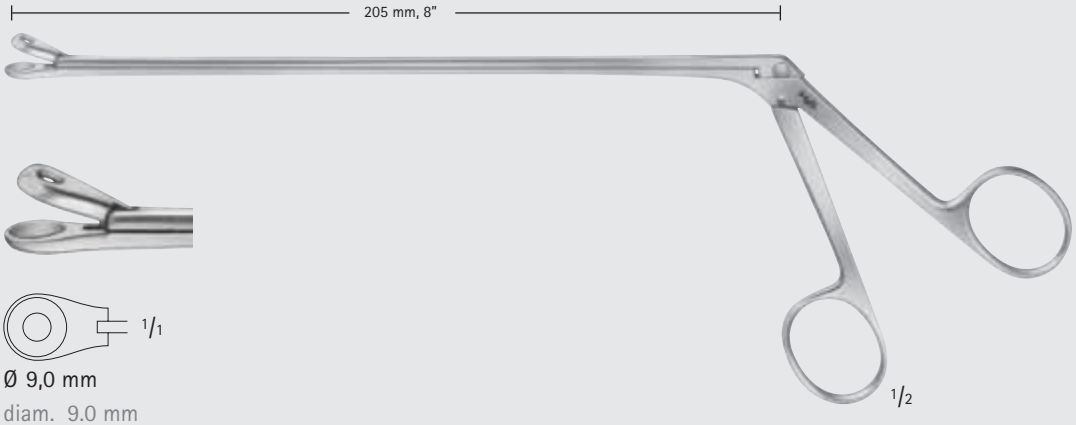
FF600R

Ø 3,5 mm

diam. 3.5 mm

YASARGIL

FF599R–FF600R

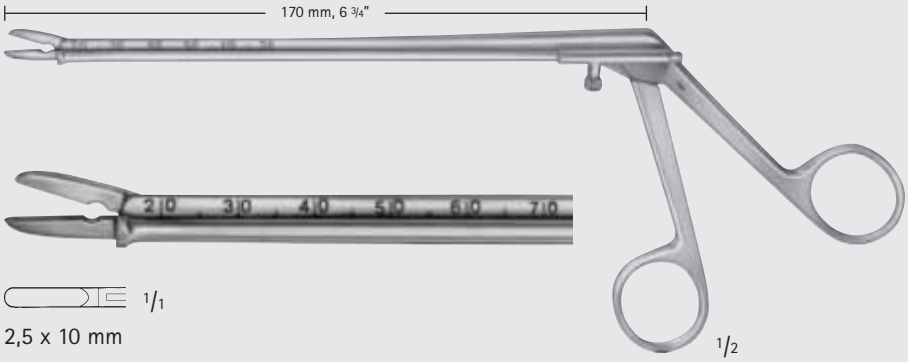


Ø 9,0 mm
diam. 9.0 mm

LANDOLT

FF345R

Tumorfasszange, stumpf
Tumor grasping forceps, blunt



2,5 x 10 mm

KRÄMER

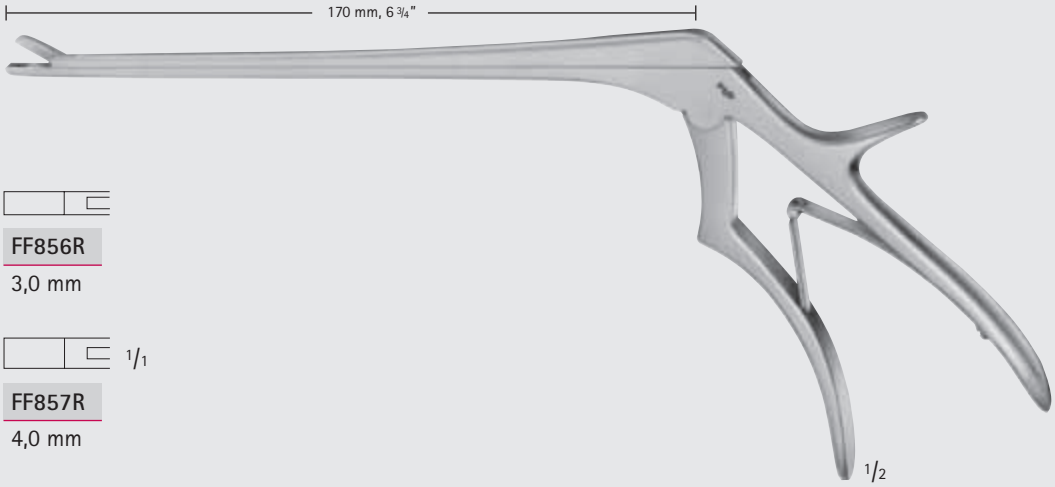
FF820R

mit Tiefenanschlag
with depth guard

Knochenstanzen, Rongeure – Bone Punches, Rongeurs

Rongeure

Rongeurs

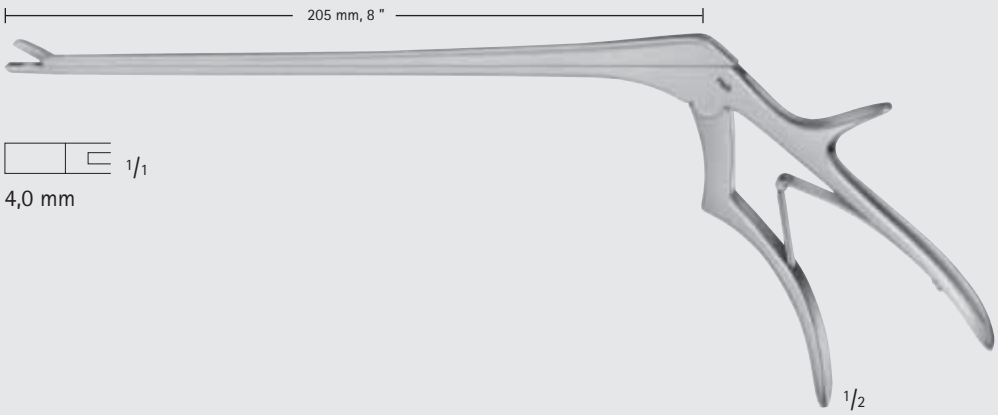


FF856R
3,0 mm

1/1

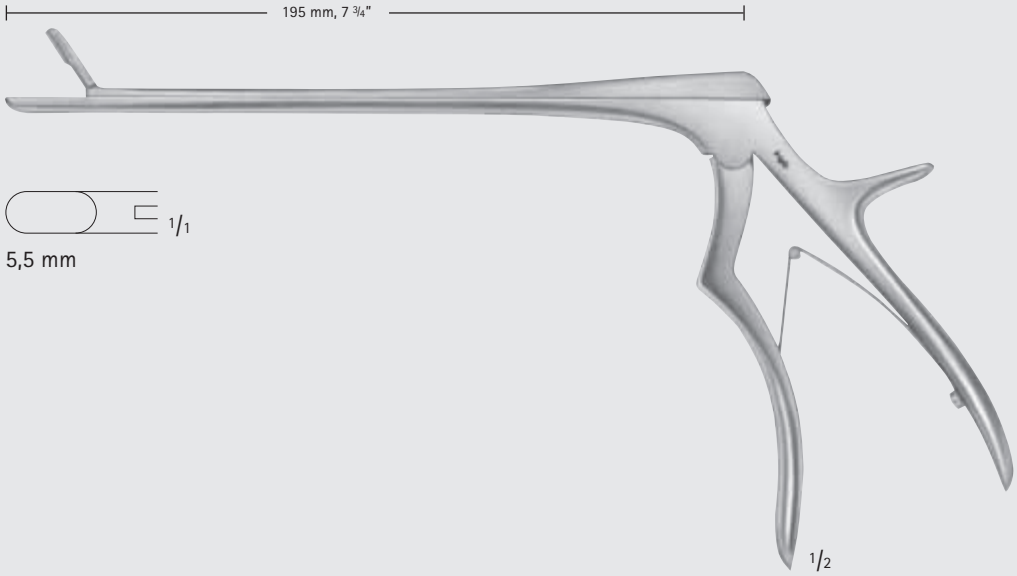
FF857R
4,0 mm

CASPAR
FF856R–FF857R



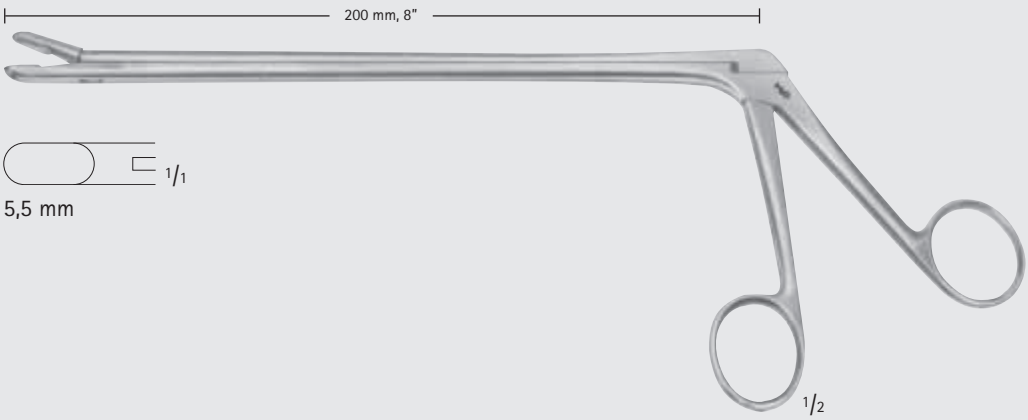
1/1
4,0 mm

CASPAR
FF858R



WAGNER

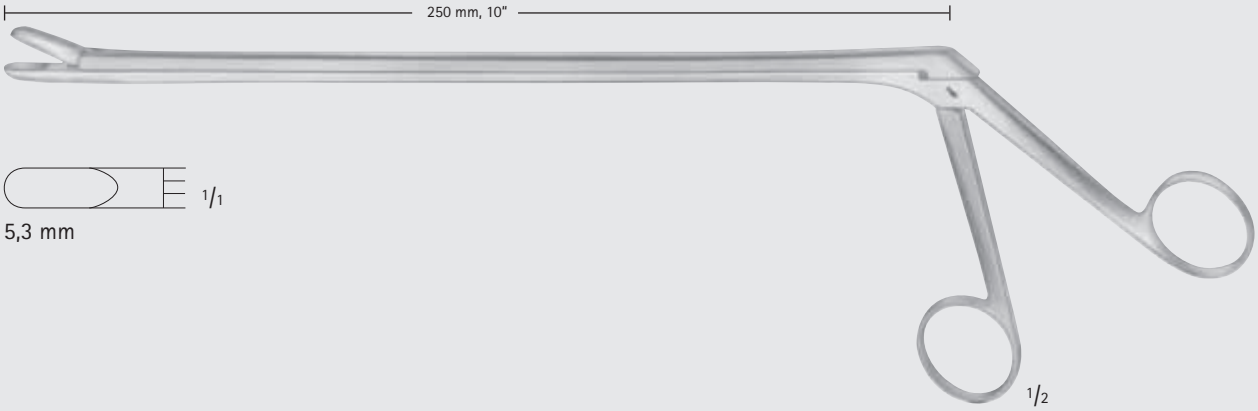
FF818R



WAGNER

FF808R

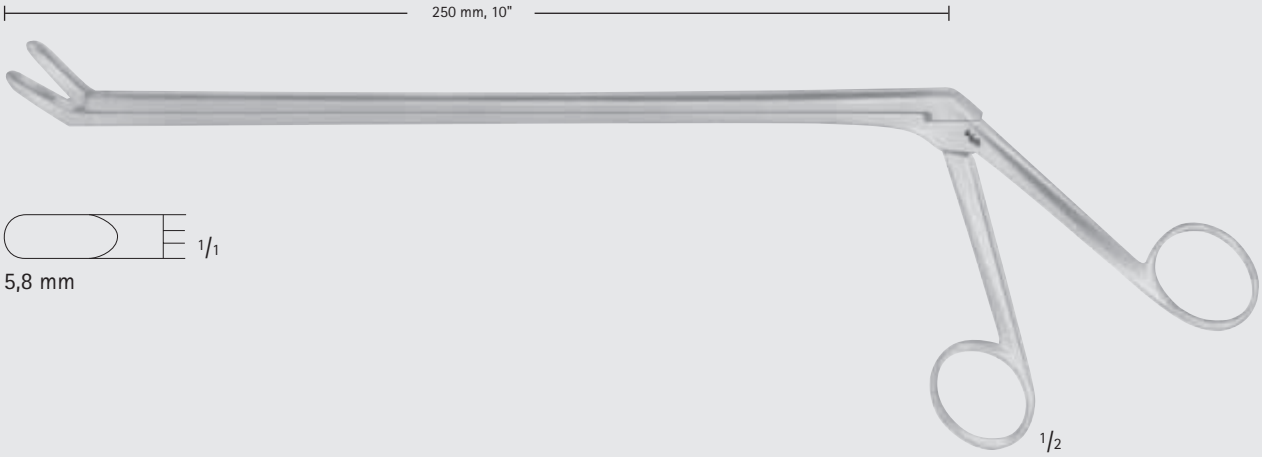
FF



5,3 mm

ND087R

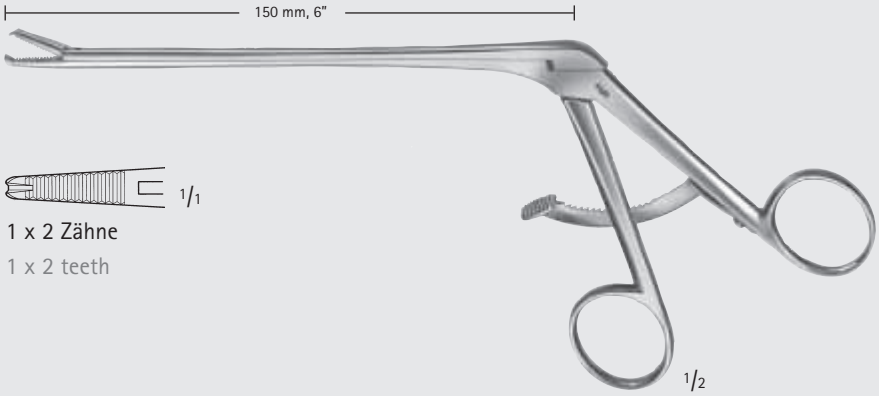
150°



5,8 mm

SYPERT

FG057R



1 x 2 Zähne
1 x 2 teeth

KRÄMER

FO820R

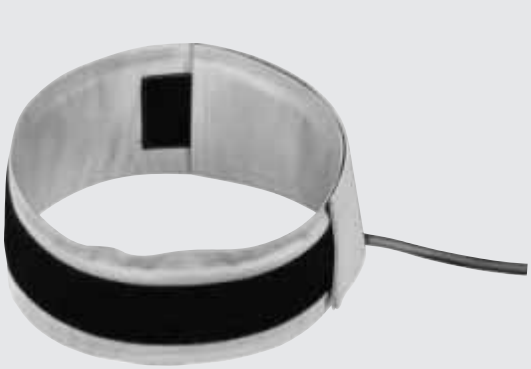
mit Sperre
with catch

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, 3,5 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

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

1/2

FH160R

Phalangenmesser
Phalangeal knife

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

doppelschneidig
double cutting

1/2

FH166R

Zwischenknochenmesser
Interosseous knife

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

1/2

FH170R

Beinhautmesser
mit Schaber
Periosteum knife
with raspatory

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

1/2

1/1

FH191R

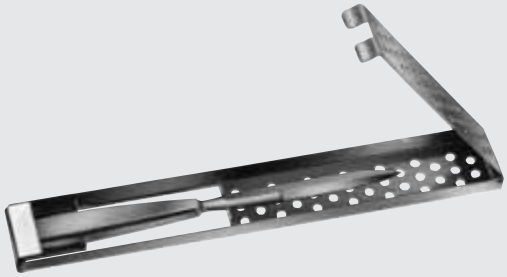
FH192R

LANGENBECK

FH191R–FH192R

Resektionsmesser
Resection knives

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



FH194R

Sterilisierrahmen 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

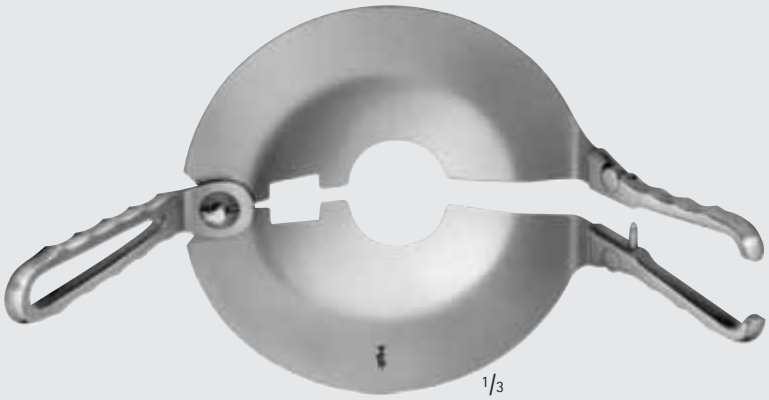
FH197R

Sterilisierrahmen 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

FH

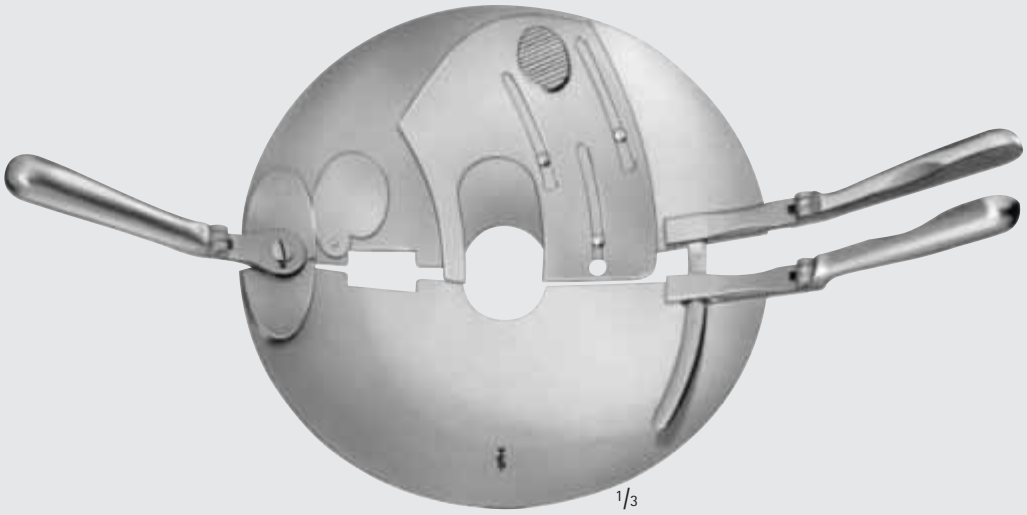


PERCY

FH220R

Griffe abnehmbar

removable handles



PERCY

FH222R

Griffe umlegbar

reversible handles

CHARRIÈRE

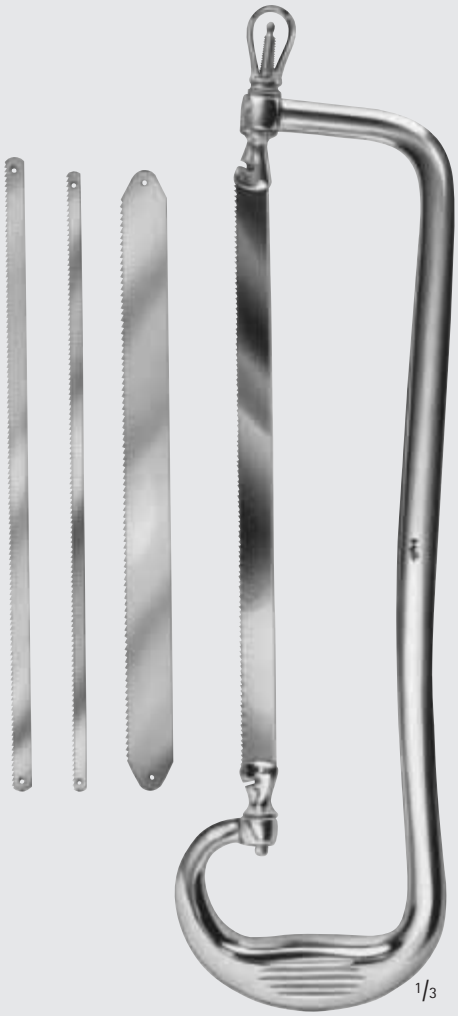
FH300R

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

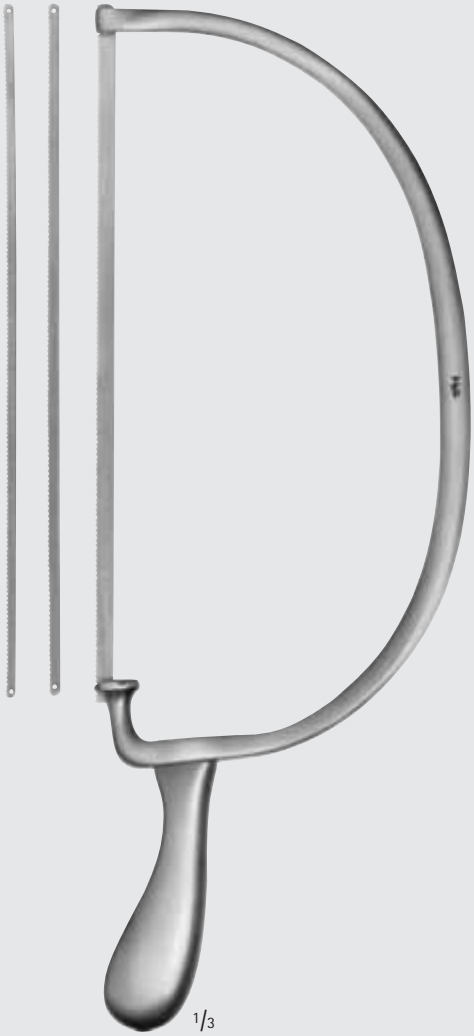
Ersatz-Sägeblätter, Normalstahl verchromt
Spare saw blades, carbon steel chromium plated

	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"

Amputation – Amputation

Amputationssägen

Amputation Saws



1/3

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"

1/2

CHARRIÈRE

FH320R

270 mm, 10 1/2"

Blattlänge: 184 mm,

Blade length: 7 1/4"

SATTERLEE

FH325R

290 mm, 11 1/2"

	Blattlänge Blade length
FH326R	200 mm, 8"

Ersatz-Sägeblatt
Spare saw blade

LANGENBECK

FH335R

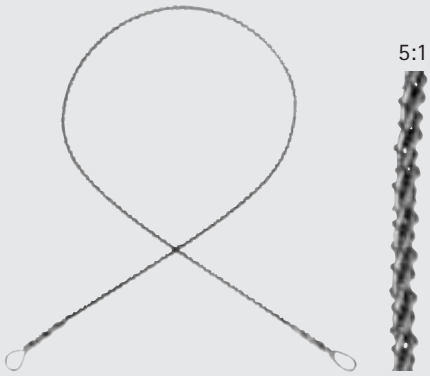
Finger-Stichsäge
Metacarpal saw
235 mm, 9 1/4"
Blattlänge: 115 mm,
Blade length: 4 1/2"

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

1/2

LEBSCHE

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"

FK

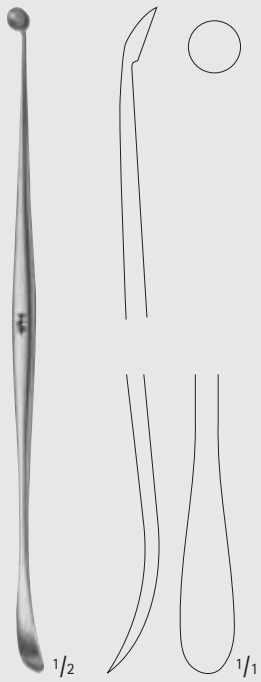
Knochenhebel, Elevatorien, Raspatorien, Scharfe Löffel

Bone Levers, Periosteal Elevators, Bone Curettes

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Dissektoren

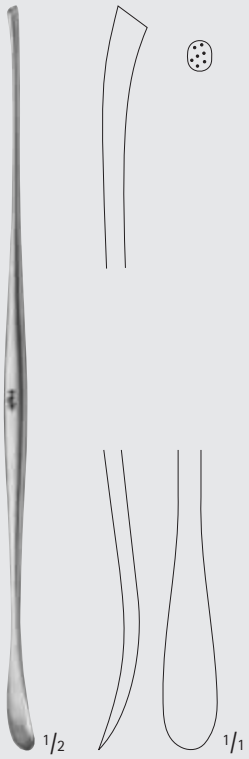
Dissectors



PENFIELD

FF291R

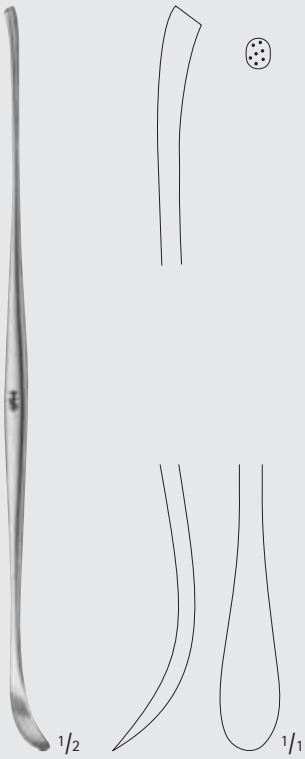
Fig. 1
doppelendig
double-ended
175 mm, 7"



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"

SWEDISH

FF347R 180 mm, 7"
leichtes Modell
light pattern

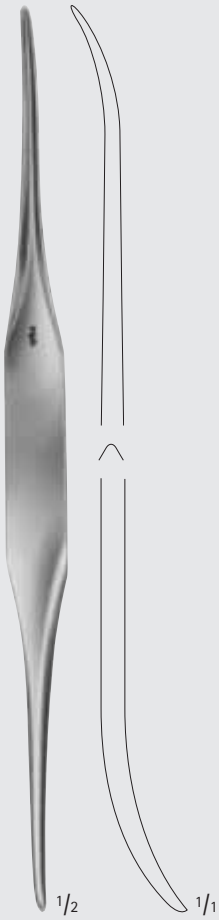
FF348R 200 mm, 8"
kräftiges Modell
heavy pattern

PENNYBACKER

FF349R
Sonde und Dissektor
Probe dissector
230 mm, 9"

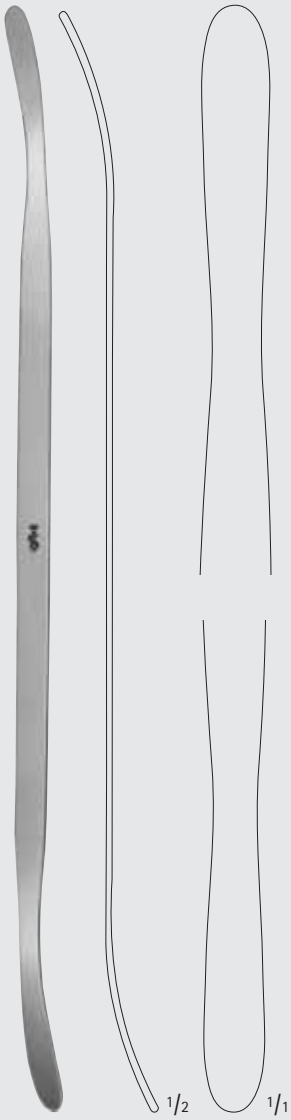
O'CONNELL

FF730R
doppelendig
double-ended
220 mm, 8 3/4"



TÖNNIS

FF308R
Hohlsonde
Grooved director
240 mm, 9 1/2"



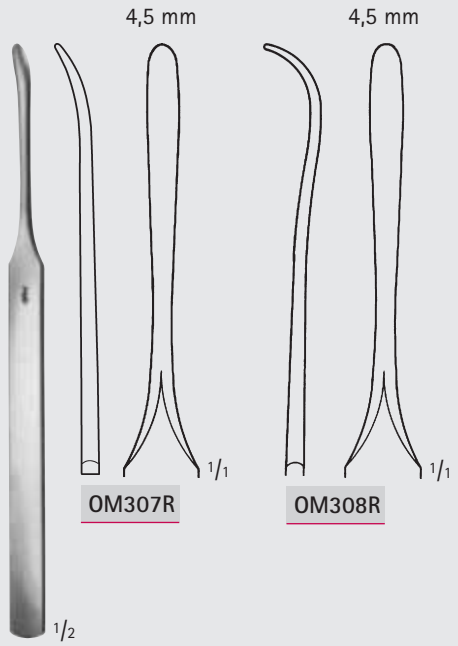
PENFIELD

FF295R
Fig. 5
doppelendig, leicht gebogen
double-ended, slightly curved
290 mm, 11 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Elevatorien und Knochenhebel

Elevators and Bone Levers



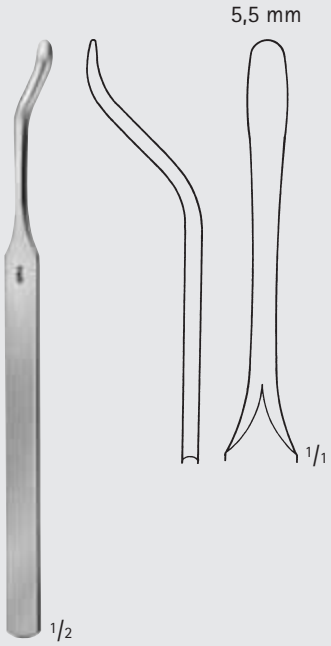
OM307R

OM308R

KÖNIG

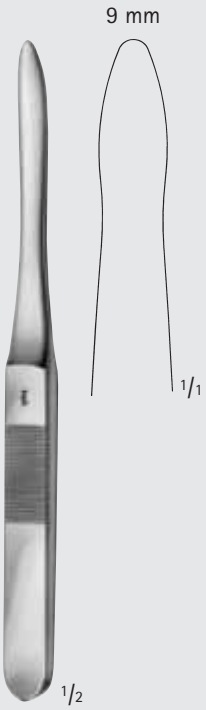
OM307R-OM308R

155 mm, 6"



FK110R

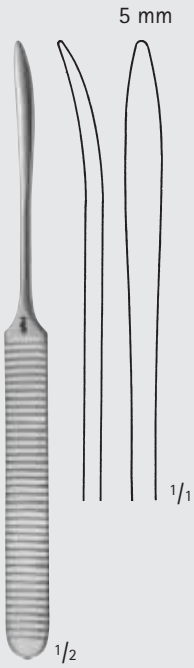
155 mm, 6"



CAIRNS

FK141R

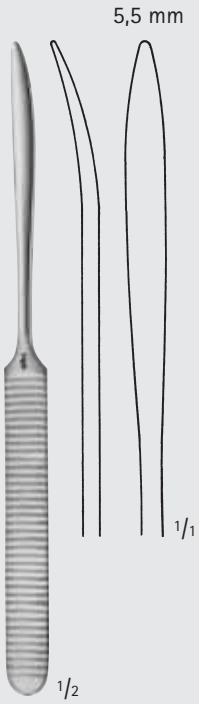
175 mm, 6 3/4"



WILLIGER

FK120R

165 mm, 6 1/2"



WILLIGER

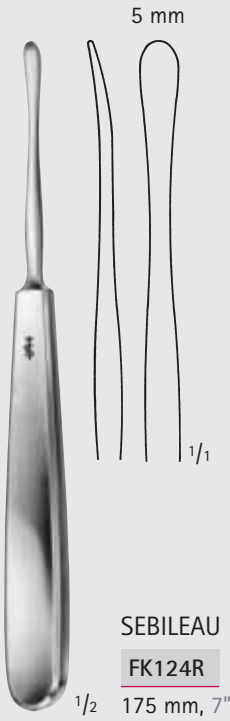
FK121R

170 mm, 6 3/4"

MB275R	MB276R	MB277R	MB278R
klein	mittel	groß	extra groß
small	medium	large	extra large
14 mm	19 mm	25 mm	30 mm
185 mm	205 mm	235 mm	255 mm
7 1/4"	8"	9 1/4"	10"

CHANDLER

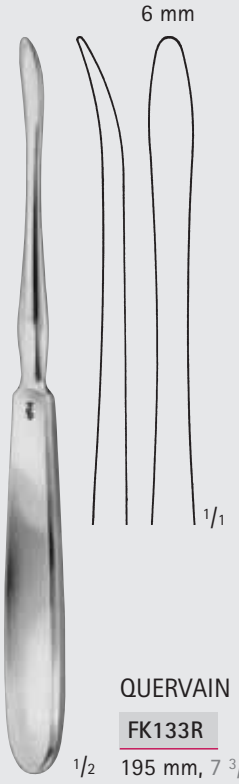
MB275R-MB278R



SEBILEAU

FK124R

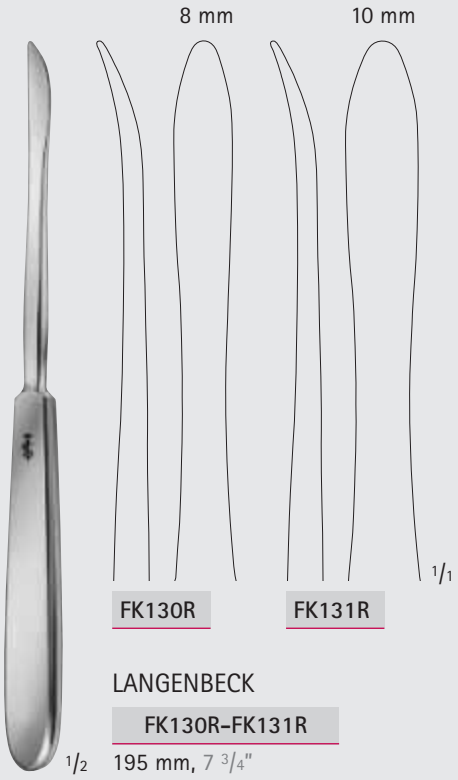
175 mm, 7"



QUERVAIN

FK133R

195 mm, 7 3/4"

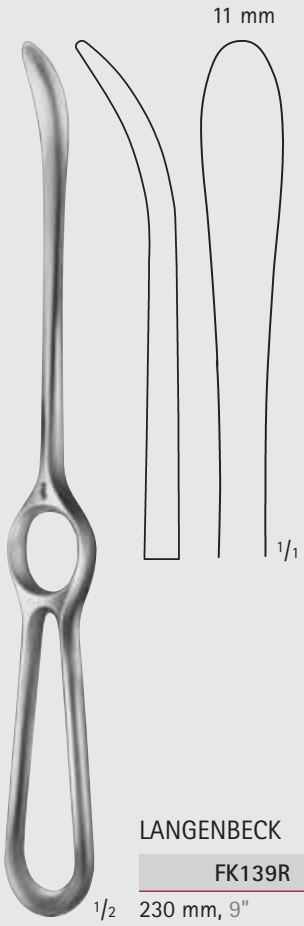


FK130R FK131R

LANGENBECK

FK130R–FK131R

195 mm, 7 3/4"



LANGENBECK

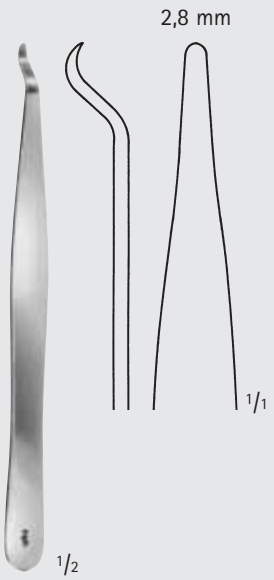
FK139R

230 mm, 9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

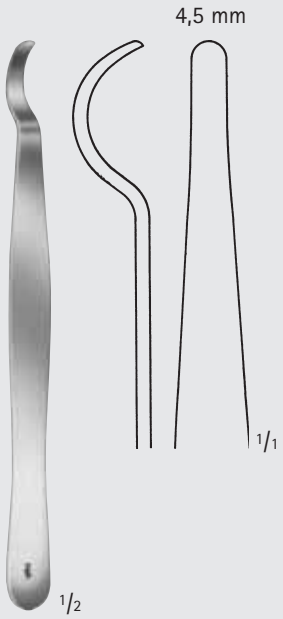
Knochenhebel

Bone Levers



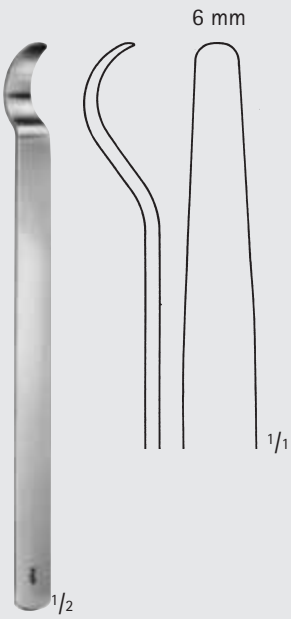
FK111R

140 mm, 5 1/2"



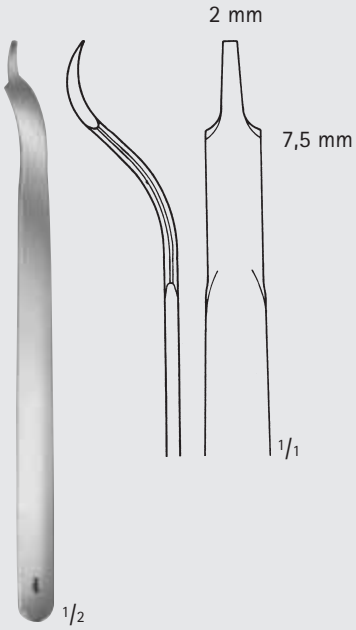
FK113R

150 mm, 6"



FK114R

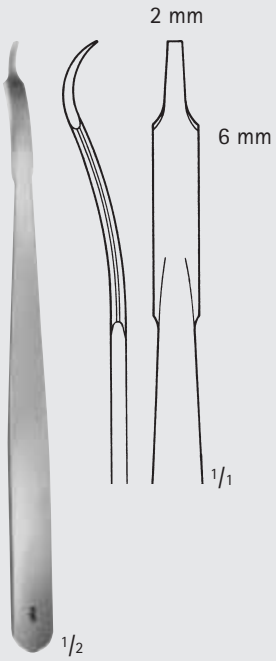
150 mm, 6"



BUCK-GRAMCKO

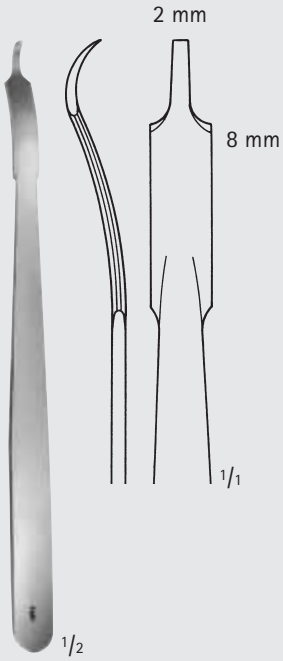
FK116R

150 mm, 6"



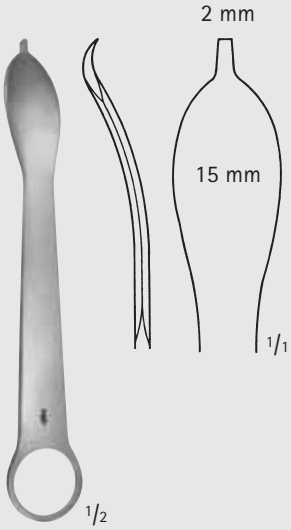
FK117R

160 mm, 6 1/4"



FK118R

160 mm, 6 1/4"



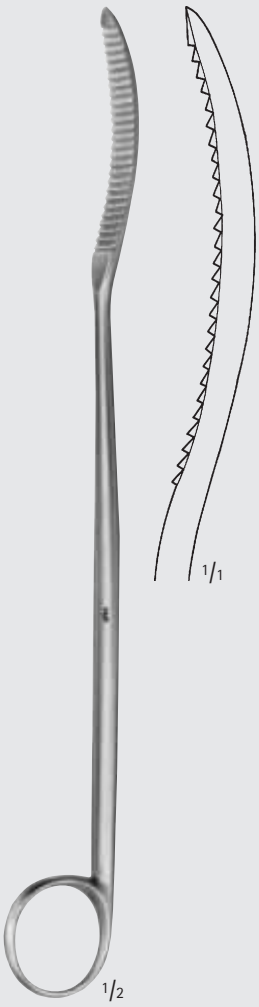
FK119R

125 mm, 5"

LANE TRETHOWAN

FK135R

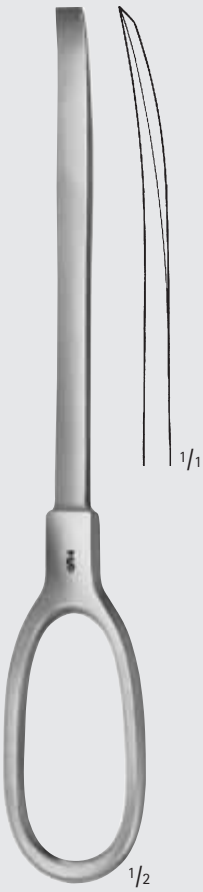
215 mm, 8 1/2"



LANE

FK136R

255 mm, 10"



BRISTOW

FK140R

230 mm, 9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

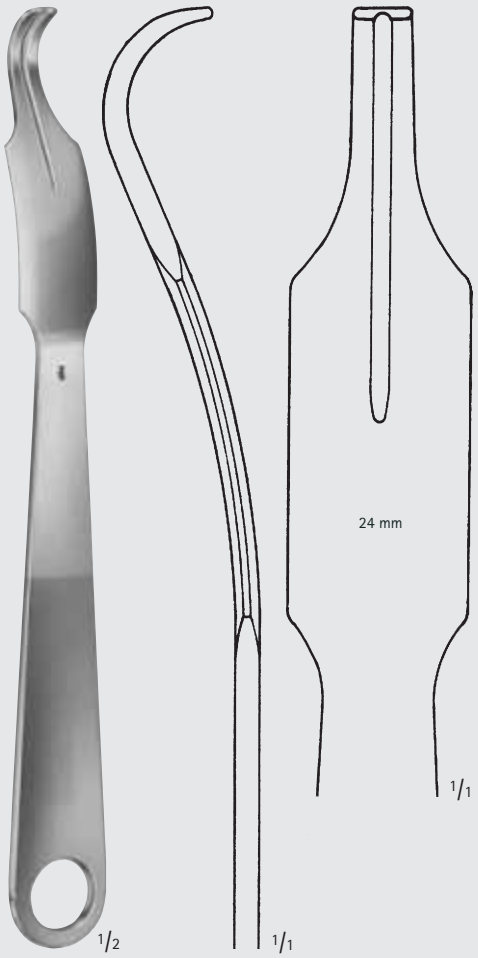
Knochenhebel

Bone Levers

WATSON-JONES

FK156R

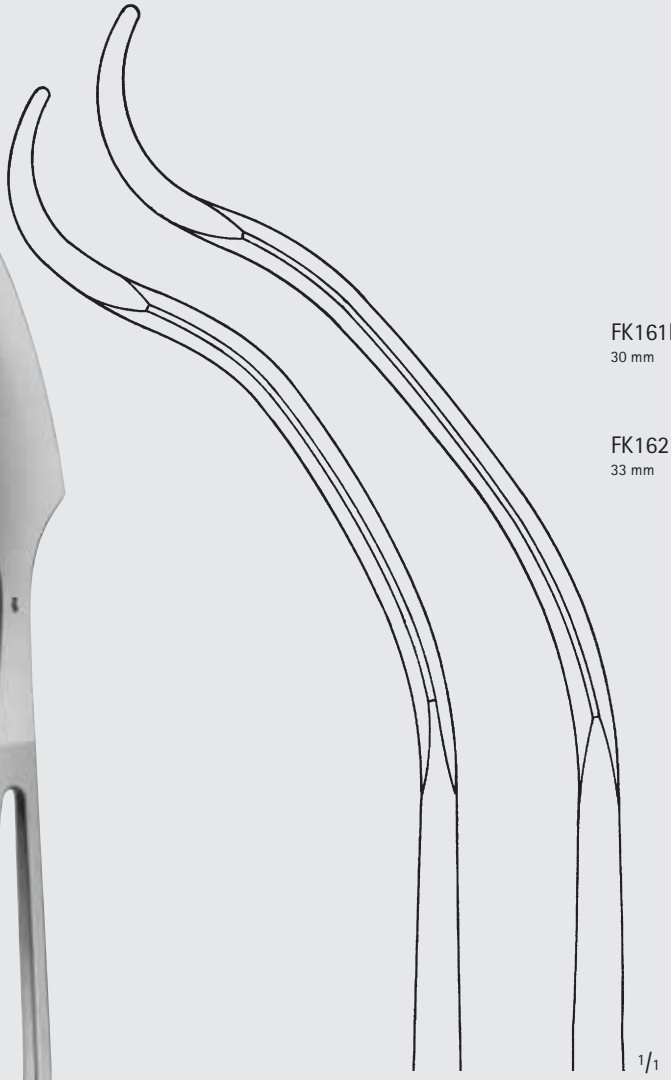
280 mm, 11"

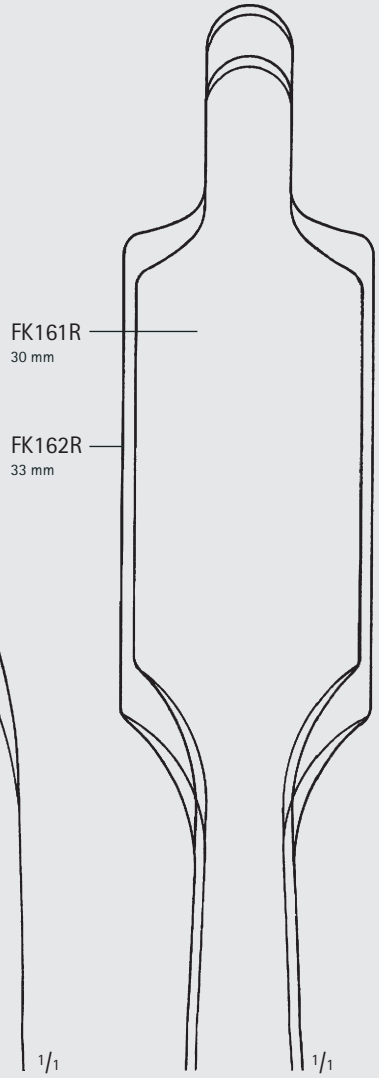


LANGE-HOHMANN

FK160R

250 mm, 10"





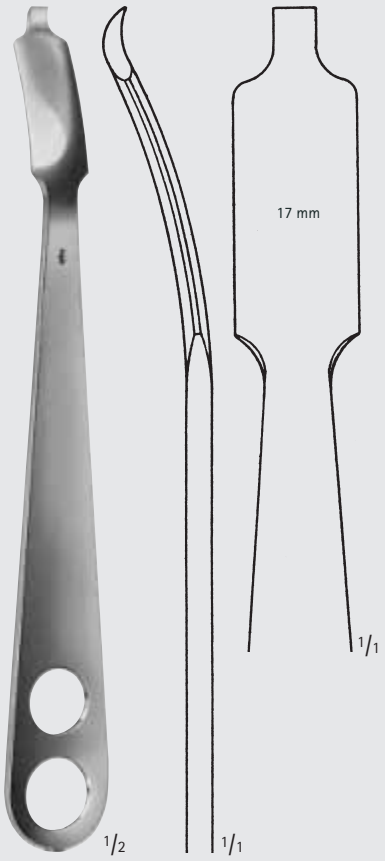
LANGE-HOHMANN MODIF.

FK161R	265 mm	10 1/2"
FK162R	280 mm	11 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

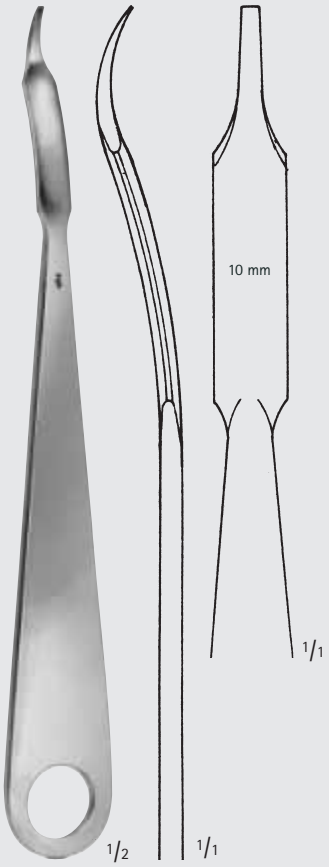
Bone Levers



WAGNER

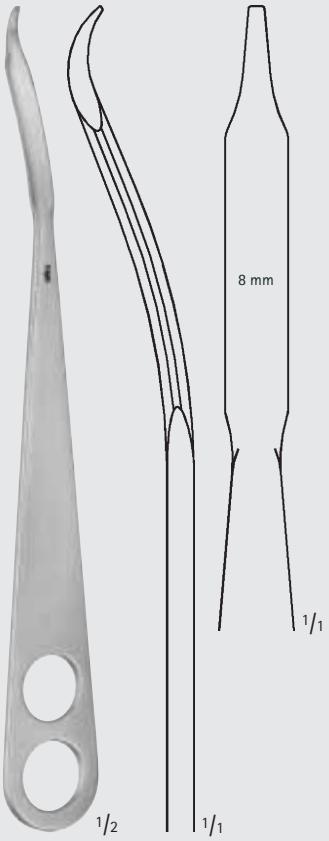
FK167R

220 mm, 8 3/4"



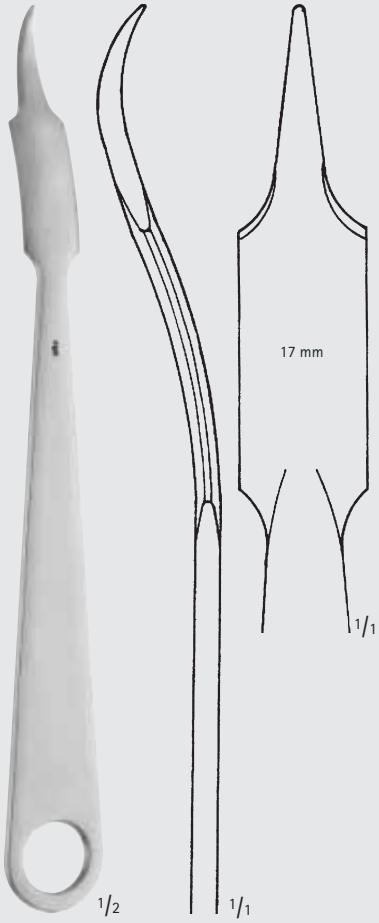
FK170R

220 mm, 8 3/4"

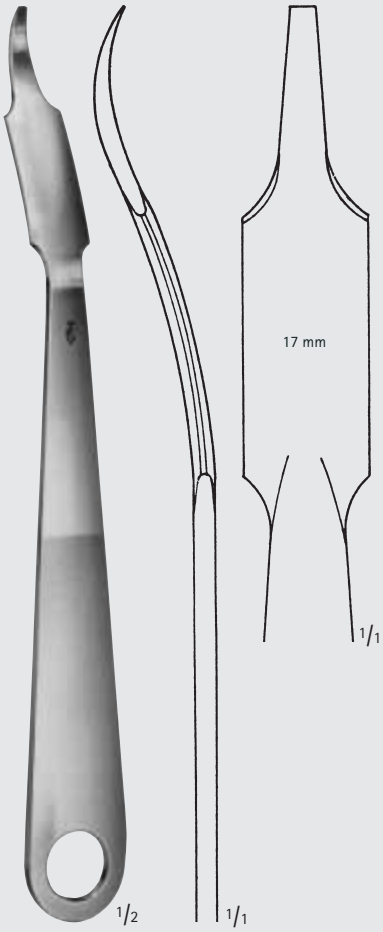


FK185R

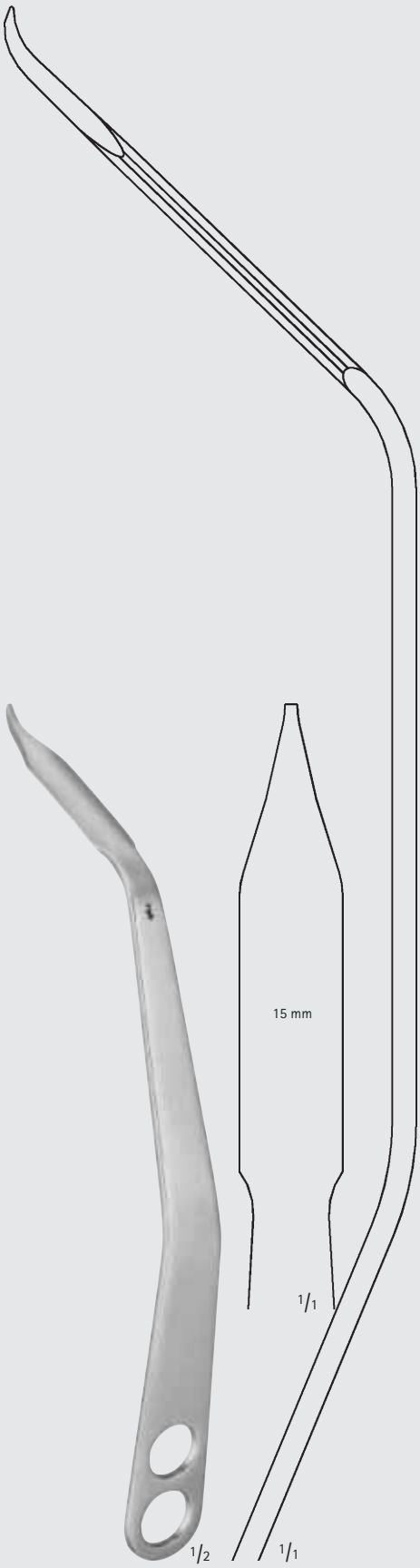
220 mm, 8 3/4"



FK166R
240 mm, 9 1/2"



FK171R
240 mm, 9 1/2"

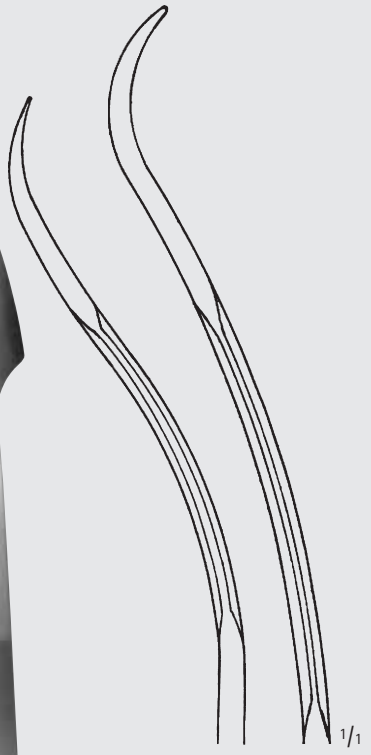


FK186R
250 mm, 10"

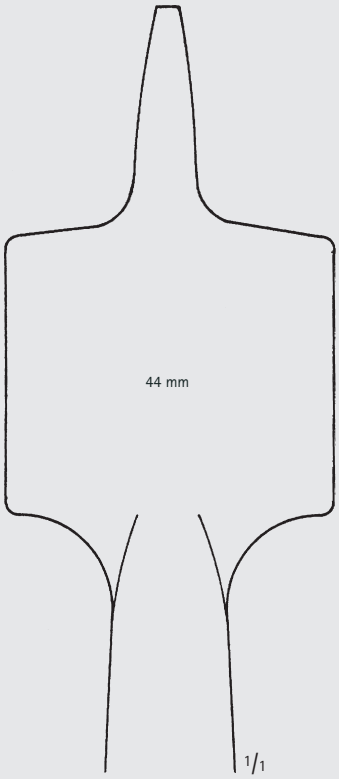
Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel

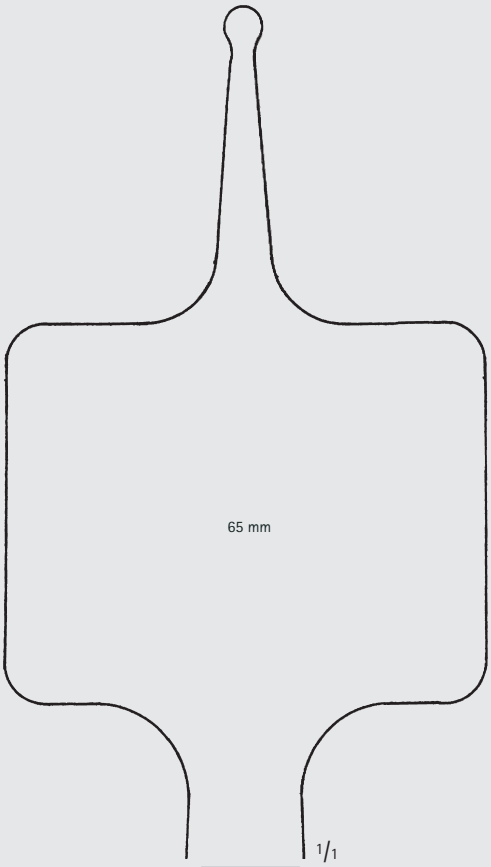
Bone Levers



FK174R FK175R



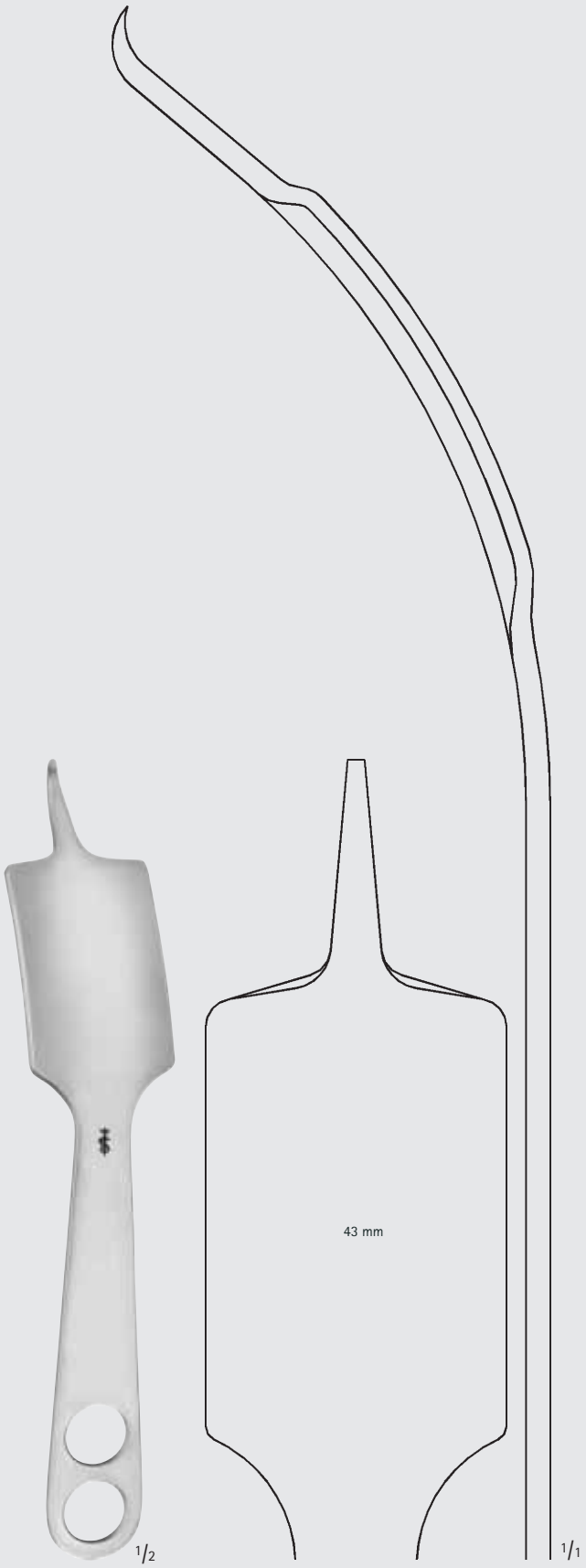
FK174R



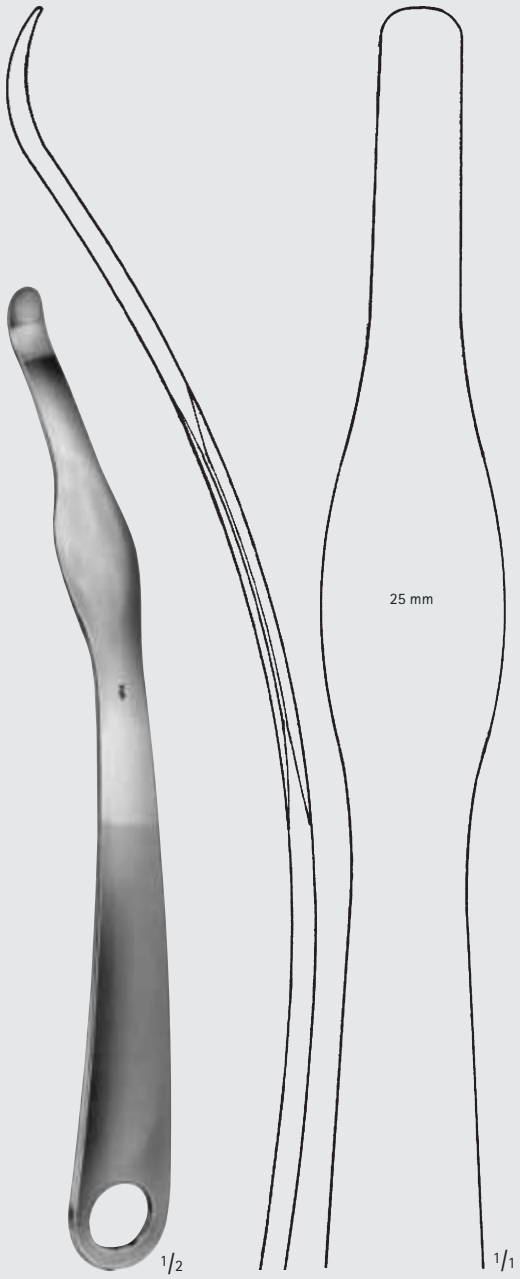
FK175R

VERBRUGGE-MÜLLER

FK174R	240 mm	9 1/2"
FK175R	255 mm	10"

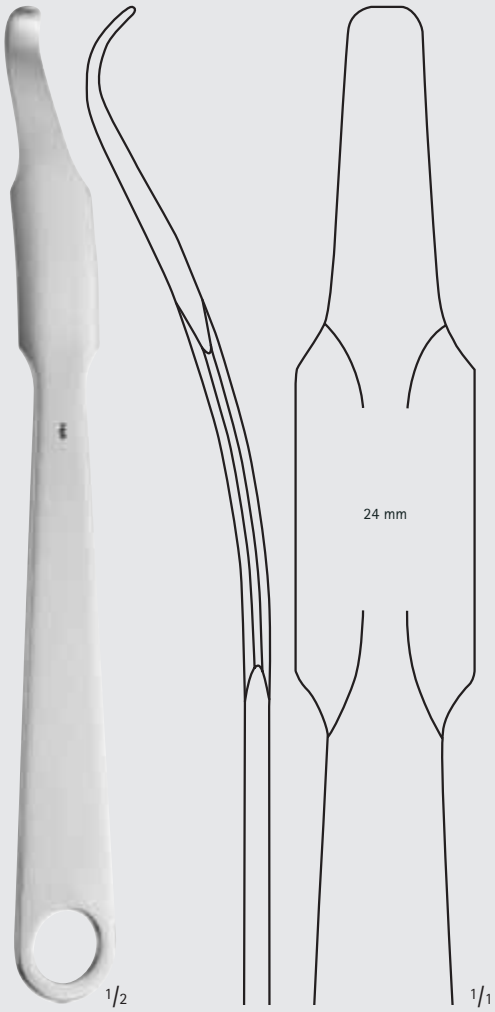


FK188R
230 mm, 9"



FK176R
260 mm, 10 1/4"

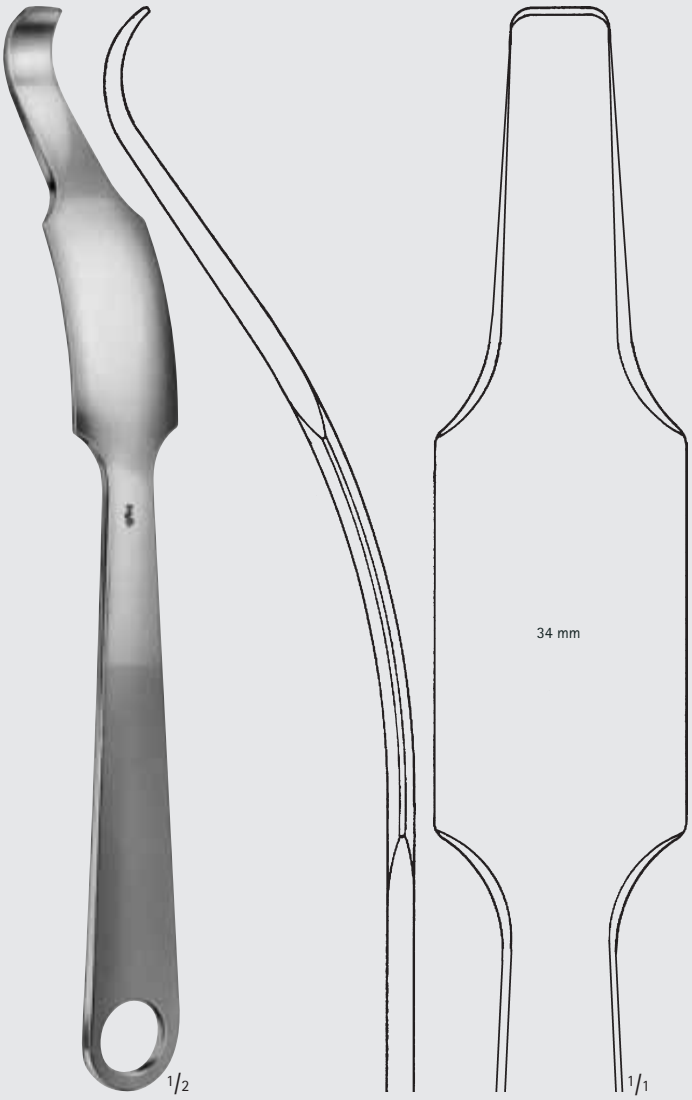
FK



HOHMANN

FK172R

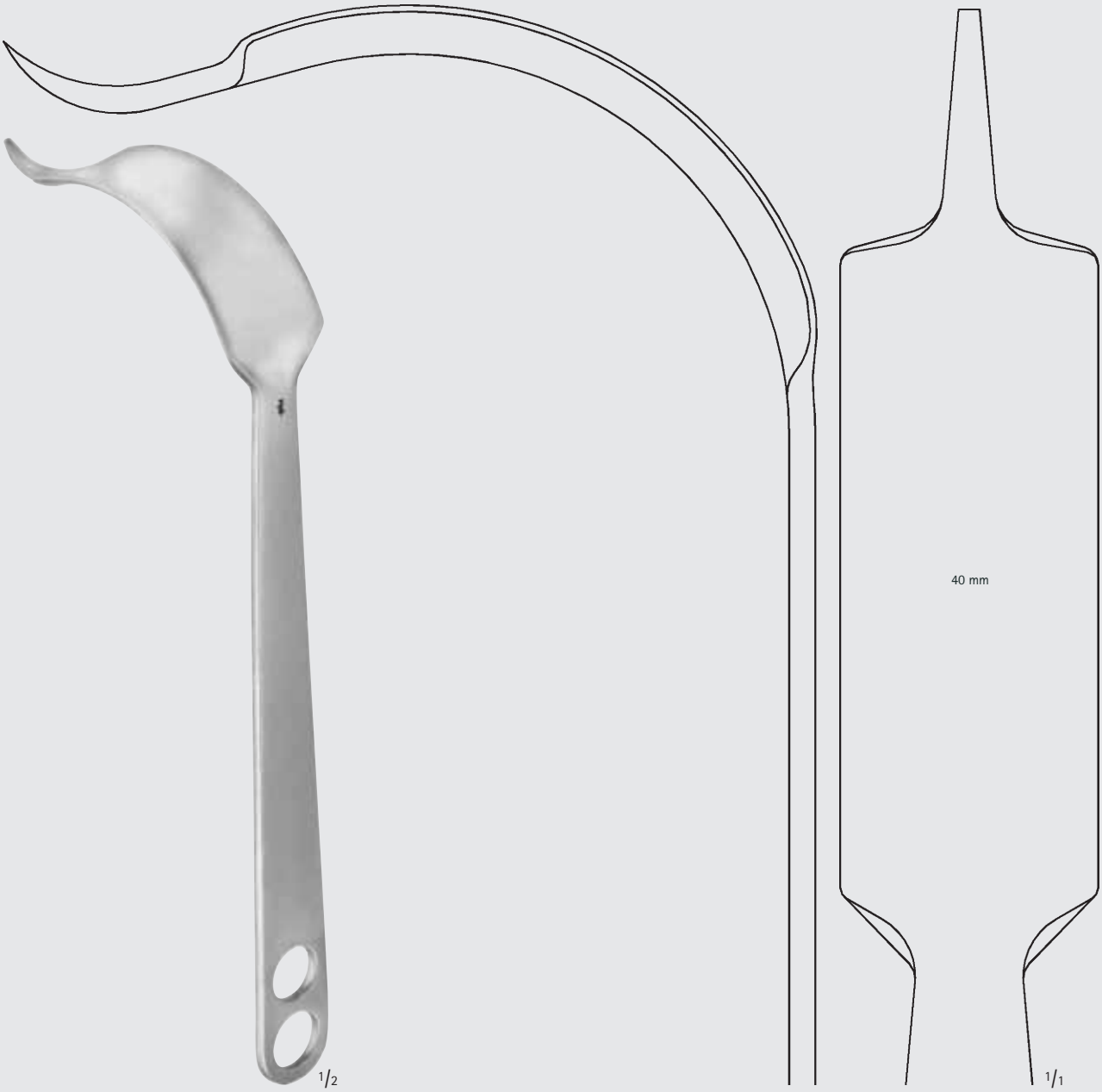
260 mm, 10 1/4"



HOHMANN

FK173R

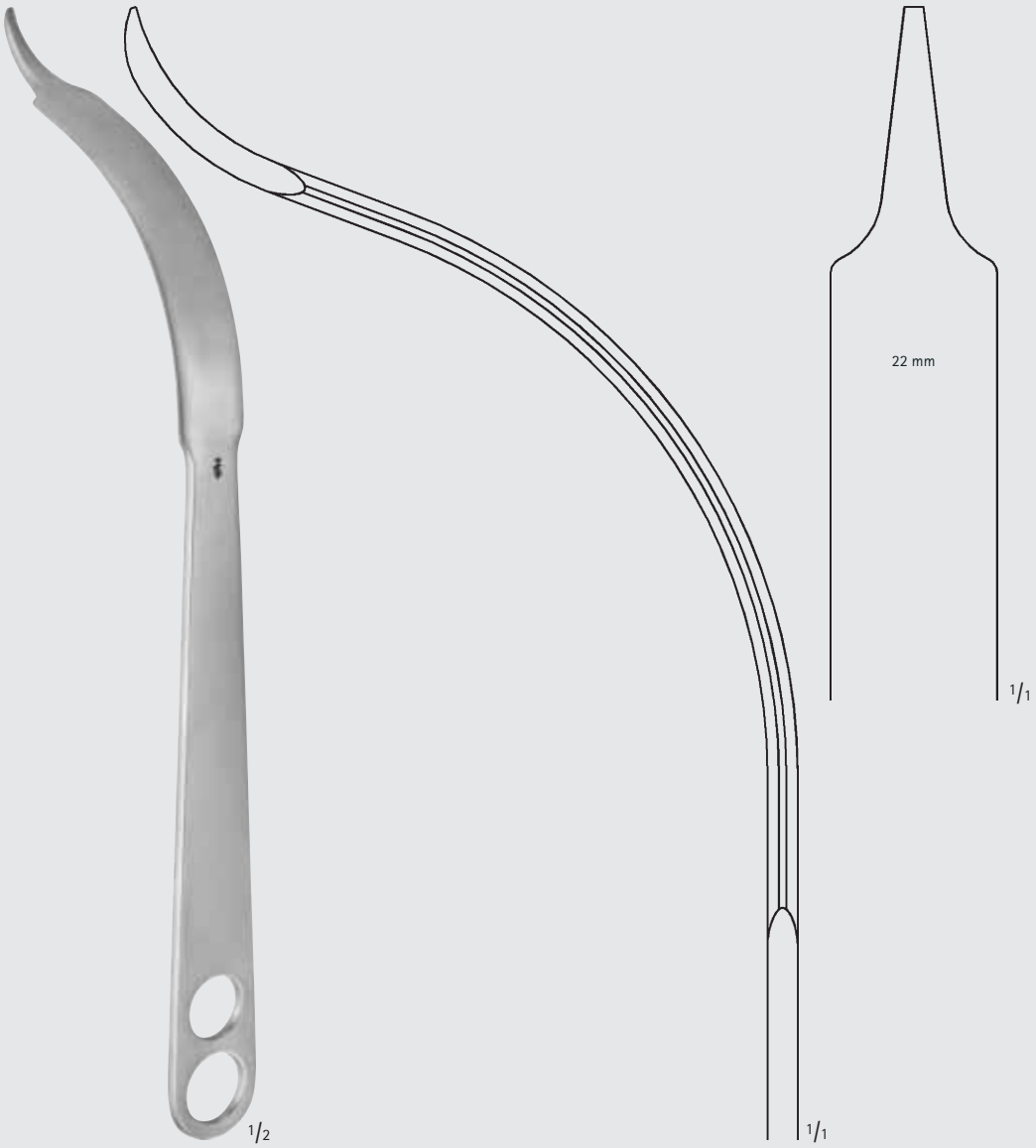
285 mm, 11 1/4"



FK189R

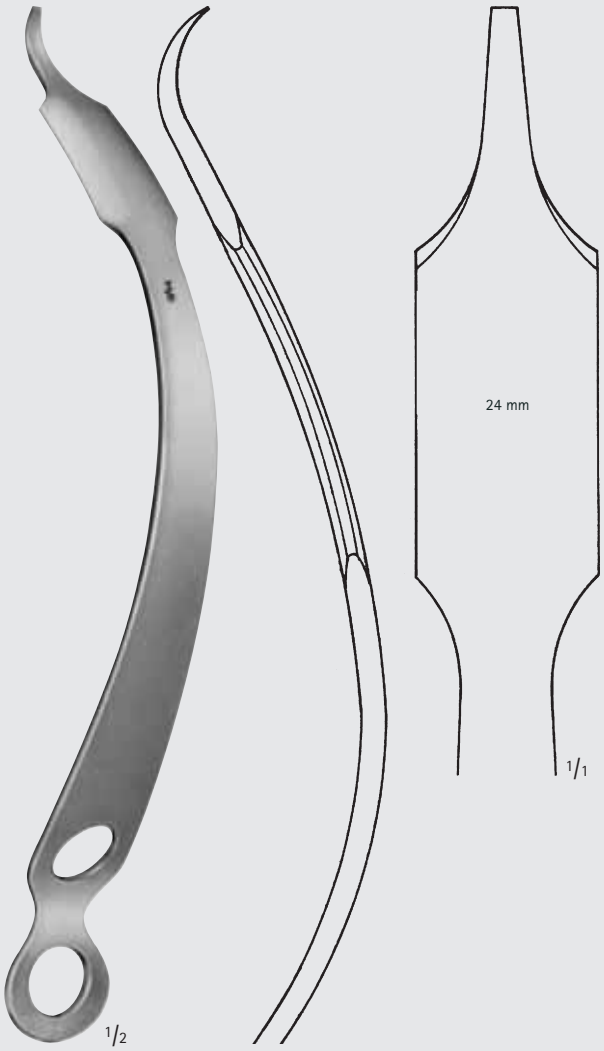
290 mm, 11 1/2"

FK



FK187R

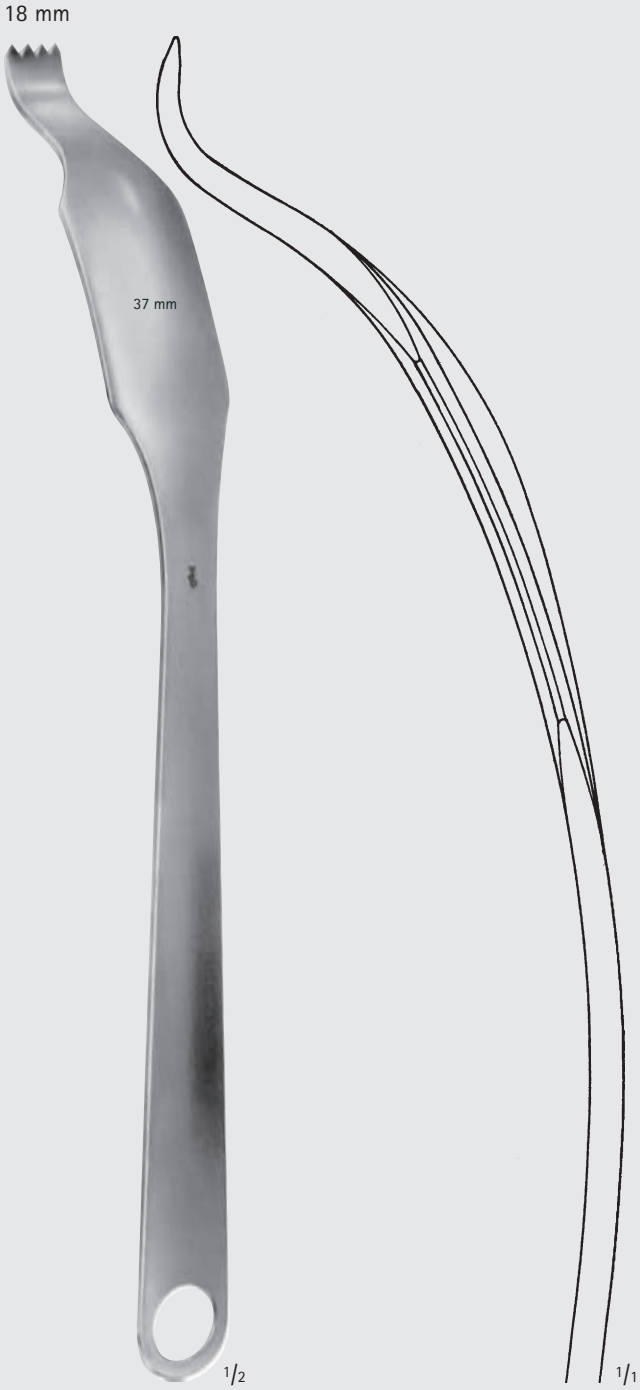
300 mm, 12"



HOHMANN-ALDINGER

FK169R

270 mm, 10 3/4"



SCHUMACHER MOD. WAGNER

FK168R

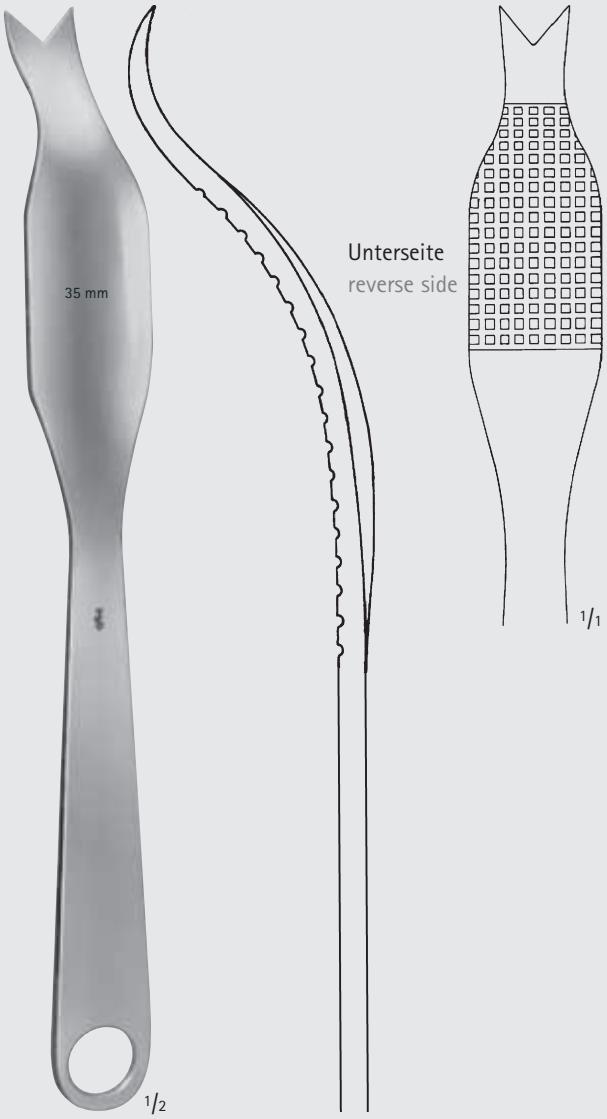
355 mm, 13 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochenhebel, Spezial-Knochenhebel

Bone Levers, Special Bone Levers

18 mm

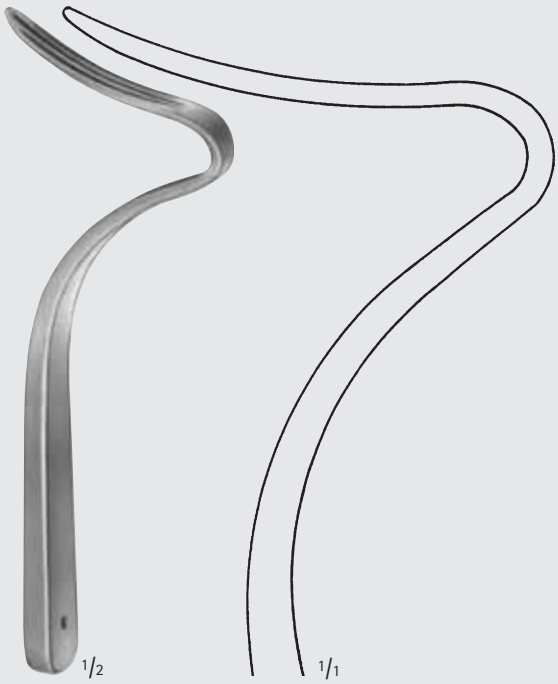


SCHUMACHER

FK177R

290 mm, 11 1/2"

12 mm



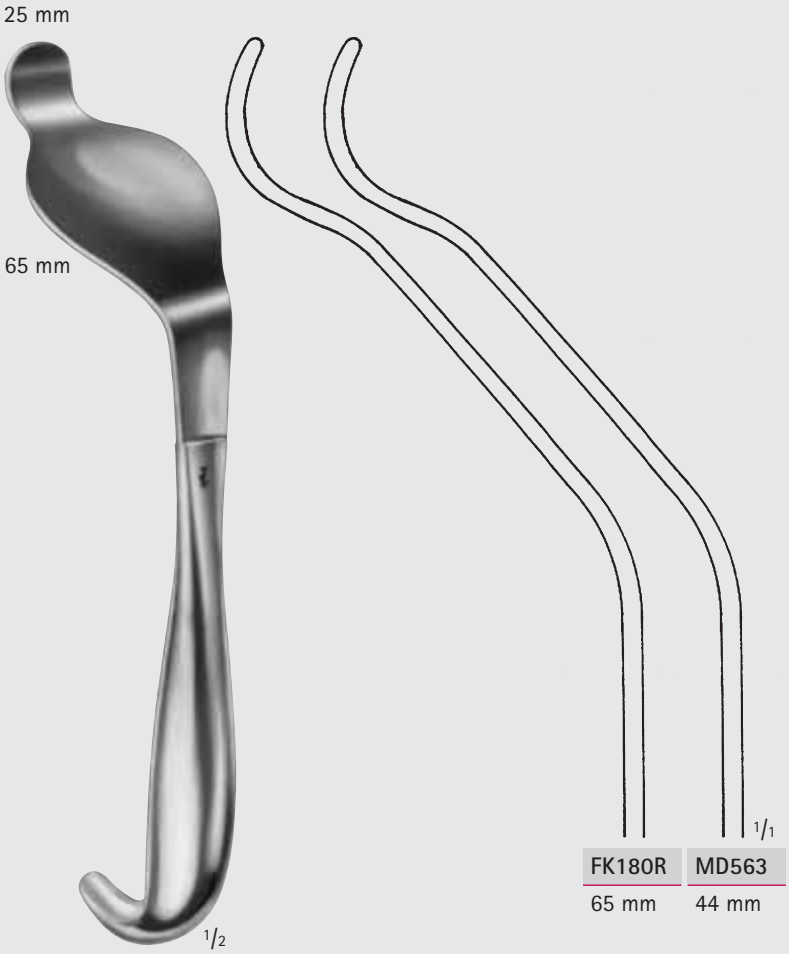
TÄGER

FK158R

Knochenhebel für Fußgelenkoperationen

Bone lever for angle joint operations

175 mm, 7"

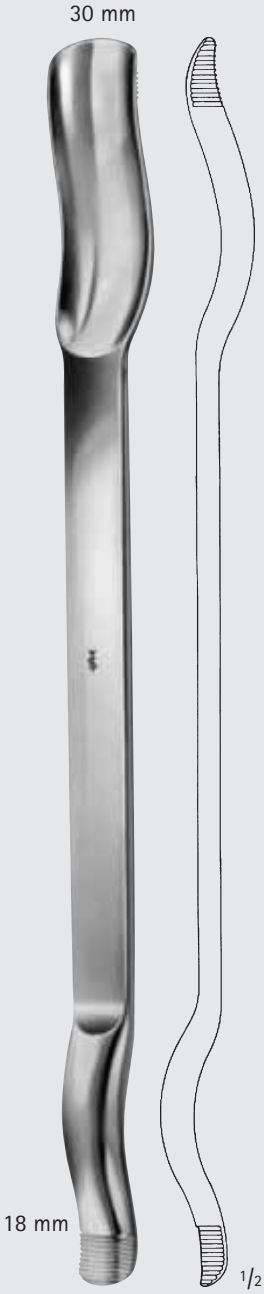


FK180R	MD563
65 mm	44 mm

BENNETT

FK180R-MD563

235 mm, 9 1/4"



MURPHY-LANE

FK193R

Luxationshebel

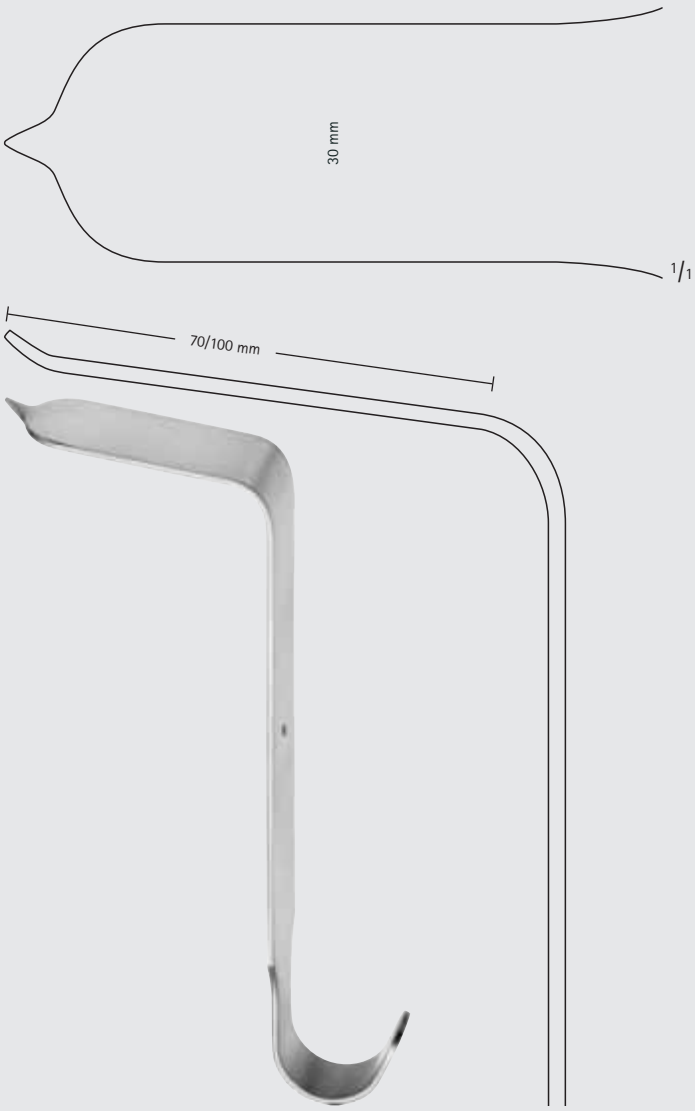
Luxation lever

330 mm, 13 1/8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Retraktoren

Retractors



TAYLOR

	Blattgröße: Blade size:		
BT501R	30 x 70 mm	185 mm	7 1/4"
BT502R	30 x 100 mm	200 mm	8"

BT503R
25 x 75 mm

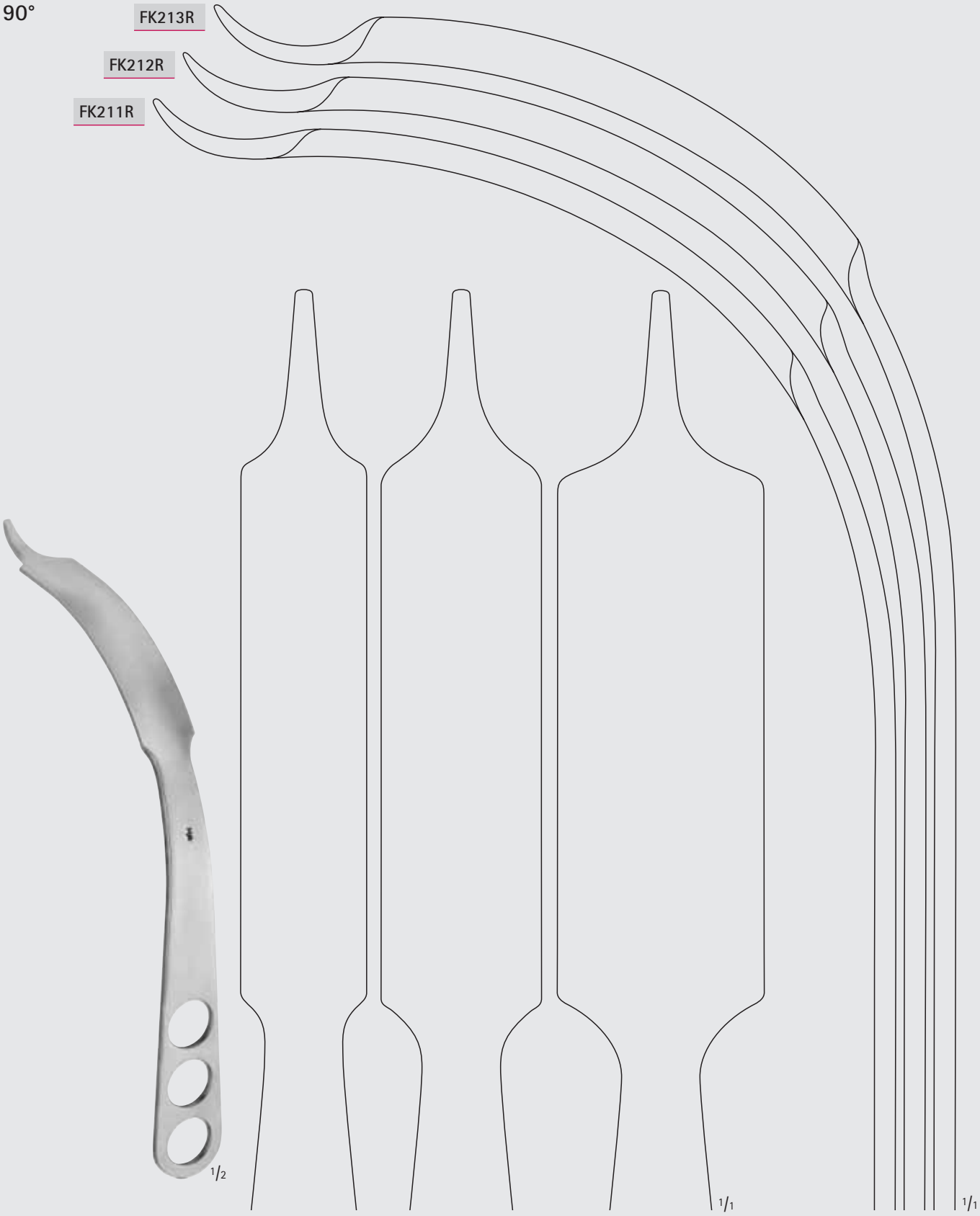
BT504R
20 x 50 mm

BT505R
13 x 25 mm

HIBBS

BT503R–BT505R
235 mm, 9 1/8"

90°



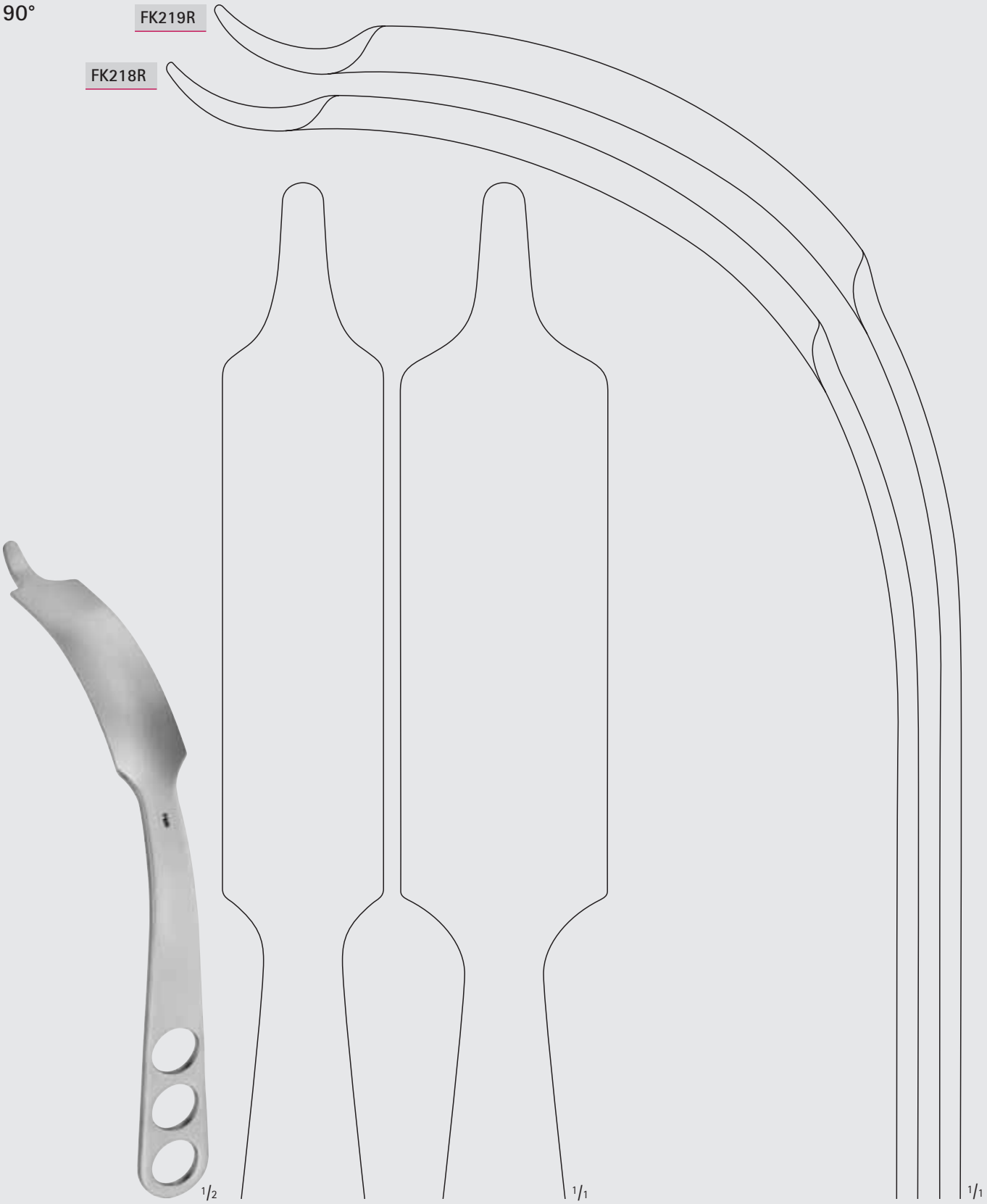
FK211R–FK213R	FK211R	FK212R	FK213R
scharfe Spitze	22 mm	28 mm	40 mm
sharp tip			
240 mm, 9 1/2"			

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

90°

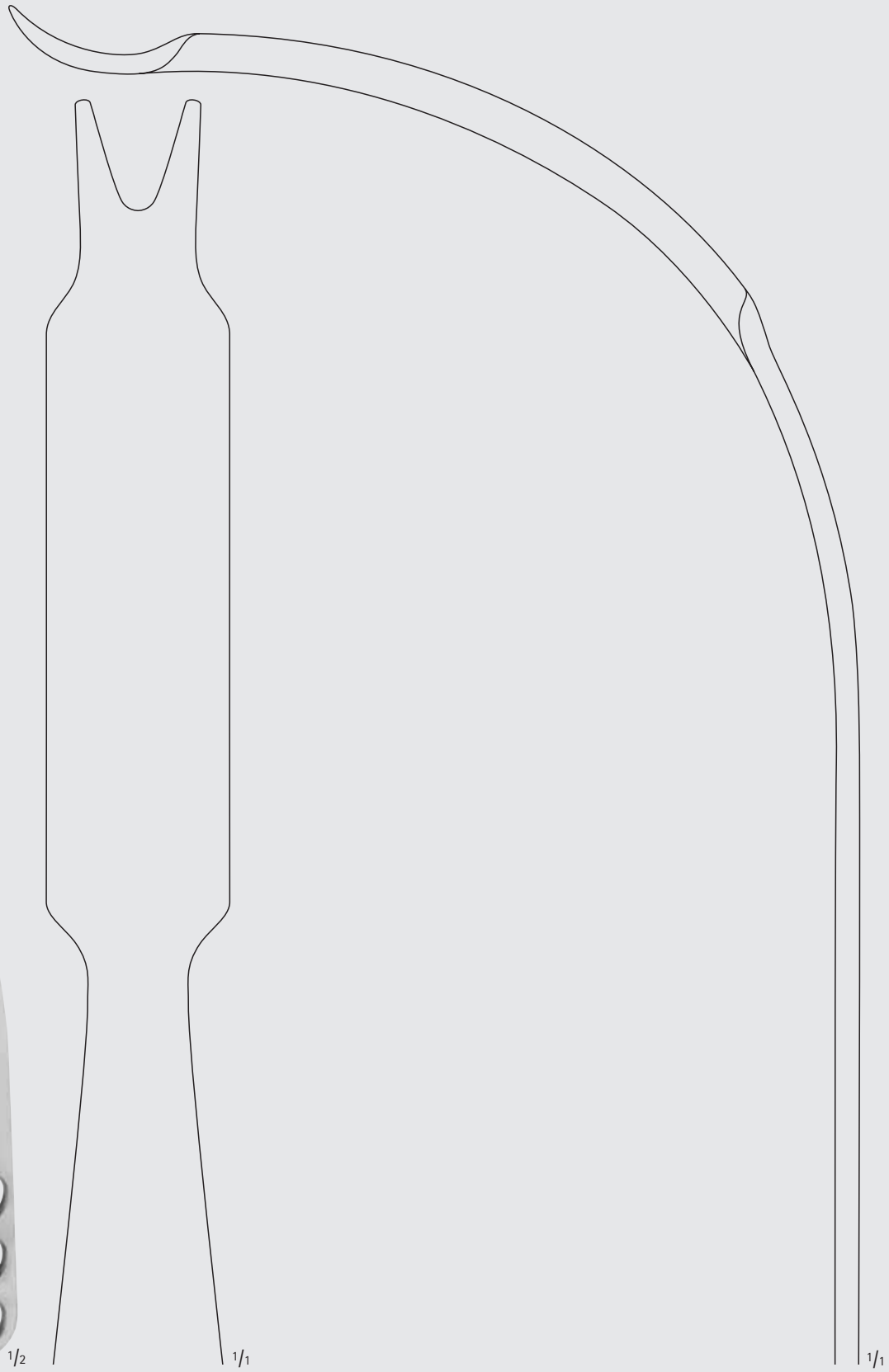


FK218R
28 mm

FK219R
40 mm

FK218R–FK219R
stumpfe Spitze
blunt tip
240 mm, 9 1/2"

90°



FK224R

V-Spitze

V-tip

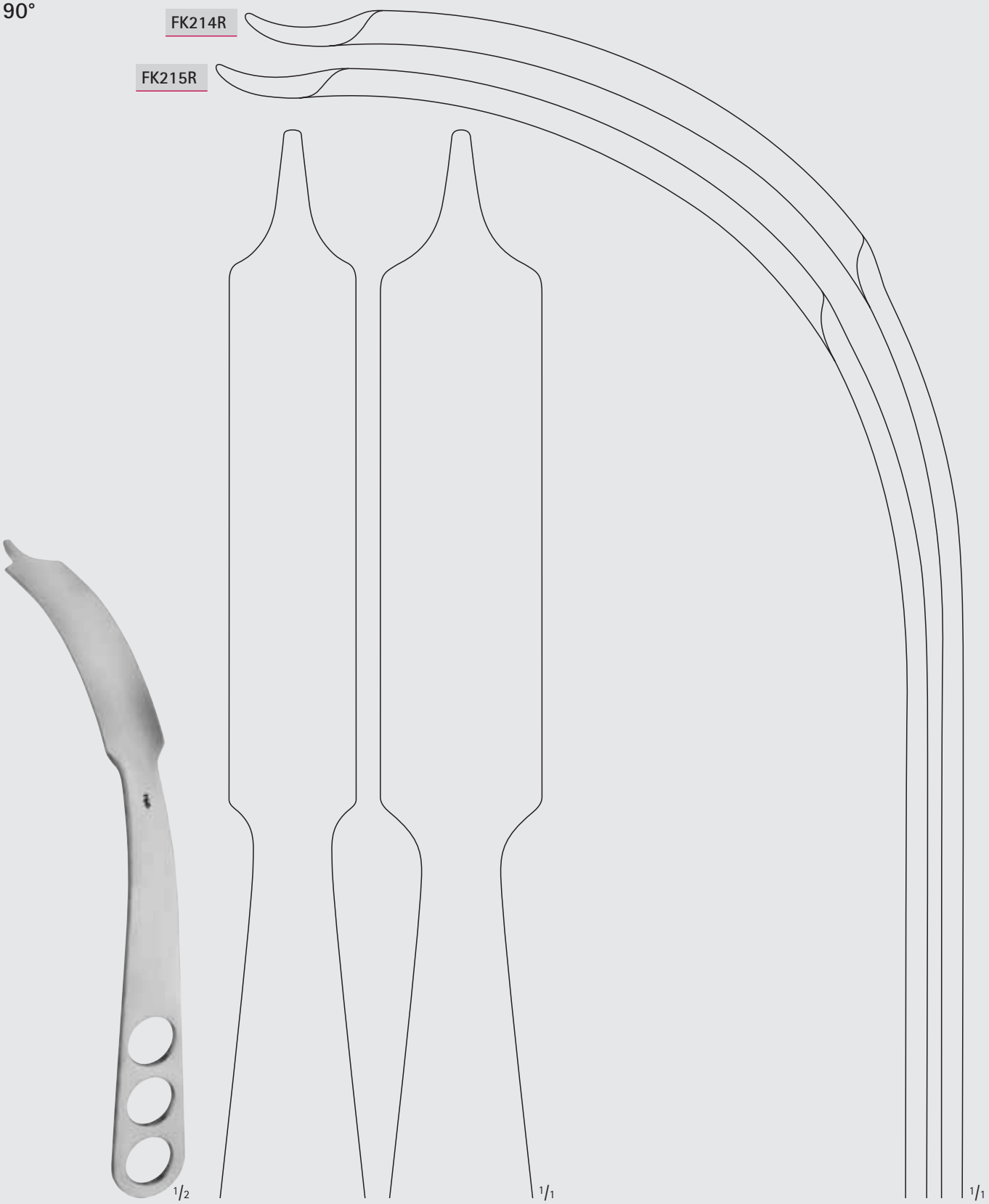
240 mm, 9 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

MIOS Retraktoren

MIOS Retractors

90°

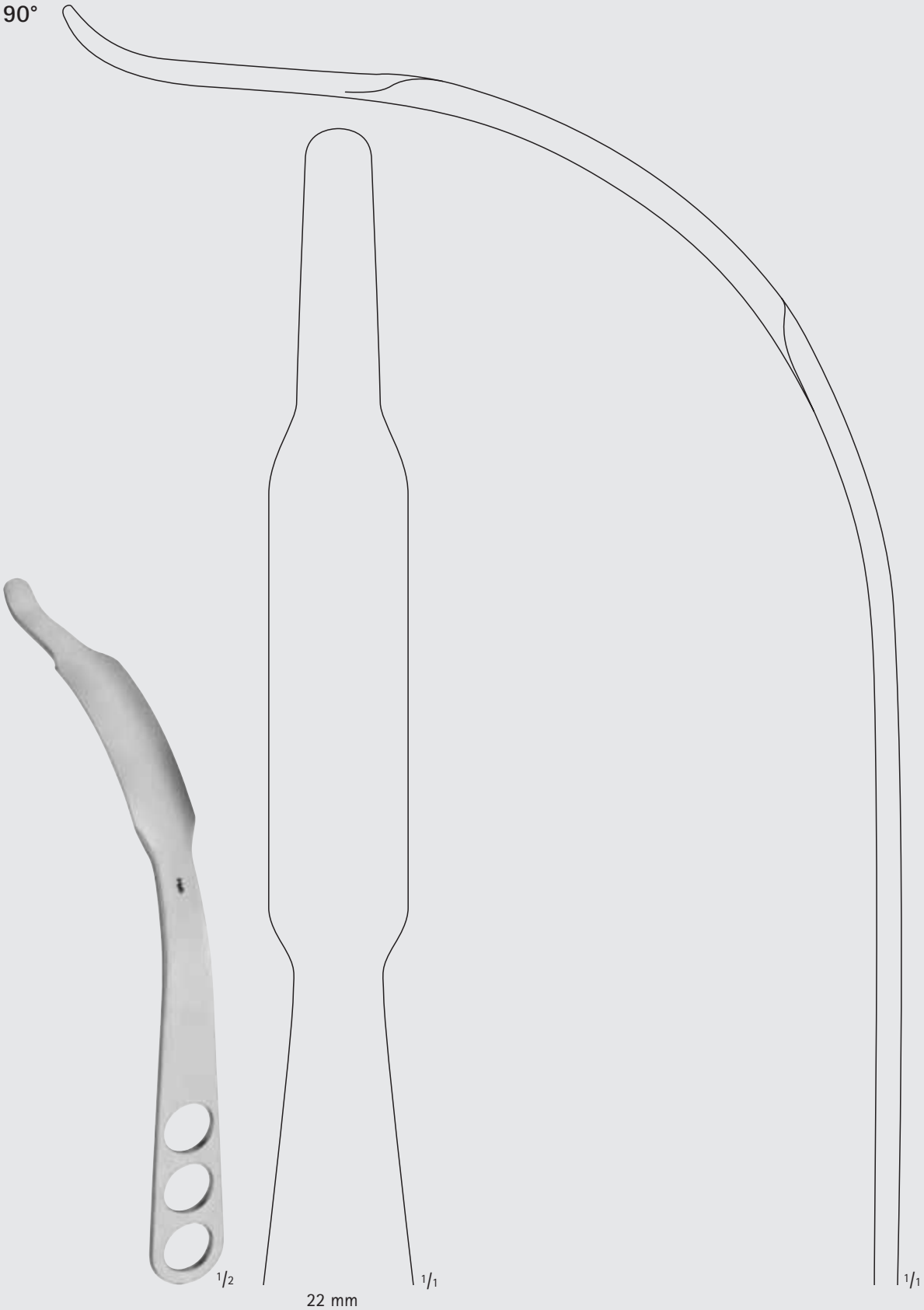


FK214R
22 mm

FK215R
28 mm

FK214R–FK215R
kurze Spitze
short tip
240 mm, 9 1/2"

90°



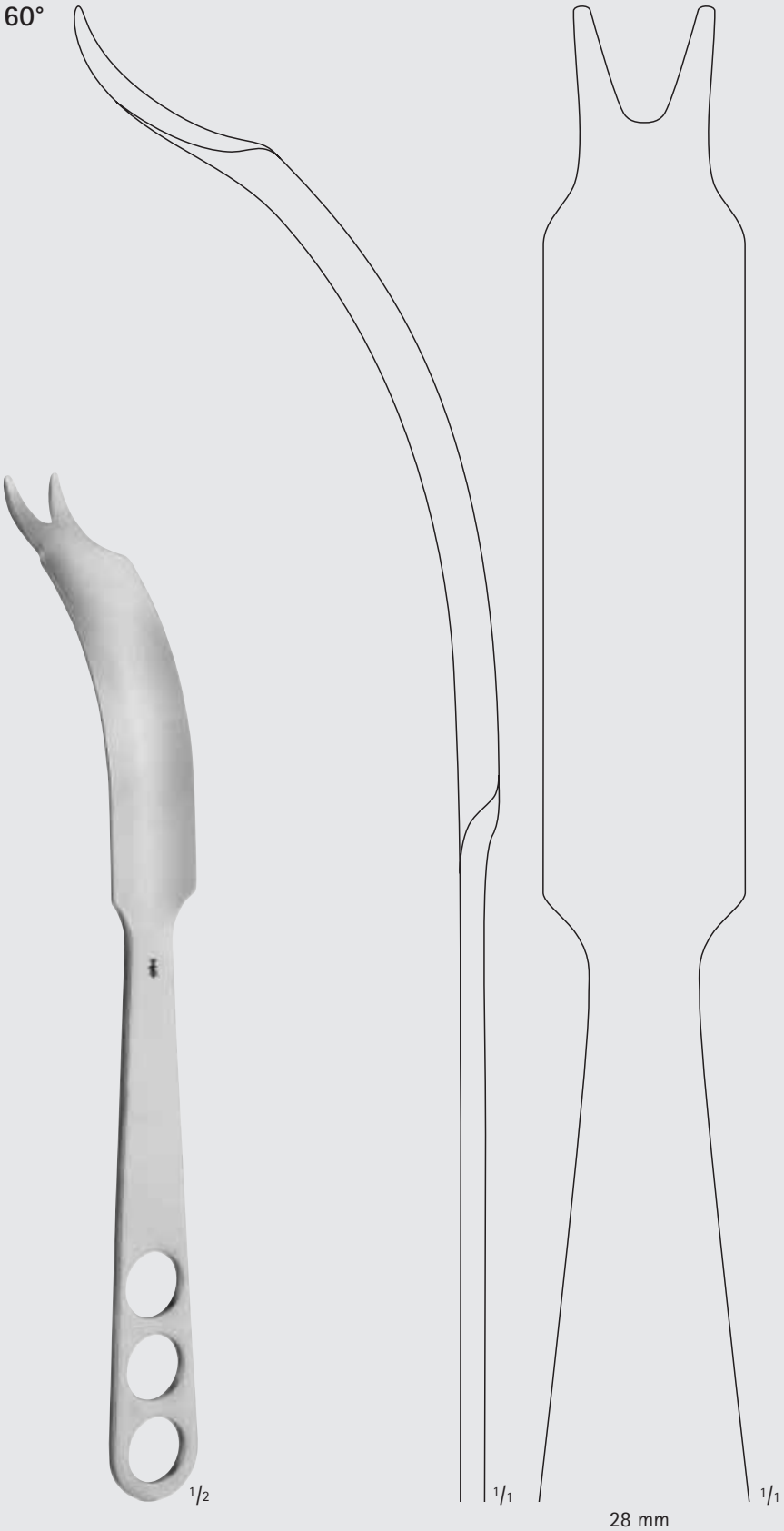
FK239R

Schenkelhals-Spitze

femoral neck tip

240 mm, 9 1/2"

FK



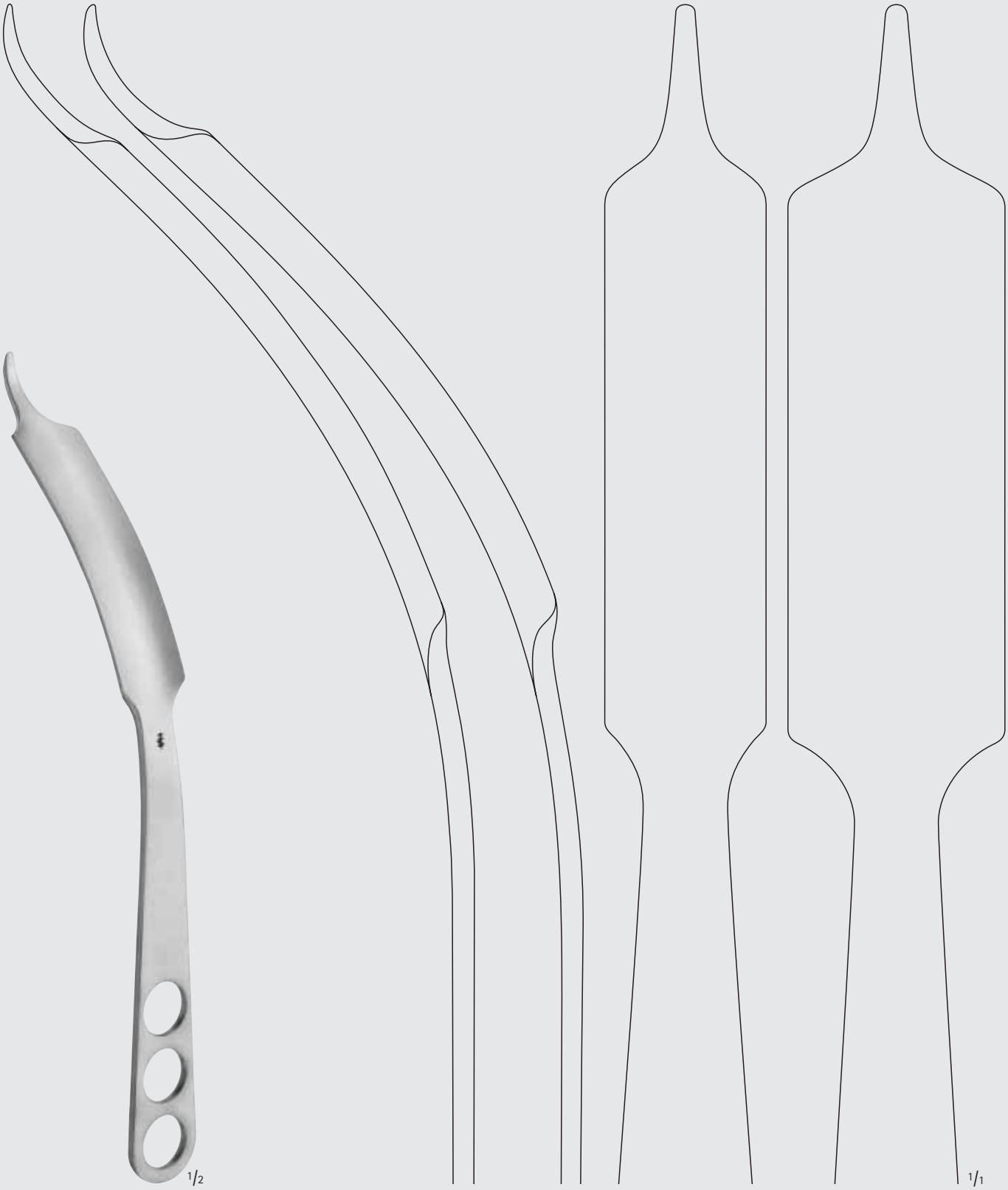
FK223R

V-Spitze

V-tip

300 mm, 12"

45°



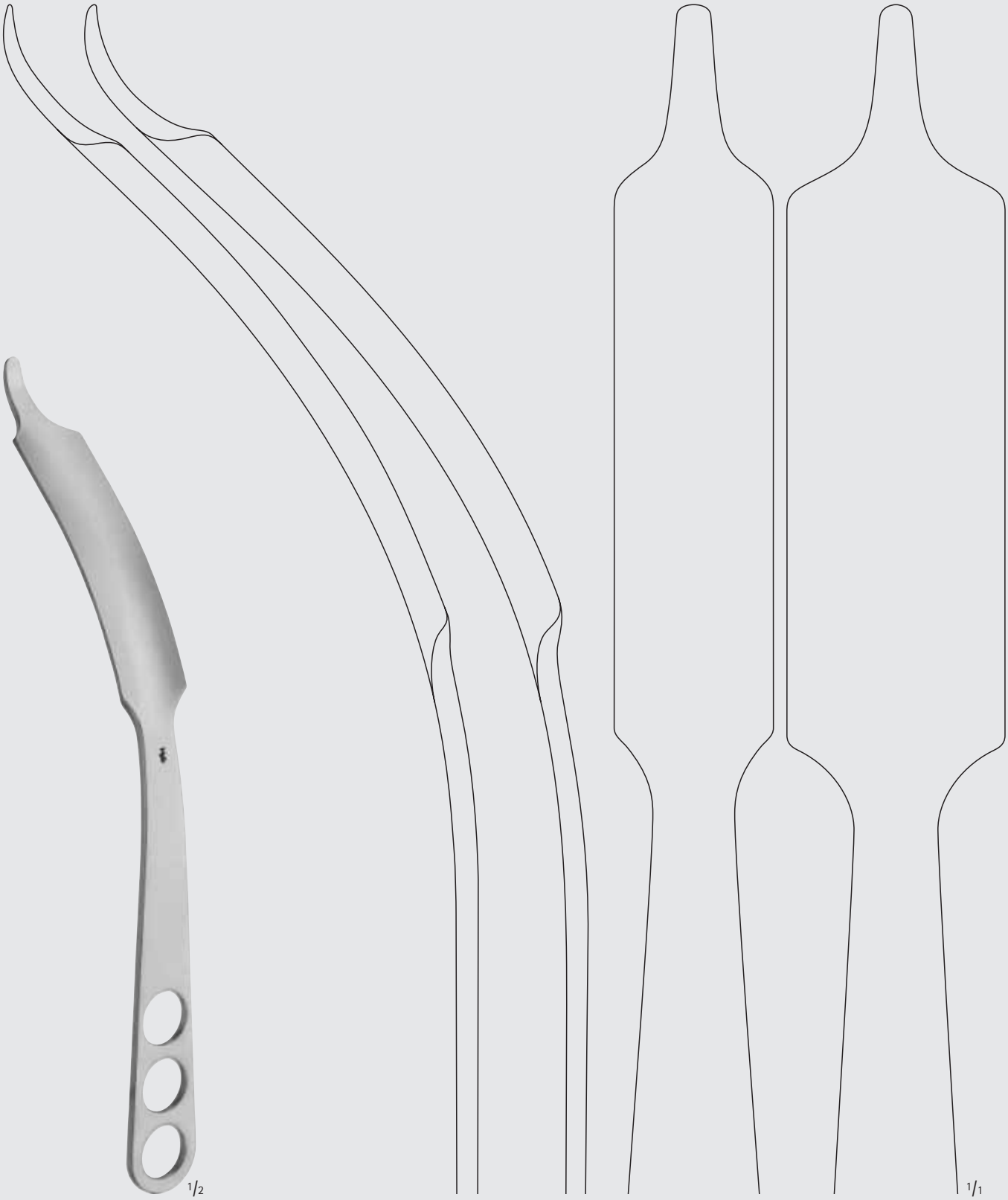
FK243R
28 mm

FK245R
40 mm

FK243R–FK245R
scharfe Spitze
sharp tip
300 mm, 12"

FK

45°



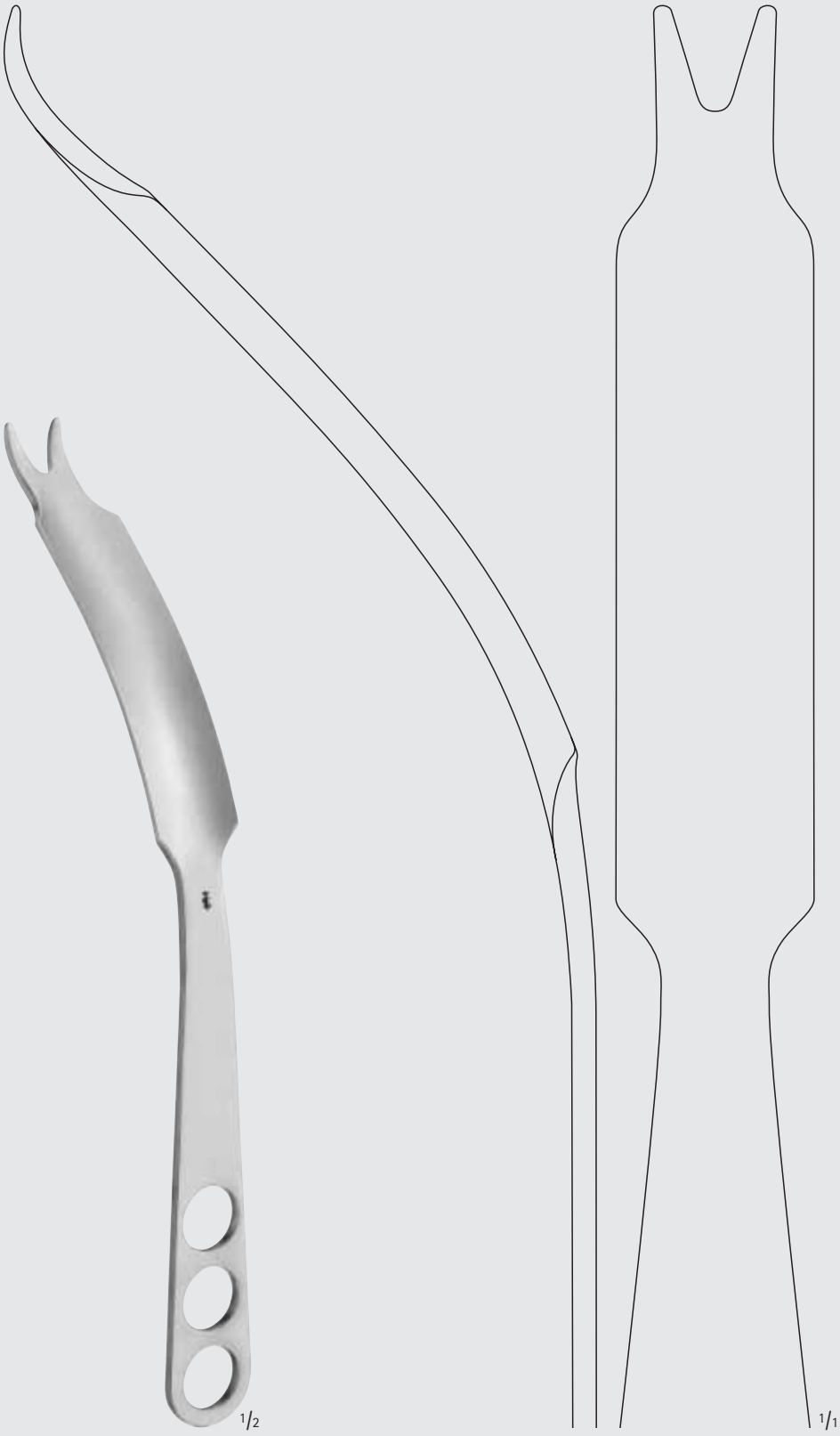
FK244R
28 mm

FK246R
40 mm

FK244R–FK246R
stumpfe Spitze
blunt tip
300 mm, 12"

INCHES

45°



FK222R

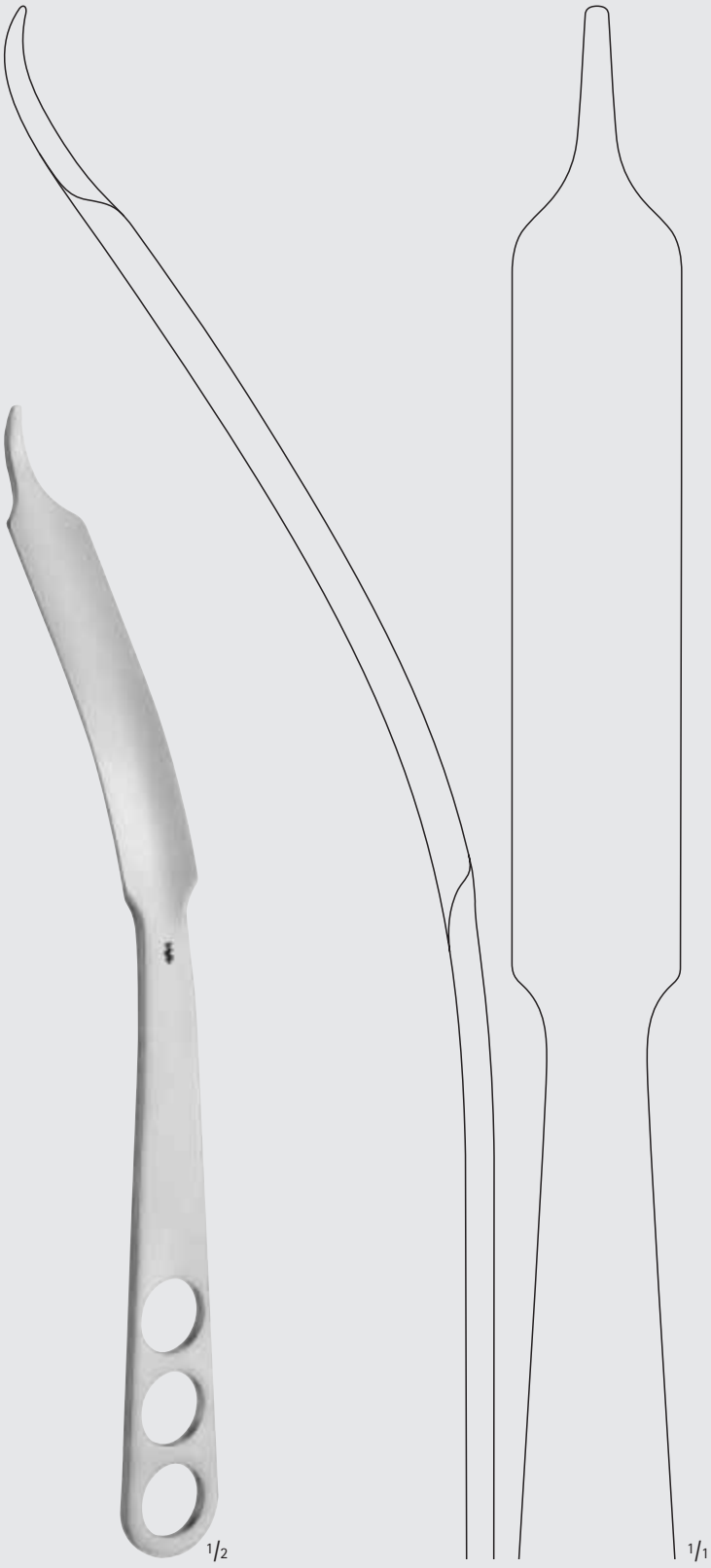
V-Spitze

V-tip

300 mm, 12"

FK

30°



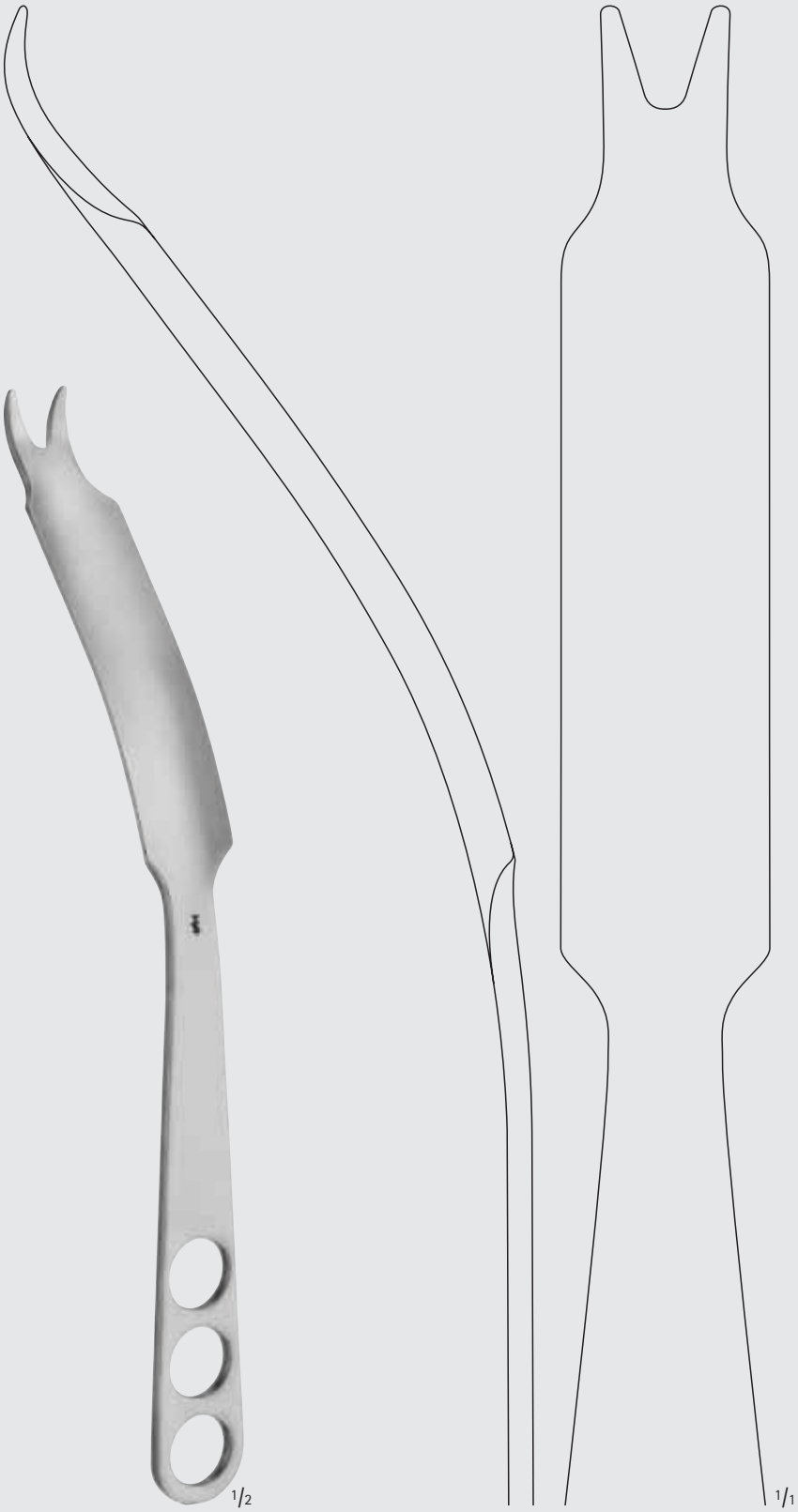
FK241R

scharfe Spitze

sharp tip

315 mm, 12 1/2"

30°



FK221R

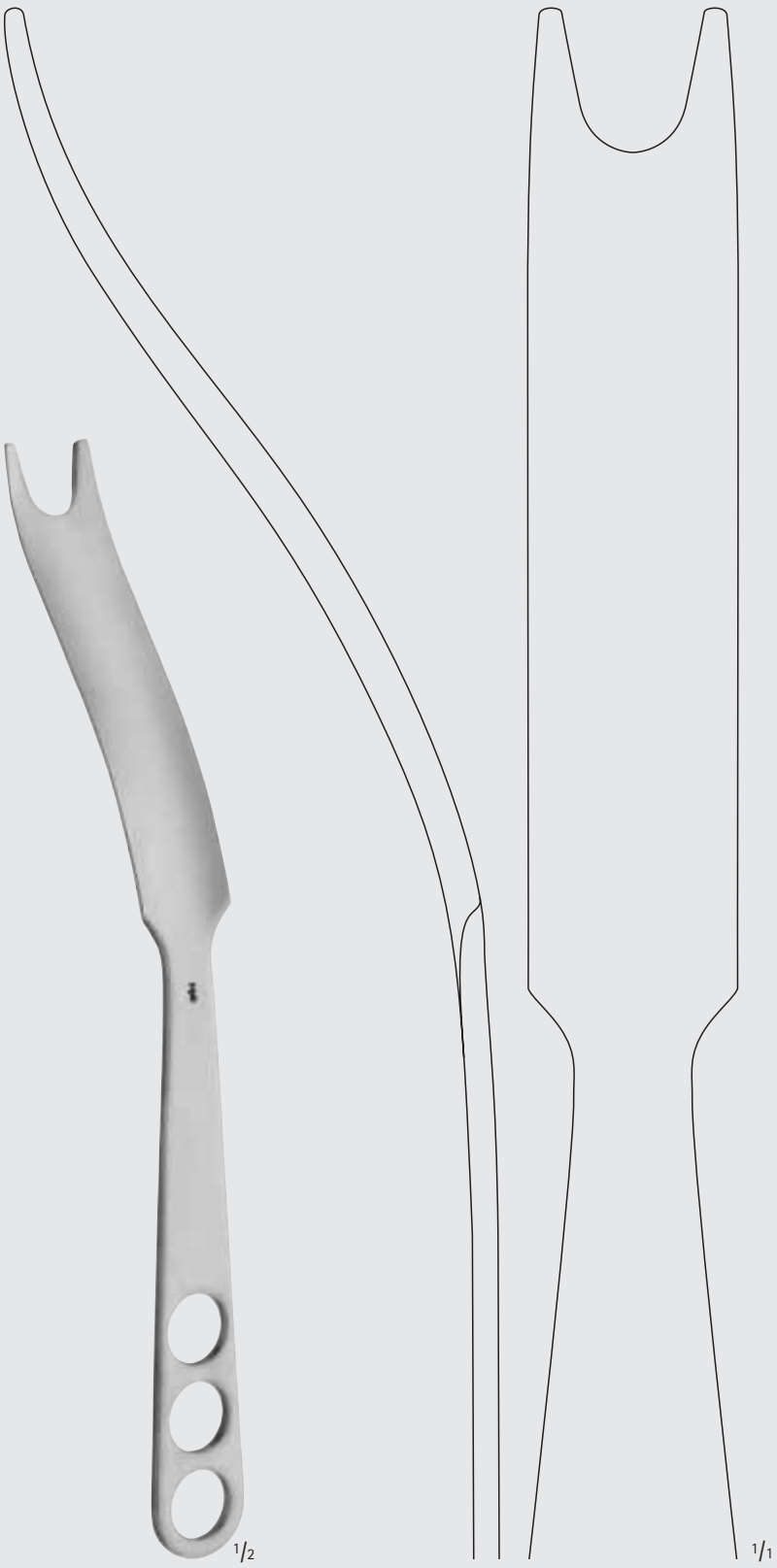
V-Spitze

V-tip

315 mm, 12 1/2"

FK

30°



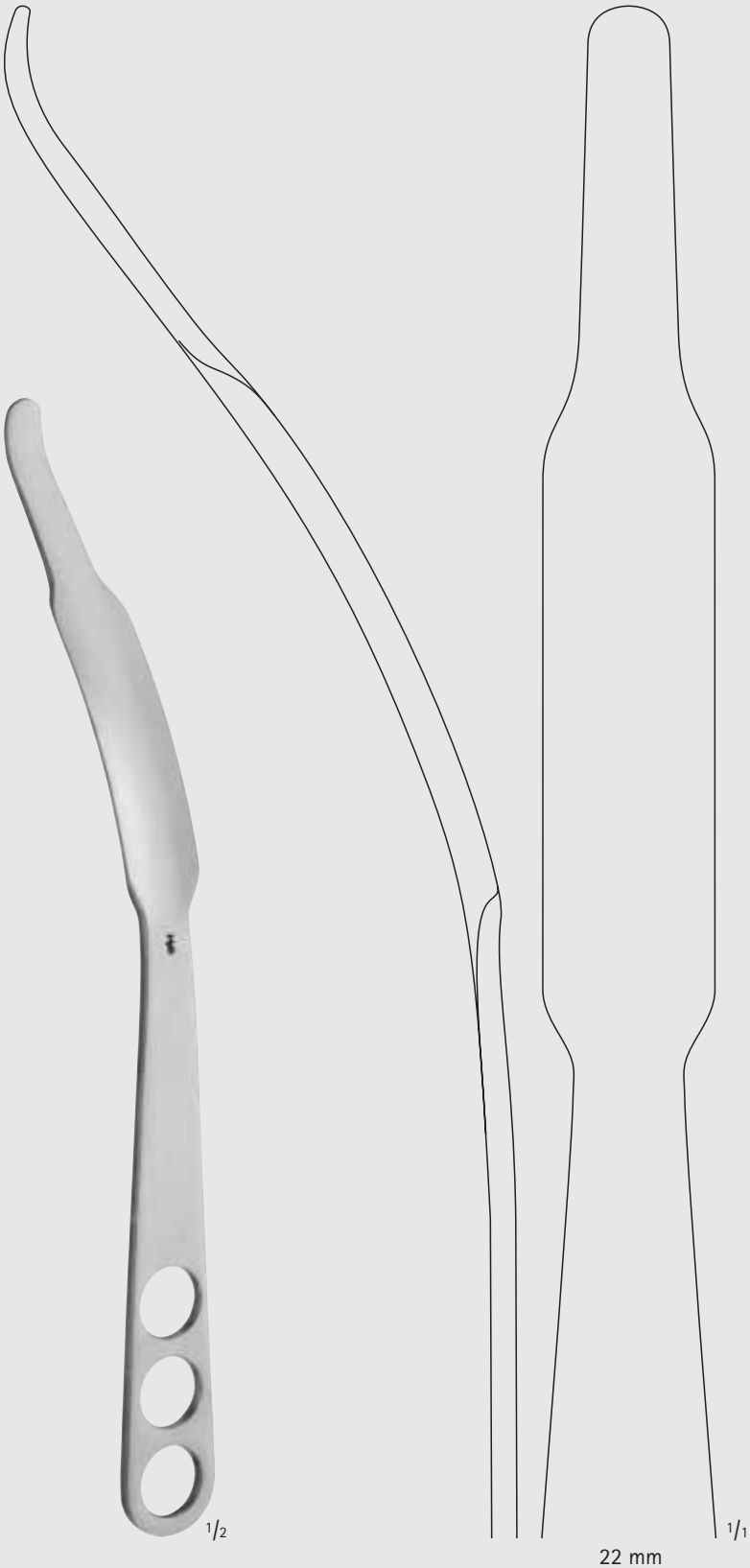
FK231R

U-Spitze

U-tip

315 mm, 12 1/2"

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.

FK251
MIOS Standardgriff
MIOS standard hand grip

FK252
MIOS Standardgriff
MIOS standard hand grip

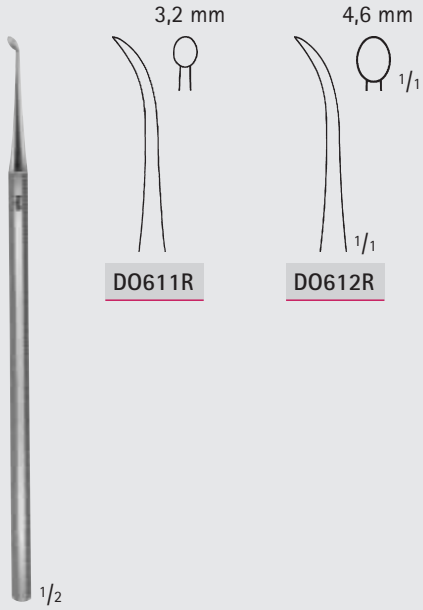
FK253
MIOS Standardgriff
MIOS standard hand grip

FK254
MIOS Standardgriff
MIOS standard hand grip

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

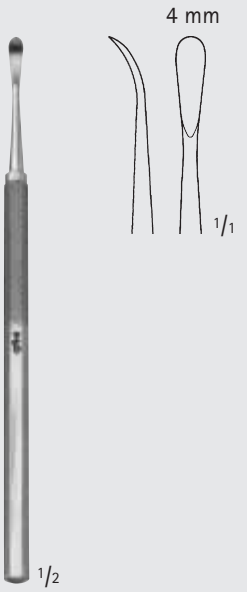
Raspatories



PARTSCH

DO611R–DO612R

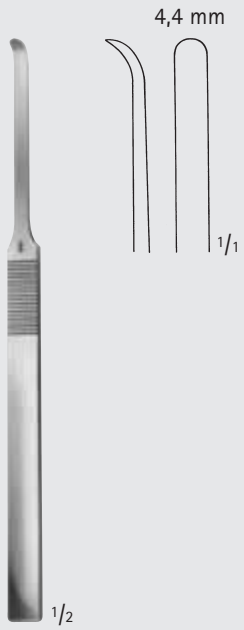
150 mm, 6"



PARTSCH MOD. LANGE

DO642R

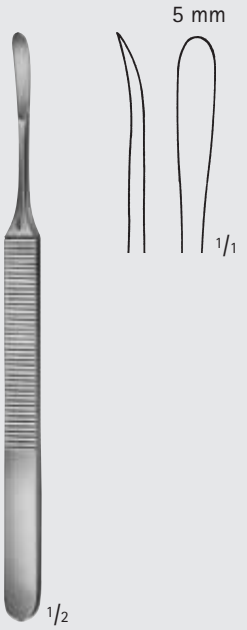
145 mm, 5 3/4"



MC KENTY

OL192R

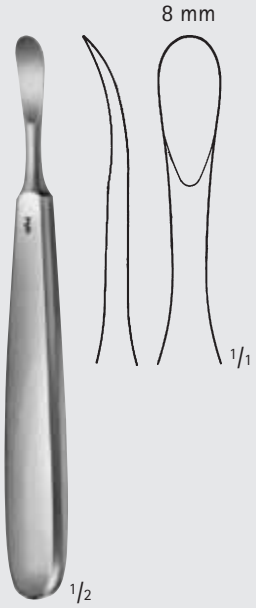
115 mm, 6"



KÖNIG

OM309R

155 mm, 6"



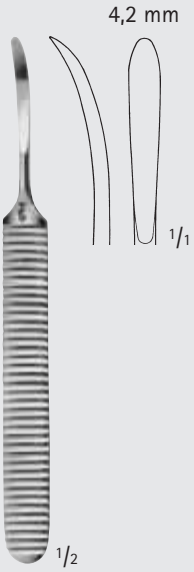
TRELAT

OM311R

150 mm, 6"

OM314R–OM315R

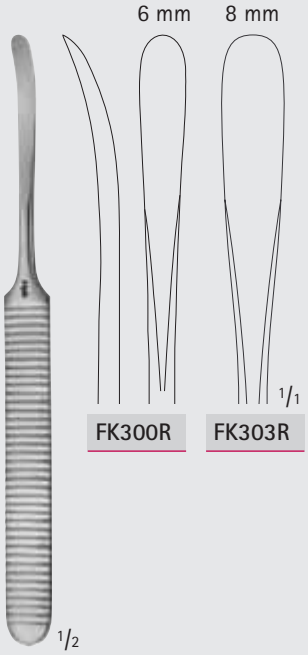
140 mm, 5 1/2"



WILLIGER

DO510R

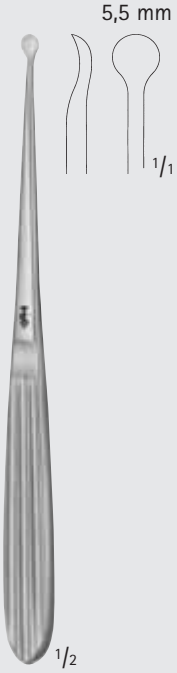
140 mm, 5 1/2"



WILLIGER

FK300R–FK303R

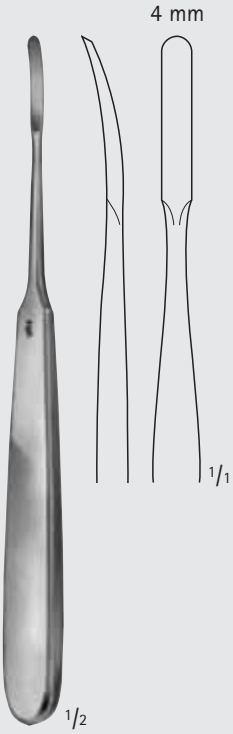
160 mm, 6 1/4"



WARD

DO546R

170 mm, 6 3/4"

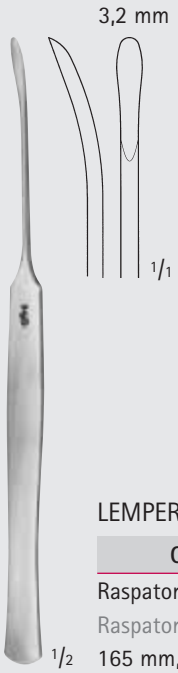


JOSEPH

FK310R

180 mm, 7"

FK



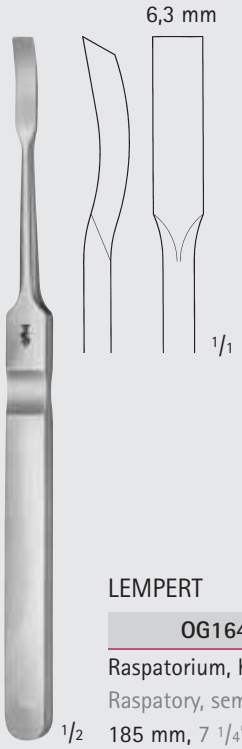
LEMPERT

OG165R

Raspatorium, stumpf

Raspatory, blunt

165 mm, 6 1/2"



LEMPERT

OG164R

Raspatorium, halbscharf

Raspatory, semi-sharp

185 mm, 7 1/4"

ALLEN

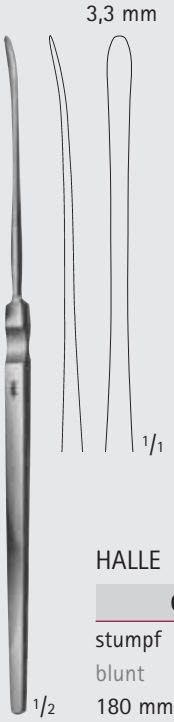
FF346R

Osteophytenmeißel und Schaber

Osteophyte chisel and scraper

230 mm, 9"

INCHES



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

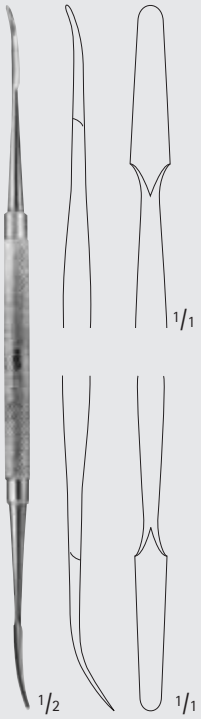
stumpf

blunt

200 mm, 8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien
Raspatories



KILLIAN

OL170R

scharf/stumpf

sharp/blunt

185 mm, 7 1/4"

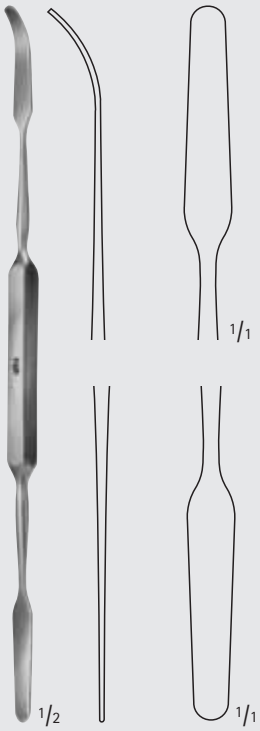
HOWARTH

OL171R

scharf/stumpf

sharp/blunt

215 mm, 8 1/2"



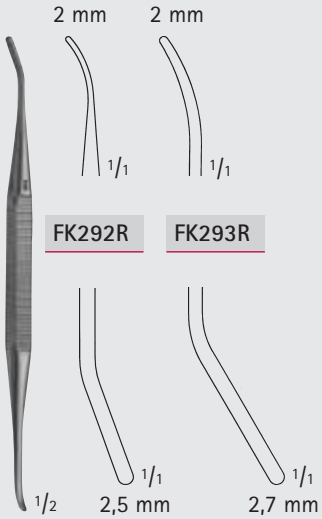
MAC DONALD

FK291R

stumpf/stumpf

blunt/blunt

190 mm, 7 1/2"



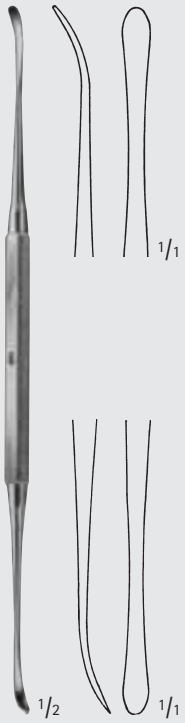
WATSON-CHEYNE

FK292R	130 mm	5 1/8"
FK293R	190 mm	7 1/2"

FREER

OL164R

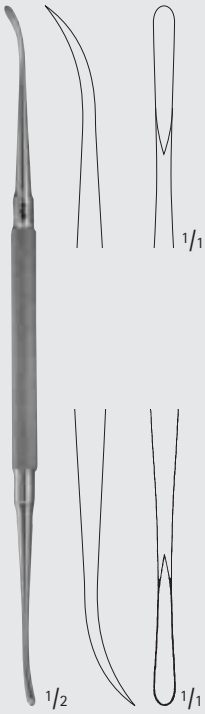
180 mm, 7"



FREER

OL165R

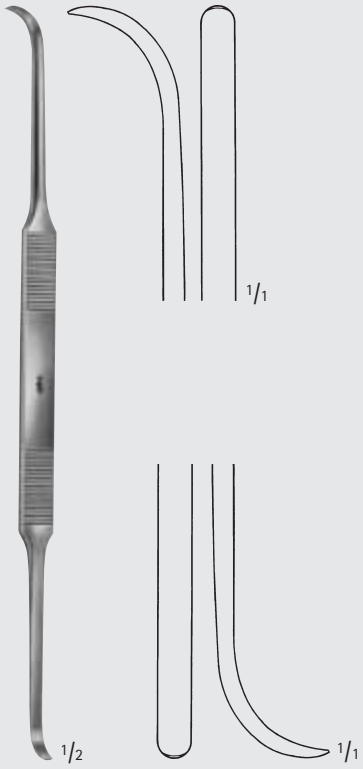
scharf/stumpf
sharp/blunt
185 mm, 7 1/4"



FREER-YASARGIL

OL166R

scharf/scharf
sharp/sharp
185 mm, 7 1/4"



COTTLE

OL155R

scharf/scharf
sharp/sharp
200 mm, 8"

stumpf
4 mm
blunt

halbscharf
5 mm
semi-sharp

HILL

OL179R

halbscharf/stumpf
semi-sharp/blunt
220 mm, 8 3/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

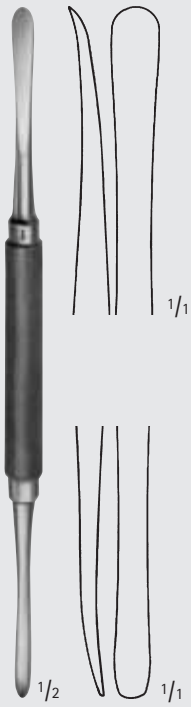
MEAD

DO520R

scharf/scharf

sharp/sharp

165 mm, 6 1/4"



MOLT

DO543R

scharf/scharf

sharp/sharp

180 mm, 7"

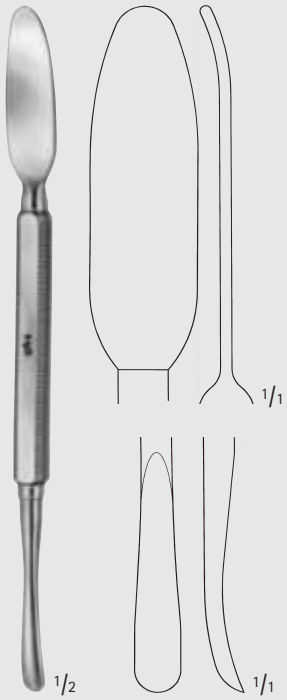
SYME 4 mm

DO547R

scharf

sharp

185 mm, 7 1/4"



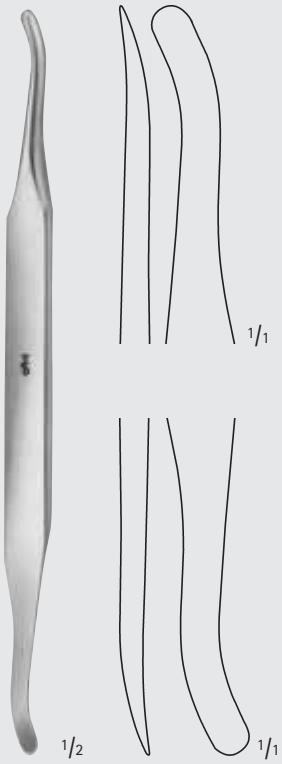
ROBERTS

DO548R

stumpf

blunt

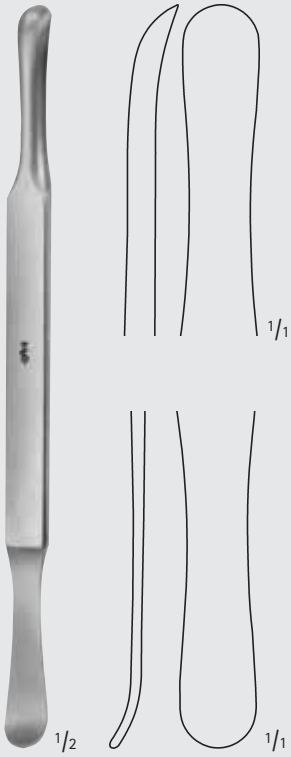
185 mm, 7 1/4"



SELDIN

DO552R

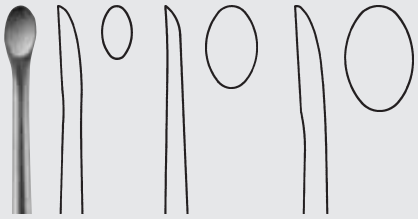
195 mm, 7 3/4"



SELDIN

DO553R

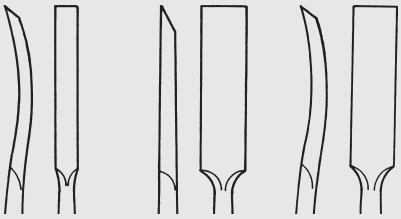
195 mm, 7 3/4"



FK530R
4 mm

FK532R
7 mm

FK534R
9 mm



FK541R
3 mm

FK542R
6 mm

FK543R
6 mm

FK552R
8 mm

1/1

FK562R
6 mm
90°

1/2

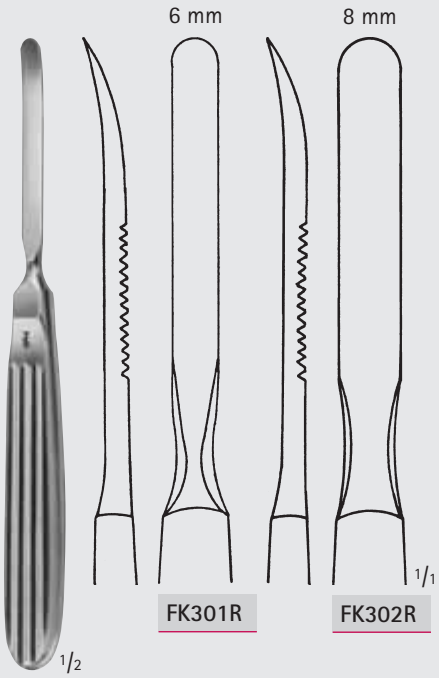
MANNERFELT, MODIF.

FK530R–FK562R
155 mm, 6"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

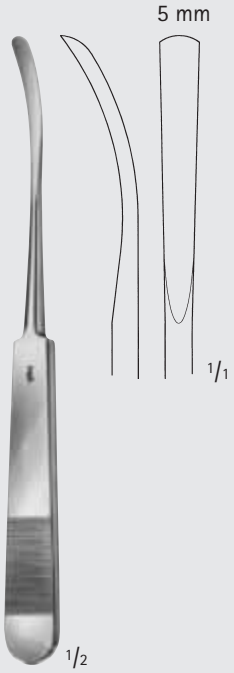
Raspatories



FK301R FK302R

FK301R–FK302R

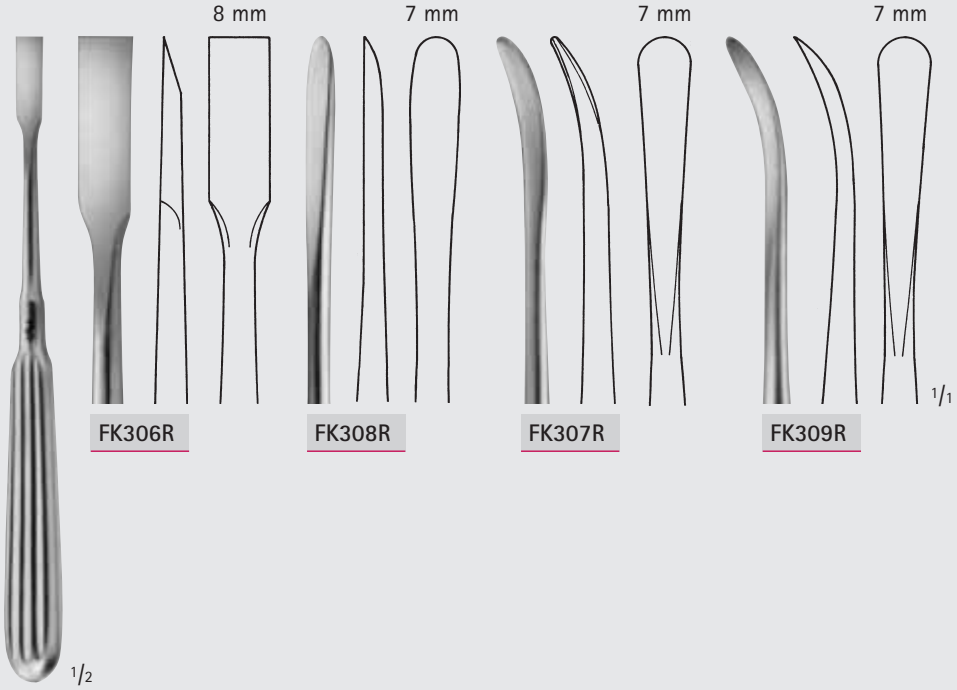
165 mm, 6 1/2"



ADSON

FK299R

165 mm, 6 1/2"

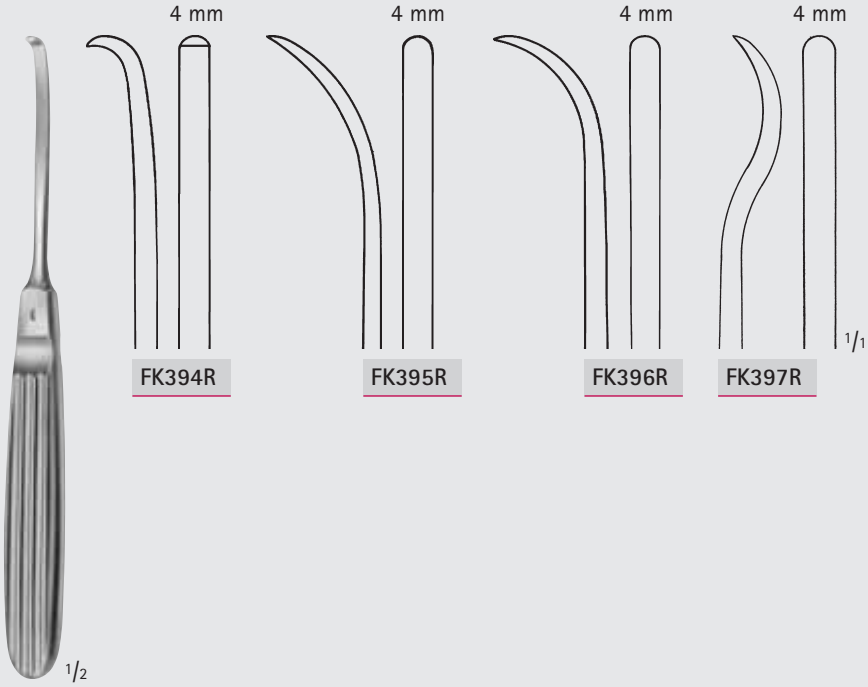


FK306R FK308R FK307R FK309R

ADSON

FK306R–FK309R

170 mm, 6 3/4"

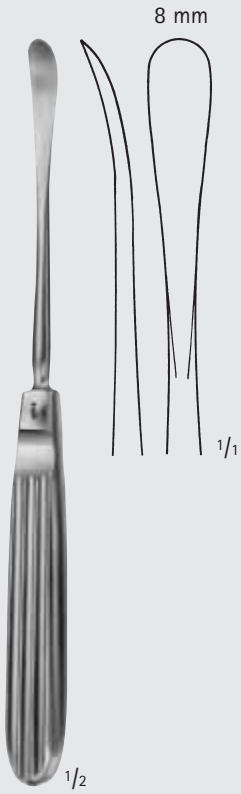


FK394R FK395R FK396R FK397R

MÜHLING

FK394R–FK397R

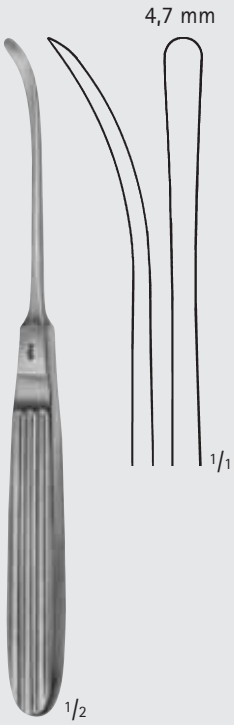
170 mm, 6 3/4"



COTTLE

OL157R

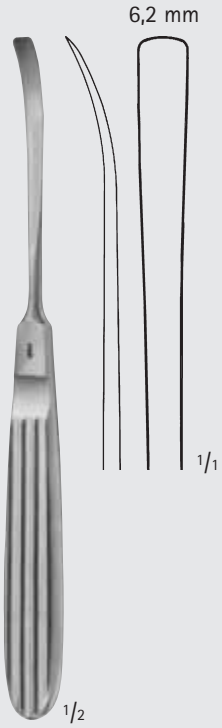
195 mm, 7 3/4"



LANDOLT

FK314R

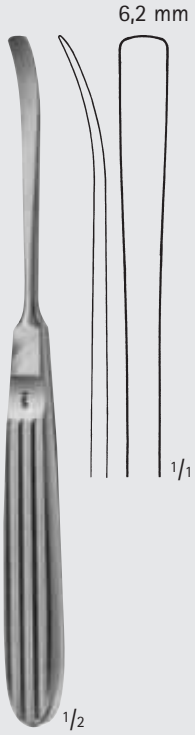
175 mm, 7"



CASPAR

FK328R

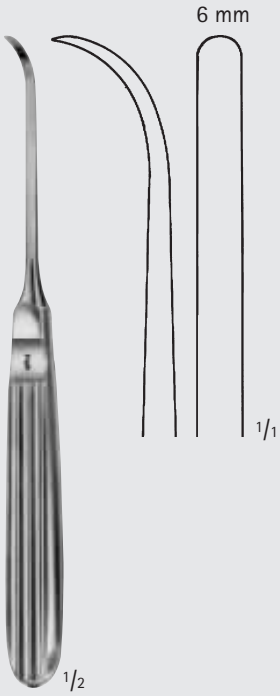
180 mm, 7"



CASPAR

FK329R

180 mm, 7"



DO523R

170 mm, 6 3/4"

Knochenhebel, 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)

FK318R

190 mm, 7 1/2"

FK317R

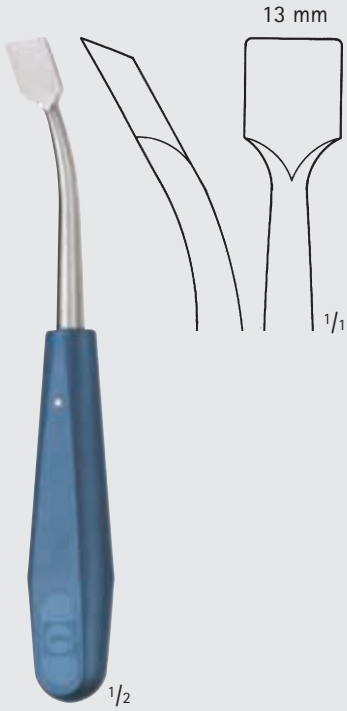
185 mm, 7 1/4"

FK319R

190 mm, 7 1/2"

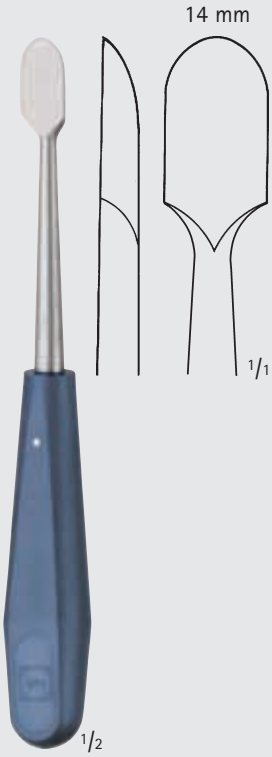
FK321R

190 mm, 7 1/2"



FK323R

175 mm, 7"

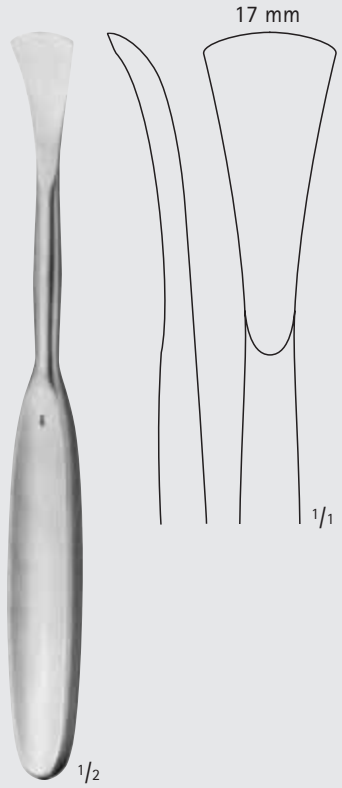


FK324R

190 mm, 7 1/2"

FK325R

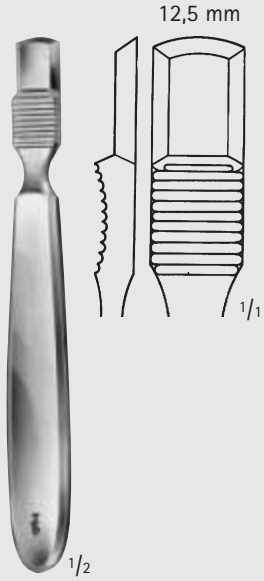
180 mm, 7"



LANGENBECK

MB279R

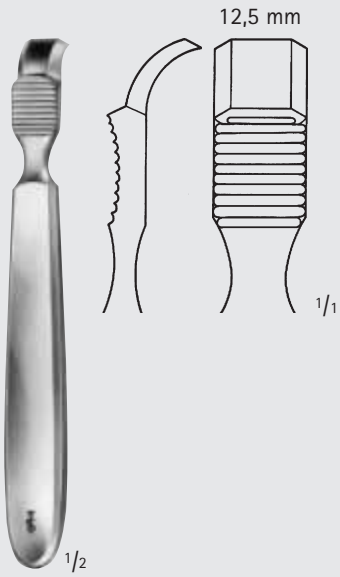
190 mm, 7 1/2"



FARABEUF

FK340R

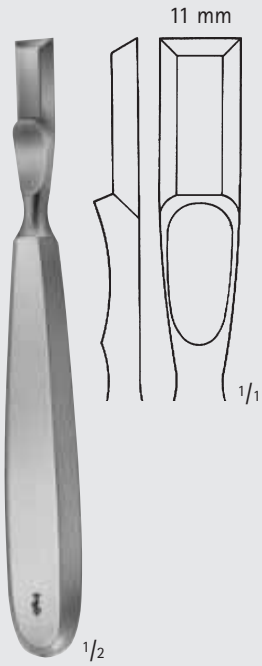
140 mm, 5 1/2"



FARABEUF

FK341R

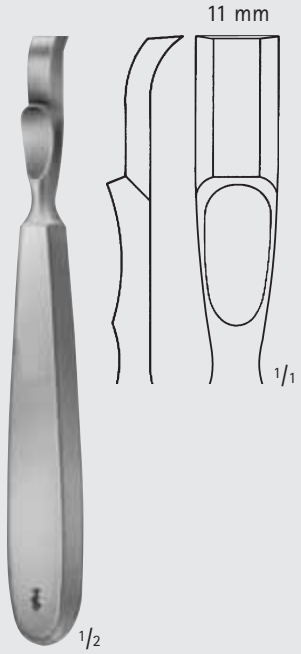
140 mm, 5 1/2"



FARABEUF-COLLIN

FK344R

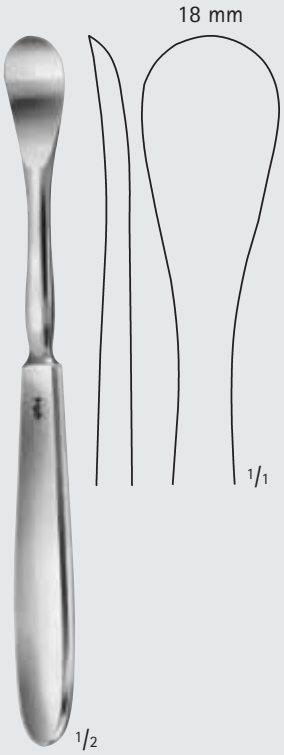
160 mm, 6 1/4"



FARABEUF-COLLIN

FK345R

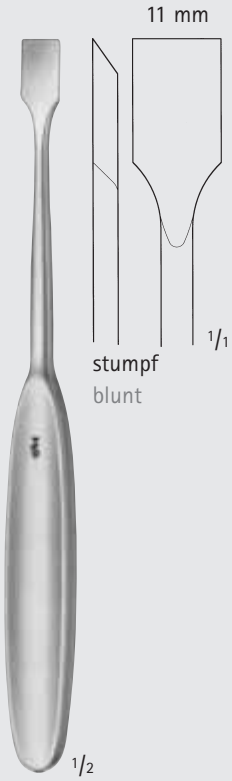
160 mm, 6 1/4"



SEDILLOT

FK350R

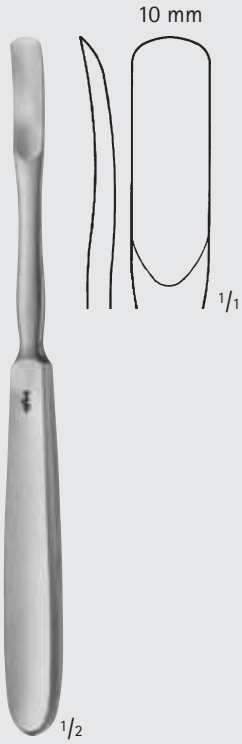
185 mm, 7 1/4"



MC KISSOCK

FK379R

195 mm, 7 3/4"



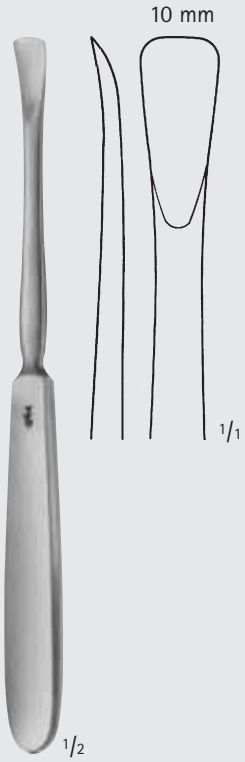
KRÄMER

FK390R

185 mm, 7 1/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

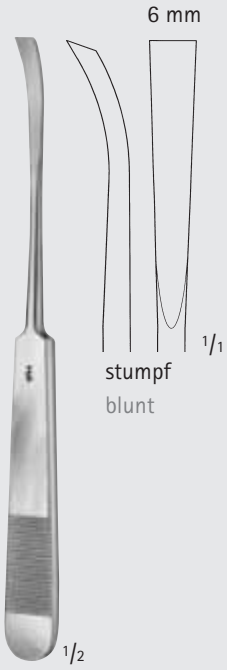
Raspatorien
Raspatories



KRÄMER

FK391R

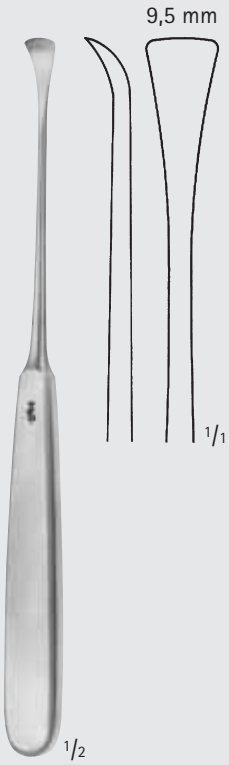
190 mm, 7 1/2"



PENNYBAKER

FK378R

165 mm, 6 1/2"



BÜCHS

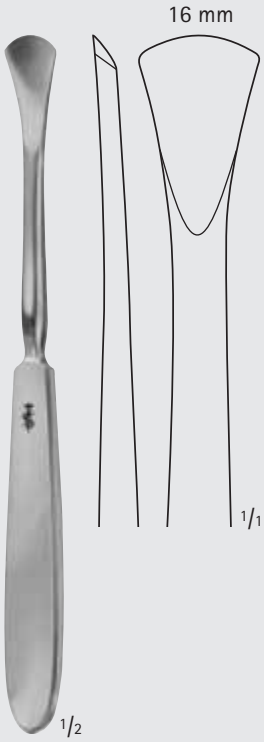
DO518R

190 mm, 7 1/2"

JANSEN

FK362R

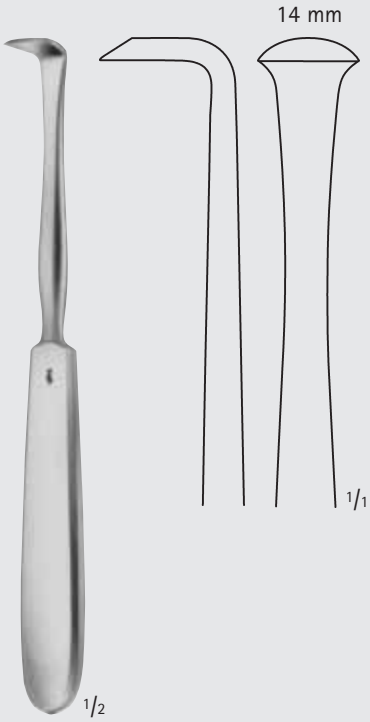
165 mm, 6 1/2"



LANGENBECK

FK360R

190 mm, 7 1/2"



LANGENBECK

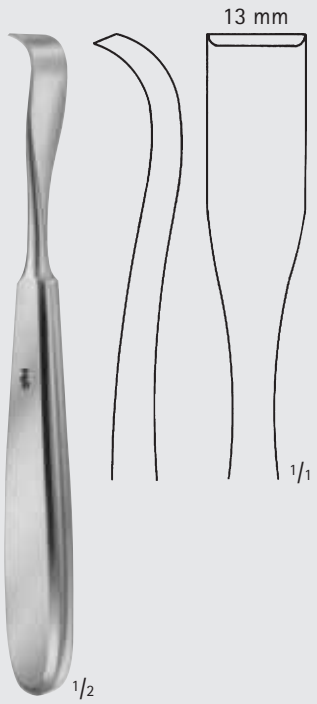
FK361R

180 mm, 7"

KEY

FK410R–FK414R

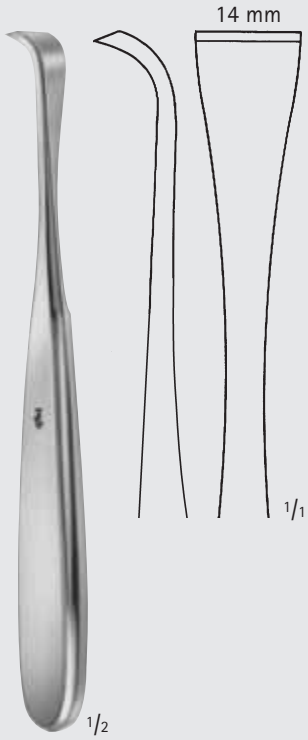
	Breite Width	Länge Length	
FK410R	6 mm	180 mm	7"
FK411R	10 mm	190 mm	7 1/2"
FK412R	13 mm	190 mm	7 1/2"
FK413R	19 mm	200 mm	8"
FK414R	25 mm	210 mm	8 1/4"



SCHNEIDER

FK365R

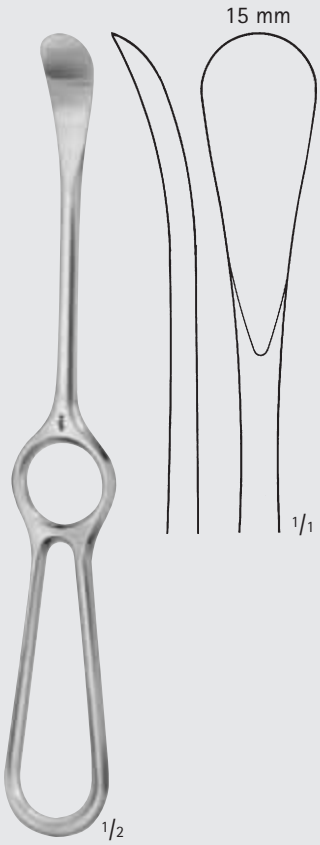
175 mm, 7"



SCHNEIDER-SAUERBRUCH

FK366R

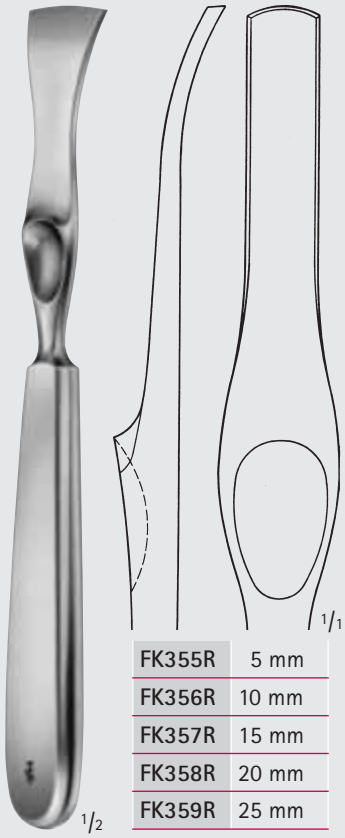
190 mm, 7 1/2"



SEDILLOT

FK351R

215 mm, 8 1/2"



FK355R	5 mm
FK356R	10 mm
FK357R	15 mm
FK358R	20 mm
FK359R	25 mm

LAMBOTTE

FK355R–FK359R

215 mm, 8 1/2"

MITCHELLS

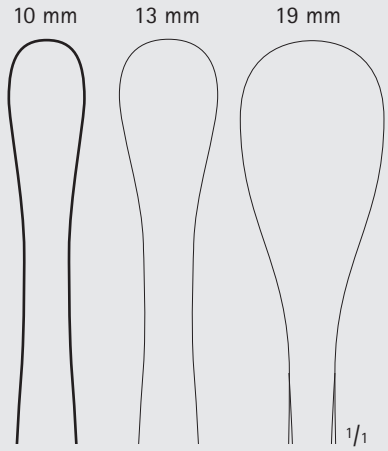
FK336R

210 mm, 8 1/4"

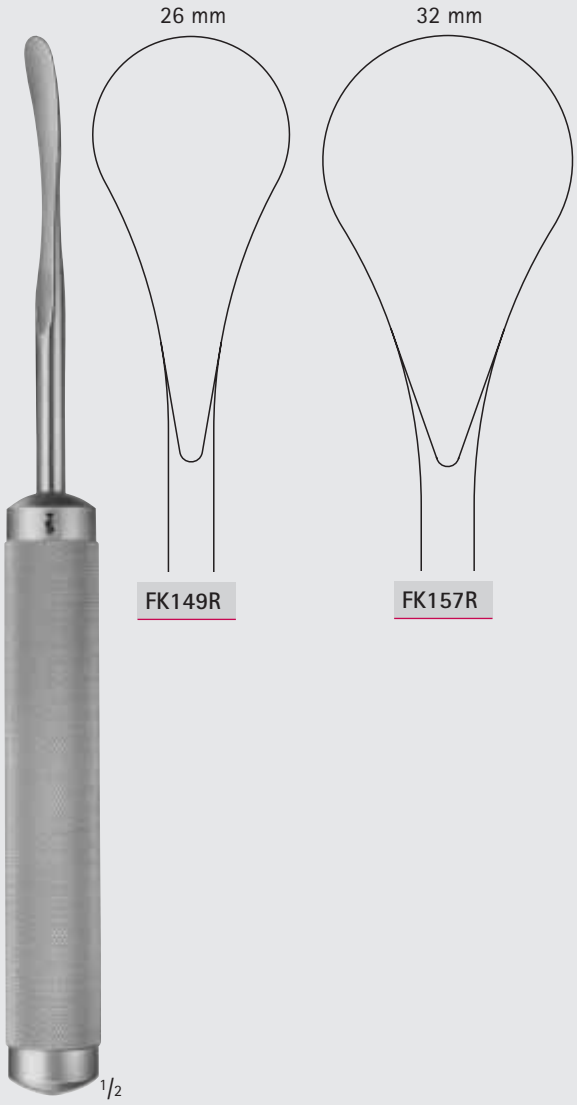
Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories



FK146R FK147R FK148R

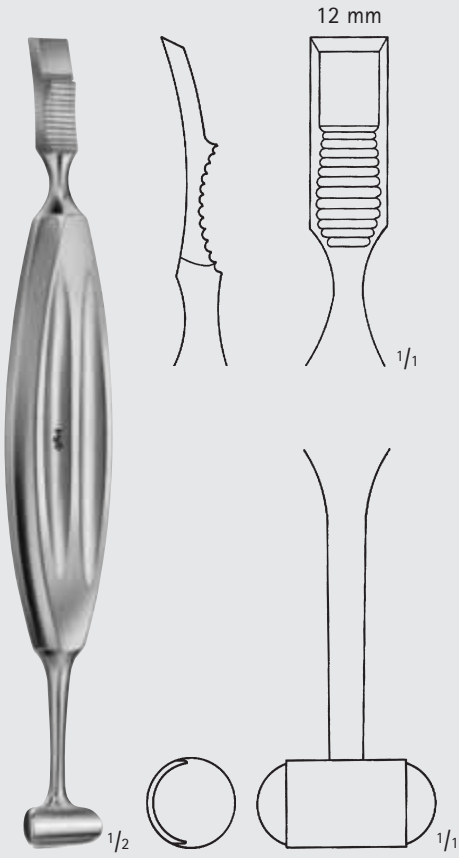


FK149R FK157R

COBB

FK146R–FK157R

280 mm, 11"



ALEXANDER

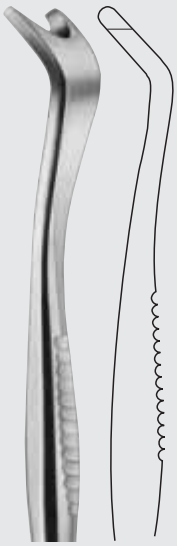
FK420R

210 mm, 8 1/4"

SEMB

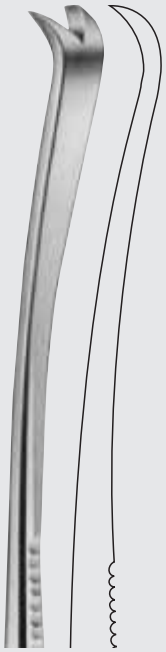
FK381R–FK387R

12 mm



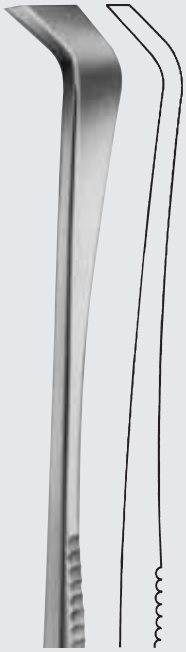
FK381R
190 mm
7 1/2"

12 mm



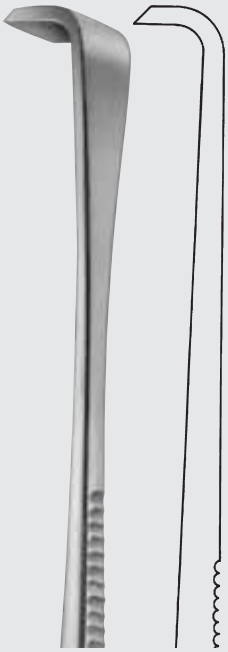
FK382R
230 mm
9"

13 mm



FK383R
230 mm
9"

13 mm



FK384R
230 mm
9"

15 mm

1/1

FK387R
230 mm
9"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Raspatorien

Raspatories

DOYEN

FK400R–FK401R

für Kinder

for children

175 mm, 7"

DOYEN

FK402R–FK403R

für Erwachsene

for adults

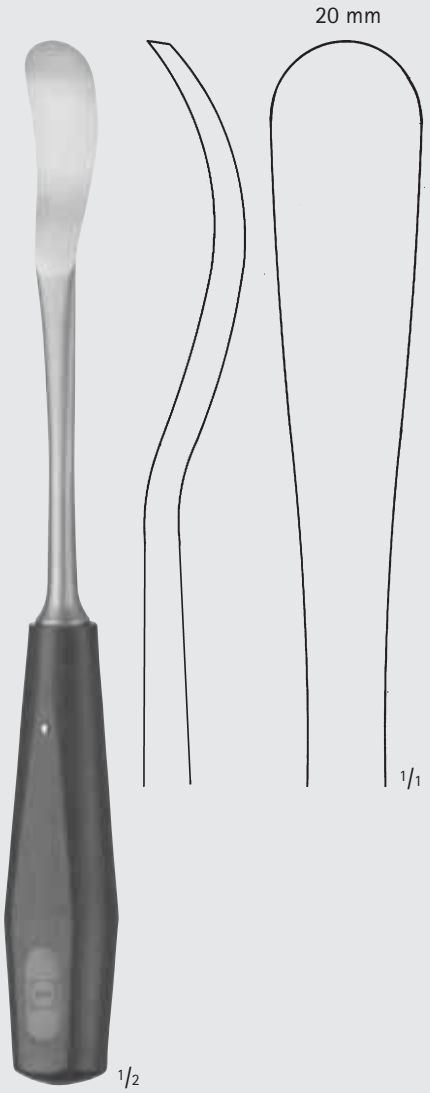
175 mm, 7"

DOYEN

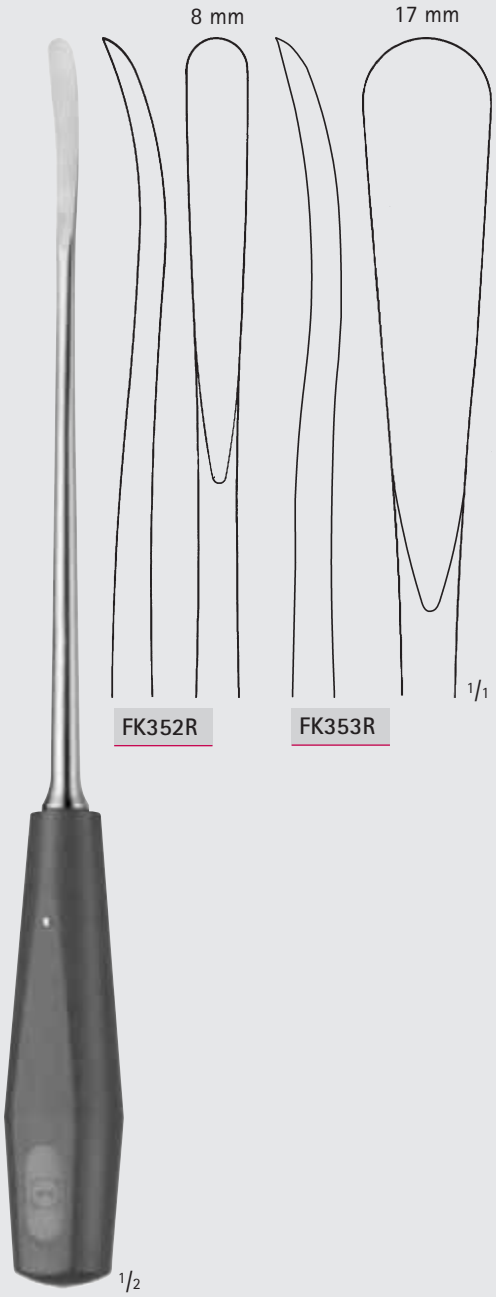
FK408R–FK409R

240 mm, 9 1/2"

Dampfsterilisierbar bis 143°C
Can be sterilized in a steam sterilizer up to 143°C (3 bar)



FK348R
275 mm, 10 3/4"



FK352R FK353R

WAGNER

FK352R–FK353R
330 mm, 13"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln

Bone Files and Rasps

OL401R
kariert, fein
fine, chequered

OL403R
kariert, grob
coarse, chequered

JOSEPH
OL401R–OL403R
165 mm, 6 1/2"

OL408R
feine Zahnung
fine teeth

OL409R
grobe Zahnung
coarse teeth

LEWIS
OL408R–OL409R
175 mm, 7"

MALTZ
OL407R
auf Zug
down stroke
180 mm, 7"

OL410R
auf Druck
up stroke

OL411R
auf Zug
down stroke

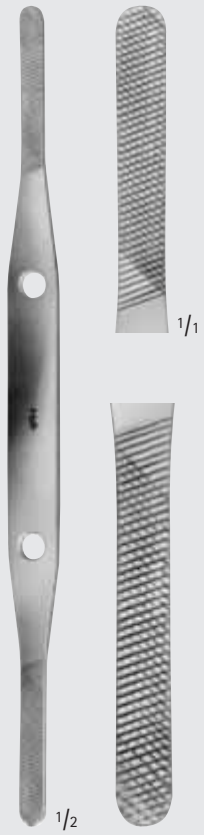
AUFRICHT
OL410R–OL411R
220 mm, 8 3/4"

GALLAHER
OL412R
190 mm, 7 1/2"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln, DUROGRIP® Raspeln

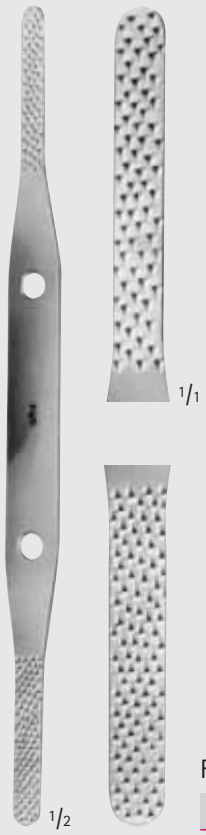
Bone Files and Rasps, DUROGRIP® Rasps



FOMON

OL405R

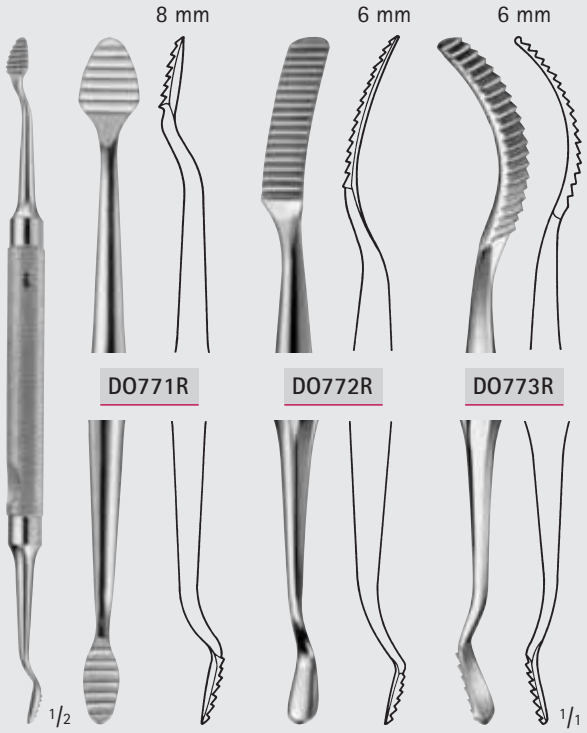
7,5 mm 215 mm, 8 1/2"



FOMON

OL406R

7,5 mm 215 mm, 8 1/2"

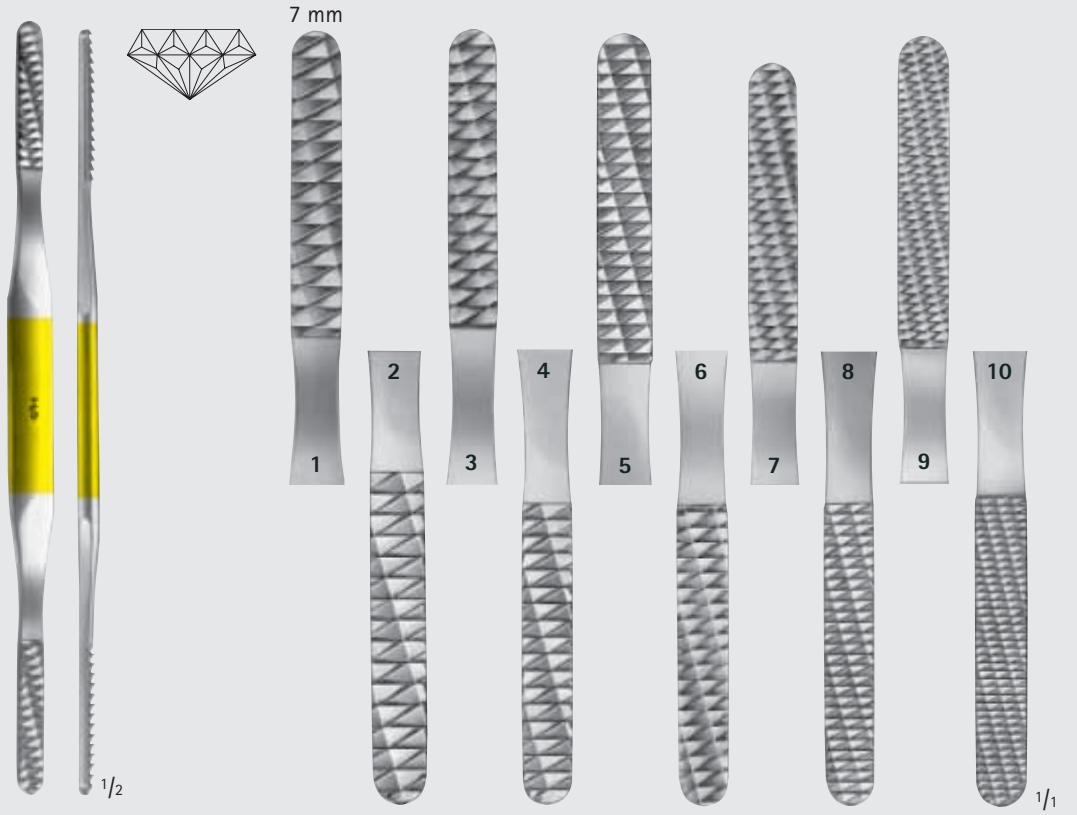


MILLER

5 mm 4,3 mm 5 mm

DO771R–DO773R

180 mm, 7"



OL421R–OL429R

205 mm, 8"

	OL421R	OL423R	OL425R	OL427R	OL429R
Zähne / Teeth	12/14	16/20	24/30	36/44	52/62

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Knochen-Feilen und -Raspeln

Bone Files and Rasps

20 mm

eine Seite Feilenhieb, andere Seite Raspelhieb

one side file cut one side rasp cut

FK507R

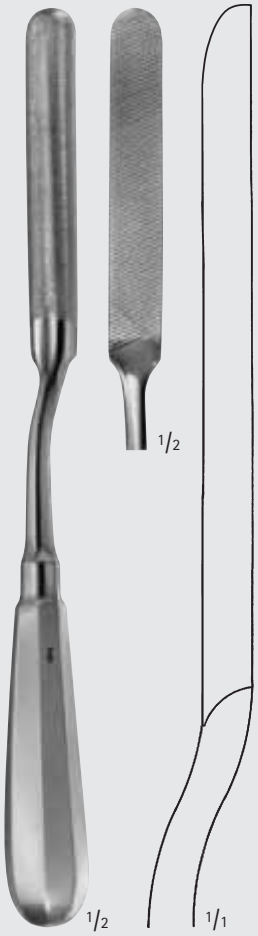
220 mm, 8 3/4"

20 mm

FK510R

295 mm, 11 3/4"

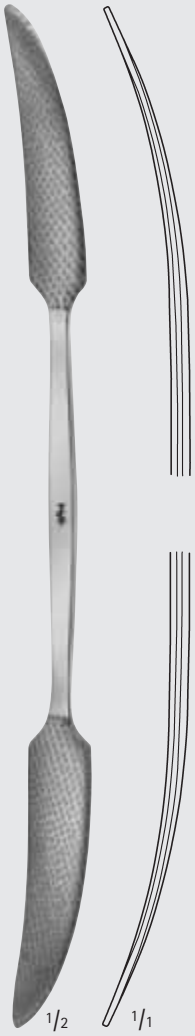
13 mm



FK511R

240 mm, 9 1/2"

18 mm

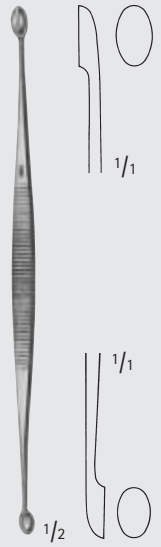


20 mm

PUTTI

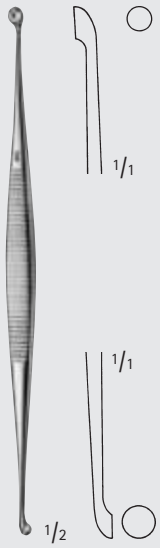
FK505R

270 mm, 10 3/4"



JACOBSON
FK813R
140 mm, 5 1/2"

MARTINI
FK800R
140 mm, 5 1/2"



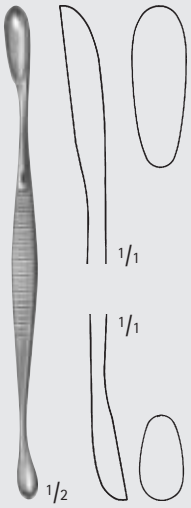
MARTINI
FK801R
140 mm, 5 1/2"

WILLIGER
FK814R
145 mm, 5 3/4"

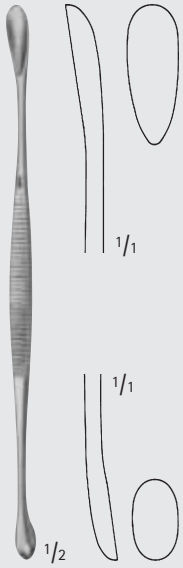
JANSEN
FK803R
160 mm, 6 1/4"

BARTH
FK817R
180 mm, 7"

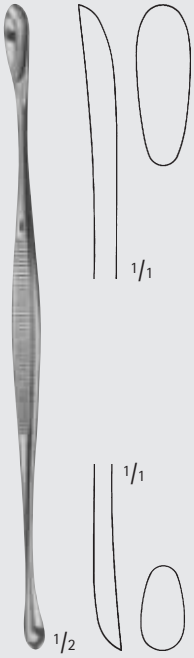
FK850R
210 mm, 8 1/4"



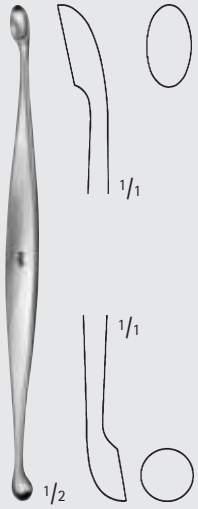
VOLKMANN
FK840R
130 mm, 5 1/8"



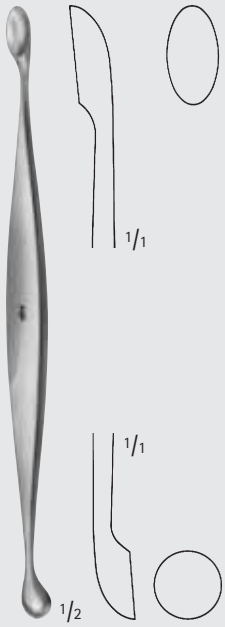
VOLKMANN
FK841R
145 mm, 5 3/4"



VOLKMANN
FK842R
170 mm, 6 3/4"



FK845R
130 mm, 5 1/8"

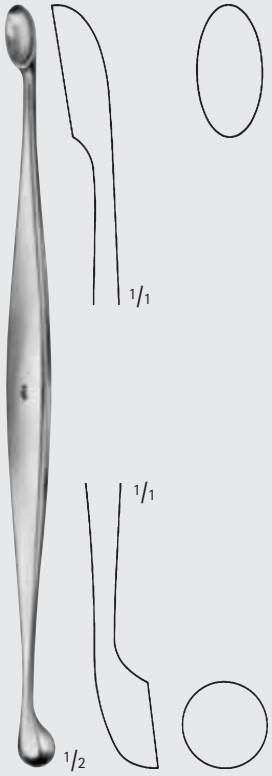


FK846R
160 mm, 6 1/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes



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"

DO630R

DO632R

KERPEL

DO630R–DO632R

145 mm, 5 3/4"

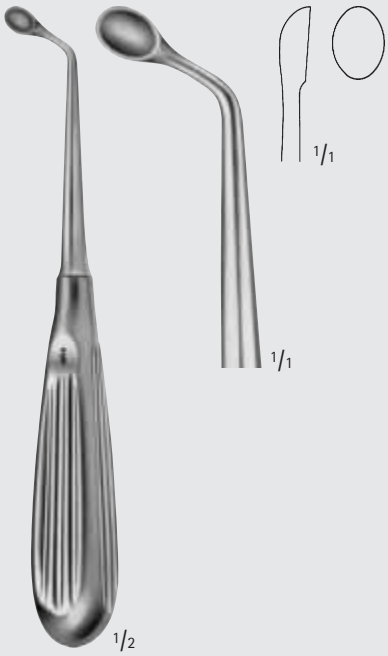
DO631R

DO633R

KERPEL

DO631R–DO633R

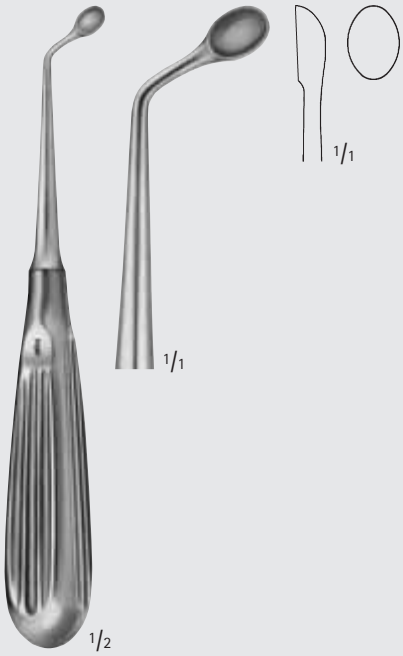
145 mm, 5 3/4"



UFFENORDE

FK660R

170 mm, 6 3/4"



UFFENORDE

FK661R

170 mm, 6 3/4"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

1/2

3 mm — Fig. 000 — FK611R

4 mm — Fig. 00 — FK612R

5 mm — Fig. 0 — FK613R

6 mm — Fig. 1 — FK614R

8 mm — Fig. 2 — FK615R

10 mm — Fig. 3 — FK616R

12 mm — Fig. 4 — FK617R

1/1

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"

1/2

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

VOLKMANN

FK630R–FK639R

170 mm, 6 3/4"

1/2

3,4 mm — Fig. 00 — FK658R

5,2 mm — Fig. 1 — FK659R

1/1

WILLIGER

FK658R–FK659R

170 mm, 6 3/4"

1,8 mm
FK675R

2,0 mm
FK676R

2,4 mm
FK677R

2,6 mm
FK678R

2,8 mm
1/1
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
1/1
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
1/1
Fig. 0
FK665R

1/2

DAUBENSPECK

FK662R–FK665R

200 mm, 8"

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

3,6 mm

Fig. 000

FK702R

4,4 mm

Fig. 00

FK703R

5,2 mm

Fig. 0

FK704R

6,8 mm

1/1

Fig. 1

FK705R

1/2

FK702R–FK705R

250 mm, 10"

3,6 mm

Fig. 000

FK712R

4,4 mm

Fig. 00

FK713R

5,2 mm

Fig. 0

FK714R

6,8 mm

1/1

Fig. 1

FK715R

1/2

FK712R–FK715R

250 mm, 10"

3 mm

FK723R

4 mm

FK724R

5 mm

1/1

FK725R

1/2

BUSHE

FK723R–FK725R

250 mm, 10"

1/2

BRUNS

MB872R–MB880R

230 mm, 9"

2,0 mm	2,5 mm	3,3 mm	3,8 mm	4,8 mm	5,3 mm	6,0 mm	6,7 mm	7,3 mm
								1/1
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
MB872R	MB873R	MB874R	MB875R	MB876R	MB877R	MB878R	MB879R	MB880R

Knochenhebel, Raspatorien, Scharfe Löffel – Bone Levers, Elevators, Bone Curettes

Scharfe Löffel

Bone Curettes

3,6 mm

Fig. 000

FK688R

4,4 mm

Fig. 00

FK689R

5,2 mm

1/1

Fig. 0

FK690R

SIMON

FK688R–FK690R

1/2 235 mm, 9 1/4"

6,8 mm

Fig. 1

ER101R

8,5 mm

Fig. 2

ER102R

10 mm

Fig. 3

ER103R

11,5 mm

Fig. 4

ER104R

13 mm

Fig. 5

ER105R

14,5 mm

1/1

Fig. 6

ER106R

SIMON

ER101R–ER106R

1/2 max. 240 mm, 9 1/2"

3,6 mm

Fig. 000

FK773R

4,4 mm

Fig. 00

FK774R

5,2 mm

Fig.0

FK775R

CASPAR

FK773R–FK775R

220 mm, 8 3/4"

1/2

3,6 mm

Fig. 000

FK783R

4,4 mm

Fig. 00

FK784R

5,2 mm

1/1

Fig. 0

FK785R

CASPAR

FK783R–FK785R

220 mm, 8 3/4"

1/2

4 mm

FK834R

5 mm

FK835R

1/1

6 mm

FK836R

CASPAR

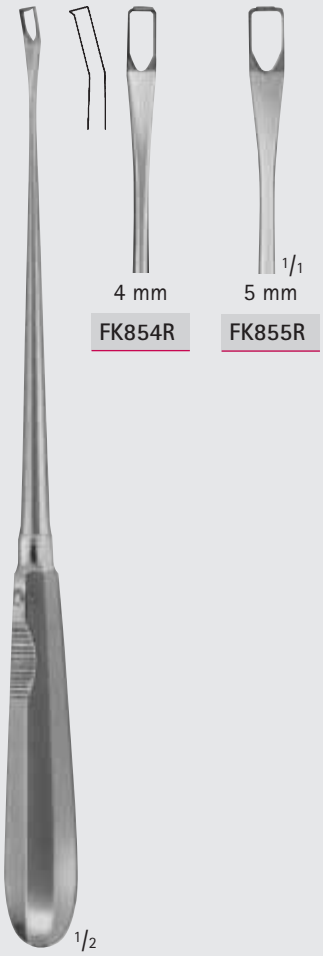
FK834R–FK836R

gezahnt

toothed

1/2 220 mm, 8 3/4"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar overpressure)



FK854R
FK855R

CASPAR

FK854R-FK855R

gezahnt
toothed
250 mm, 10"

FK863R
FK864R

CASPAR

FK863R-FK864R

gezahnt
toothed
270 mm, 10 3/4"

4,4 mm
Fig. 00
FK666R

6,8 mm
Fig. 1
FK668R

8,5 mm
Fig. 2
FK670R

10 mm
Fig. 3
FK672R

FK666R-FK672R

270 mm, 10 3/4"

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

1/2

MEAD

FL035R 180 g

mit auswechselbaren Kunststoffbacken
with interchangeable plastic discs
190 mm, 7 1/2"

FL034
Ersatzbackenpaar
Pair of spare discs

Ø 25 mm
diam. 25 mm

1/2

FL036R 135 g

mit auswechselbaren Kunststoffbacken
with interchangeable plastic discs
185 mm, 7 1/4"

FL037
Ersatzbackenpaar
Pair of spare discs

Ø 30 mm
diam. 30 mm

1/2

COTTLE

FL038R 235 g

1 Seite flach, 1 Seite convex
1 side flat, 1 side convex
185 mm, 7 1/4"

Ø 25 mm
diam. 25 mm

1/2

FL039R 130 g

mit einer flachen und einer aufgerauhten Fläche
with one smooth and one rough surface
185 mm, 7 1/4"

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

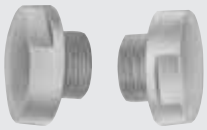
HAJEK
FL044R 135 g
220 mm, 8 3/4"

1/2

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

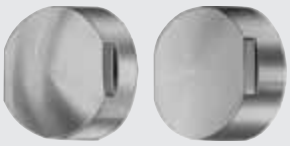
FL045R 200 g
mit auswechselbaren Kunststoffbacken
with interchangeable plastic discs
245 mm, 9 3/4"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

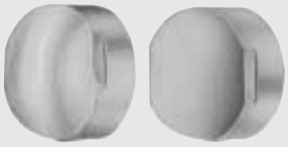
Ø
diam.

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

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"

Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers
Weights refer to the heads of the mallets

FL070S 425 g
Kopf aus Implantatewerkstoff
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"

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"

HEATH

		Ø diam.	
FL068C	660 g	40 mm	185 mm, 7 1/4"
FL069C	725 g	45 mm	200 mm, 8"

mit Kupferfüllung
with cooper filled head

1/2

FL097R
2,5 mm

1/1

FL098R
3,5 mm

PASSOW

FL097R–FL098R

120 mm, 4 3/4"

1/2

Ø/diam.

FL093R
3,0 mm

FL094R
5,0 mm

FL095R
7 mm

1/1

FL096R
9 mm

FL093R–FL096R

160 mm, 6 1/2"

1/2

Ø/diam.

FF913R
3 mm

FF914R
5 mm

1/1

FF915R
8 mm

CASPAR

FF913R–FF915R

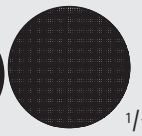
200 mm, 8"

1/2

Ø/diam.

FL090R
12 mm

FL091R
14 mm



1/1

FL092R
16 mm

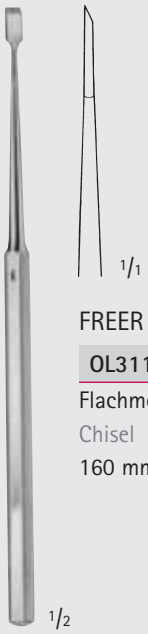
FL090R–FL092R

200 mm, 8"

Hämmer und Meißel – Mallets, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel

Osteotomes, Chisels and Gouges



FREER

OL311R 4 mm

Flachmeißel

Chisel

160 mm, 6 1/4"

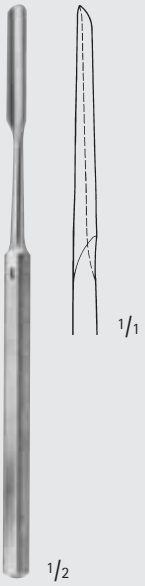
FREER

OL314R 4 mm

Flachmeißel, gebogen

Chisel, curved

160 mm, 6 1/4"



FREER

OL316R 6 mm

Hohlmeißel

Gouge

150 mm, 6"

MANNERFELT MODIF.

FL144R	4 mm
FL146R	6 mm
FL148R	8 mm

Osteotome

Osteotomes

155 mm, 6"

MANNERFELT MODIF.

FL153R 3 mm

Hohlmeißel

Gouge

155 mm, 6"

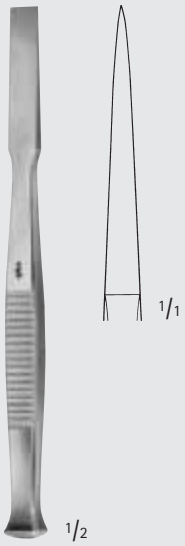
KRÄMER

FL711R 2,6 mm

Osteophyten-Meißel mit Griff

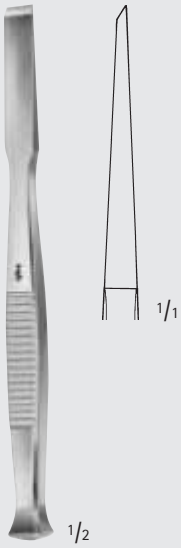
Chisel for osteophytes with handle

215 mm, 8 1/2"



FL110R	4 mm
FL112R	6 mm
FL114R	8 mm
FL116R	10 mm
FL118R	12 mm

Osteotome
Osteotomes
140 mm, 5 1/2"



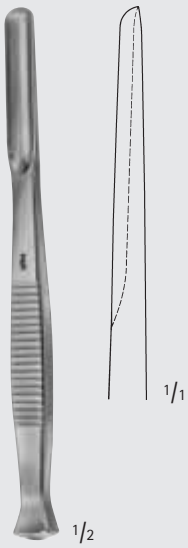
FL120R	4 mm
FL122R	6 mm
FL124R	8 mm
FL126R	10 mm
FL128R	12 mm

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"

Hämmer und Meißel – Mallets, Chisels and Gouges

Flach- und Hohlmeißel

Chisels and Gouges

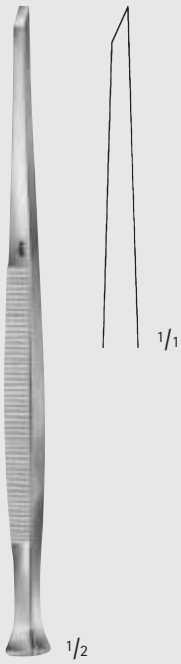
PARTSCH

FL173R	3 mm
FL174R	4 mm
FL175R	5 mm
FL176R	6 mm

Flachmeißel

Chisels

140 mm, 5 1/2"



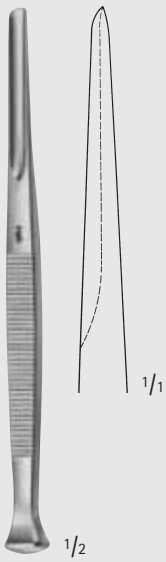
PARTSCH

FL183R	3 mm
FL184R	4 mm
FL185R	5 mm
FL186R	6 mm
FL187R	7 mm

Flachmeißel

Chisels

170 mm, 6 3/4"



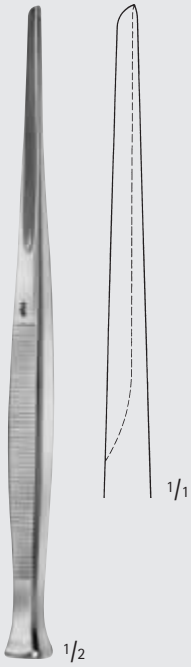
PARTSCH

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

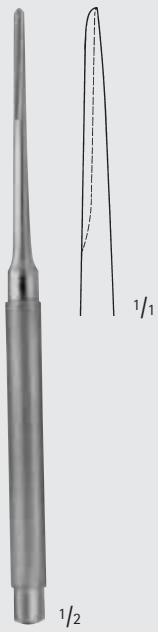
Gouges

170 mm, 6 3/4"

LUCAS

DO711R	4 mm
DO713R	6 mm

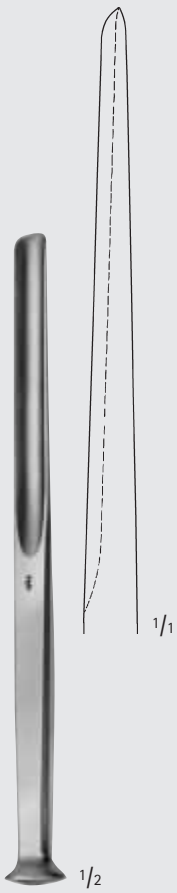
Flachmeißel
Chisels
160 mm, 6 1/4"



LUCAS

DO715R	3 mm
DO717R	5 mm

Hohlmeißel
Gouges
160 mm, 6 1/4"



ALEXANDER

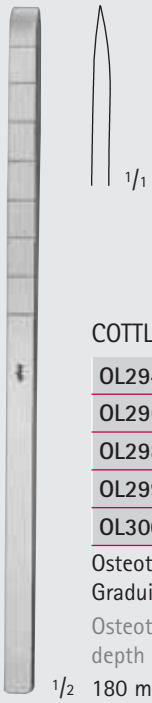
FL343R	7 mm
FL345R	9 mm
FL347R	11 mm

Hohlmeißel
Gouges
170 mm, 6 3/4"

LAMBOTTE

FL101R	4 mm
FL102R	6 mm
FL104R	8 mm
FL106R	10 mm
FL108R	12 mm
FL109R	15 mm

Osteotome
Osteotomes
125 mm, 5"



COTTLE

OL294R	4 mm
OL296R	6 mm
OL298R	8 mm
OL299R	10 mm
OL300R	12 mm

Osteotome mit Graduierung
Osteotomes with depth markings
180 mm, 7"

COTTLE

OL301R	4 mm
OL302R	7 mm
OL303R	9 mm
OL304R	12 mm

Osteotome mit einseitigem Anschliff und Graduierung
Chisel-Osteotomes with depth markings
180 mm, 7"

COTTLE

OL307R	8 mm

Fischschwanzosteotom
Fishtail chisel, with protected ends
180 mm, 7"

FL

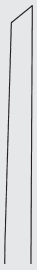
1/1

EAST GRINSTEAD (WARD)

DO722R	3 mm
DO723R	5 mm

Flachmeißel
Chisels
180 mm, 7"

1/2



1/1

EASTMAN

DO725R	3 mm
DO726R	5 mm

Flachmeißel
Chisels
190 mm, 7 1/2"

1/2

1/1

EAST GRINSTEAD (WARD)

DO732R	3 mm
DO733R	5 mm

Osteotome
Osteotomes
180 mm, 7"

1/2

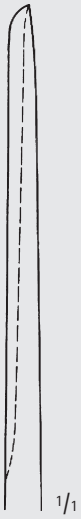
1/1

1/2

STILLE

FL503R	10 mm
FL504R	12 mm
FL505R	15 mm
FL506R	20 mm
FL507R	25 mm

Flachmeißel
Chisels
205 mm, 8"



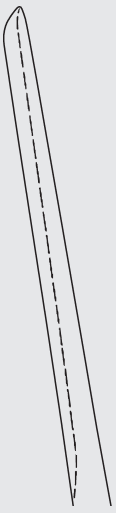
1/1

1/2

STILLE

FL573R	10 mm
FL574R	12 mm
FL575R	15 mm
FL576R	20 mm
FL577R	25 mm

Hohlmeißel
Gouges
205 mm, 8"



1/1

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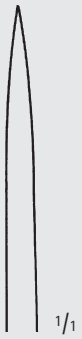
WALTER

FL583R	10 mm
FL585R	15 mm

Hohlmeißel zur Knorpelentnahme aus der Rippe
Gouges for taking grafts from the ribs
205 mm, 8"



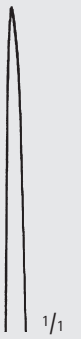
1/1

1/2

STILLE

FL512R	8 mm
FL513R	10 mm
FL514R	12 mm
FL515R	15 mm
FL516R	20 mm
FL517R	25 mm

Osteotome
Osteotomes
205 mm, 8"



1/1

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STILLE

FL523R	10 mm
FL524R	12 mm
FL525R	15 mm
FL526R	20 mm
FL527R	25 mm

Osteotome
Osteotomes
205 mm, 8"

1/1

1/2

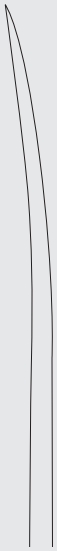
STILLE

FL553R	10 mm
FL554R	12 mm
FL555R	15 mm
FL556R	20 mm
FL557R	25 mm

Osteotome, gebogen
Osteotomes, curved
205 mm, 8"

FL

MB657R–MB662R



1/1

MB663R–MB669R

MB675R–MB684R

1/1

MB685R–MB694R

1/2

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

205 mm, 8 1/8"

1/2

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

240 mm, 9 1/2"

INCHES

1/1

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 3/4"

1/2

1/1

LAMBOTTE

FL781R	8 mm
FL783R	13 mm
FL785R	18 mm
FL788R	25 mm
FL789R	30 mm
FL790R	38 mm

gebogen
curved
245 mm, 9 3/4"

1/2

1/1

OBWEGESER

DO720R	11 mm

gebogen
curved
235 mm, 9 1/4"

1/2

1/1

NIEDERDELLMANN

DO728R	8 mm
DO730R	10 mm

gebogen
curved
250 mm, 10"

1/2

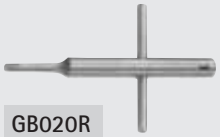
Hämmer und Meißel – Mallets, Chisels and Gouges

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)

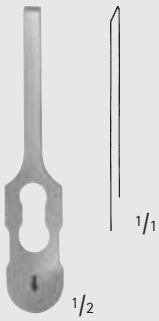


GB020R

FL665R

Meißelgriff für auswechselbare Klingen mit Spannschlüssel GB020R

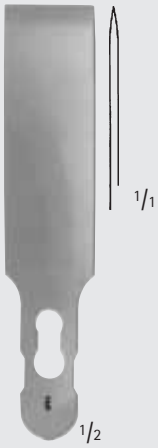
Handle for interchangeable blades, with key GB020R



FL666R	5 mm
FL668R	10 mm
FL670R	16 mm
FL672R	25 mm

auswechselbare Klingen, Nutzlänge: 45 mm

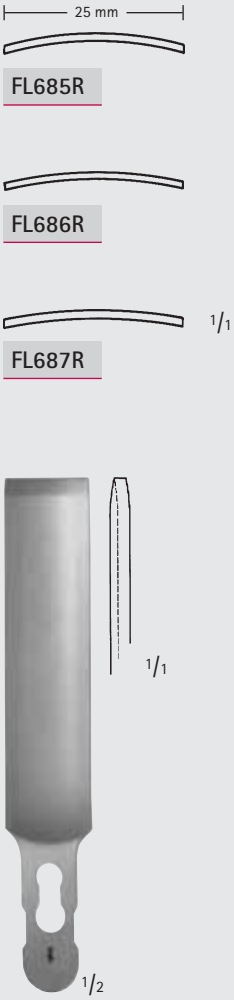
interchangeable blades, usable length: 45 mm



FL682R 25 mm

auswechselbare Osteotomieklinge, Nutzlänge: 78 mm

interchangeable osteotome blade, usable length: 78 mm



FL685R	25 mm	r = 50 mm
FL686R	25 mm	r = 60 mm
FL687R	25 mm	r = 70 mm

auswechselbare Meißelblätter, hohl

interchangeable chisel blades, hollow

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

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"

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

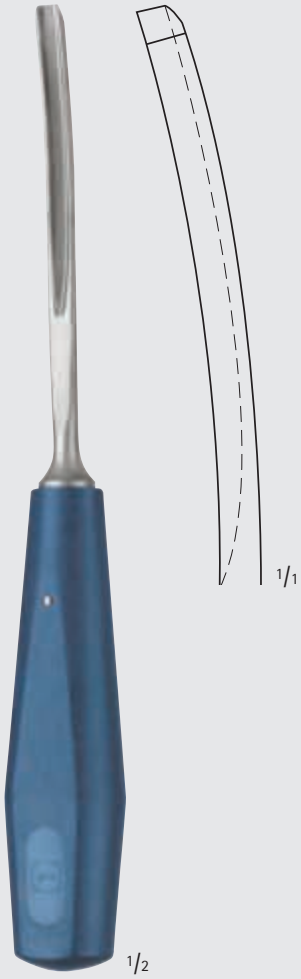
Gouges for scoliosis operations

230 mm, 9"

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"

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)

FL430R 20 mm

Flachmeißel

Chisel

245 mm, 9 3/4"

ND105R 16 mm

Flachmeißel, gebogen

Chisel, curved

265 mm, 10 1/2"

LEXER

ND108R 10 mm

ND109R 15 mm

Osteotome, abgewinkelt

Osteotomes, angled

275 mm, 10 3/4"

LEXER

FL423R

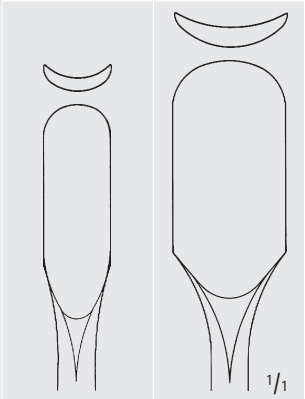
Spongiosa-Hohlmeißel

Spongiosa gouge

280 mm, 11"

Dampfsterilisierbar bis 143°C (3 bar)
Can be sterilized in a steam sterilizer up to 143°C (3 bar)

1/2



1/1

	9 mm	15 mm
aufgebogen inclined forward	ND120R	ND122R
rückwärts gebogen inclined backward	ND121R	ND123R
gerade straight	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"

1/1

1/2

ND118R 25 mm

290 mm, 11 1/4"

FL

FO

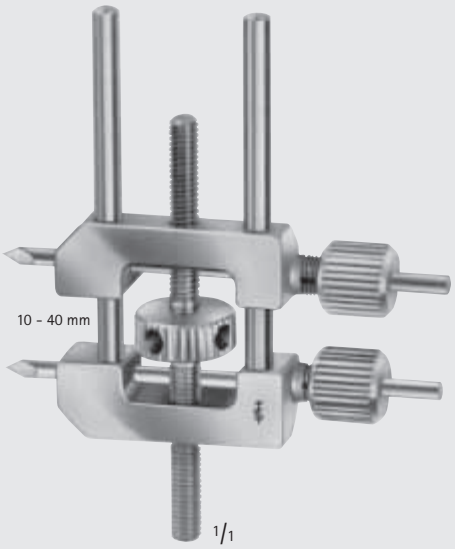
Knochenhaltezangen, Hohlmeißelzangen, Knochensplitterzangen

Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Distraktor, Repositionszangen

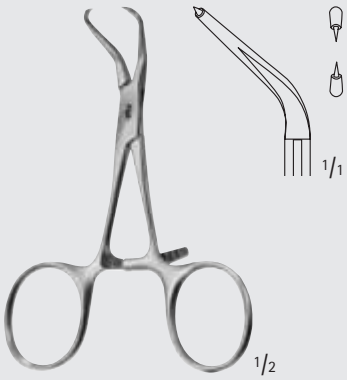
Distractor, Reposition Forceps



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.

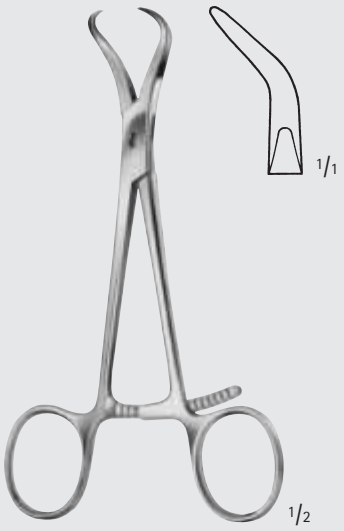


FO113R

Repositionszange mit abgesetzten Spitzen

Reposition forceps with stepped tips

95 mm, 3 3/4"

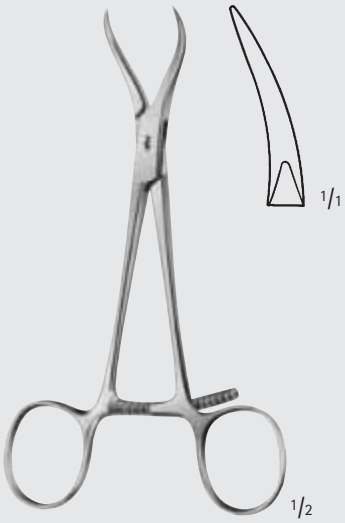


FO115R

Repositionszange für Kleinfragmente

Reposition forceps for small fragments

135 mm, 5 1/4"

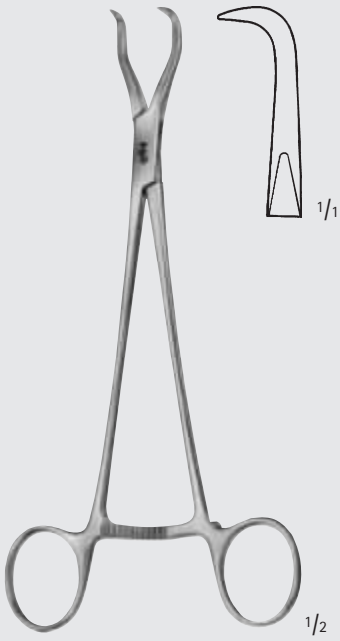


FO117R

Repositionszange, speziell für Kieferrepositionen

Reposition forceps, especially for maxillary reposition

135 mm, 5 1/4"



HAASE

FO119R

Repositionszange für Unterkieferfrakturen

Reposition forceps for mandibular fractures

165 mm, 6 1/2"

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

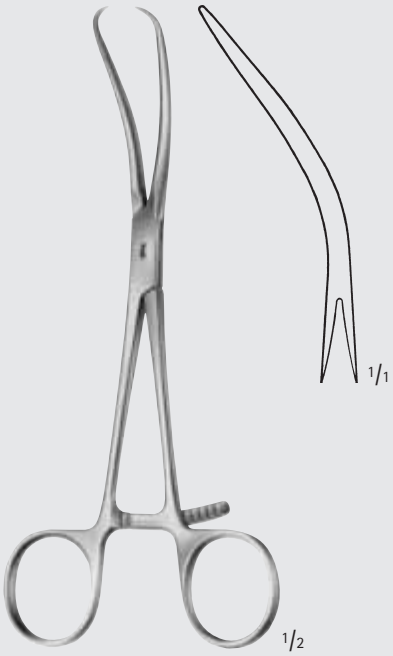
WÖRRLEIN

FO105R

Repositionsstößel (Kronenspieß), längsdurchbohrt

Reposition tamper, cannulated

165 mm, 6 1/2"



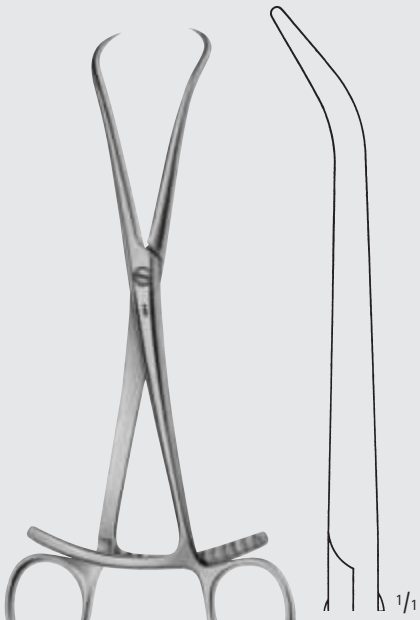
REILL

FO116R

Repositionszange

Reposition forceps

170 mm, 6 3/4"

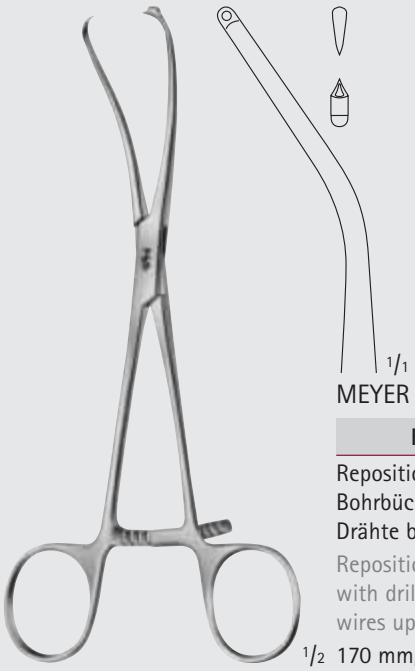


FO118R

Repositionszange

Reposition forceps

205 mm, 8"



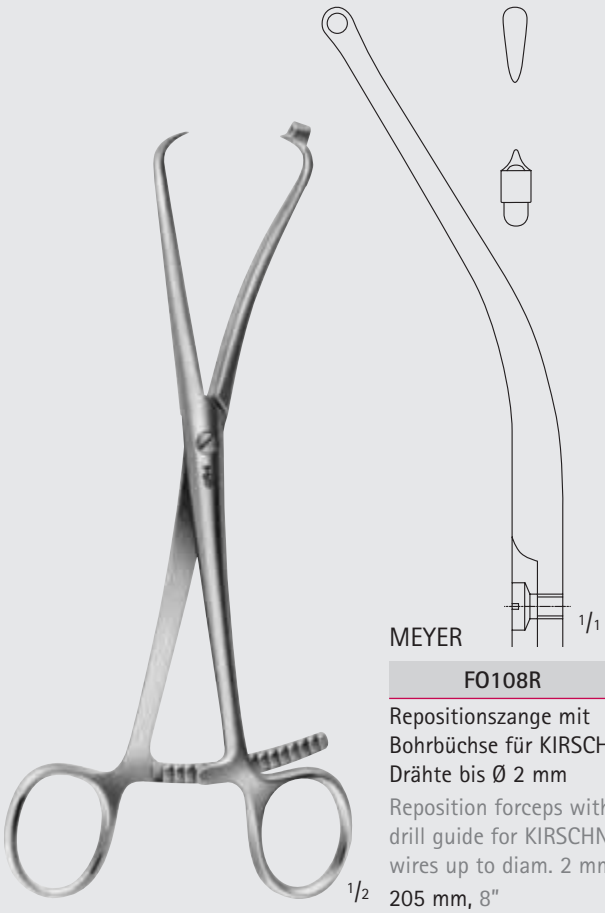
MEYER

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

Repositionszangen, Knochenhaltezangen

Reposition Forceps, Bone Holding Forceps

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

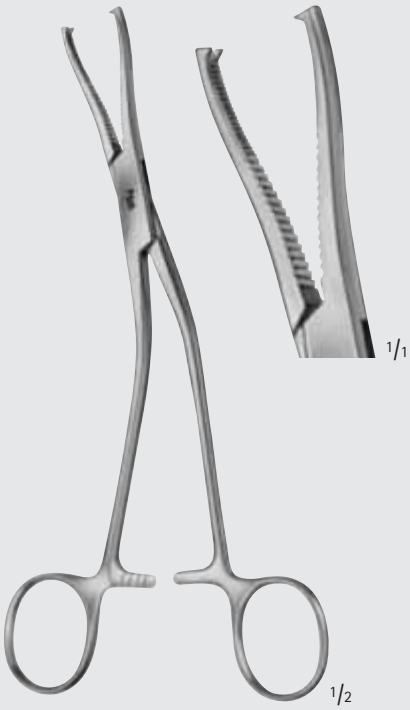
170 mm, 6 3/4"

FO125R

Zange mit Gewindesperre

Forceps with thread fixation

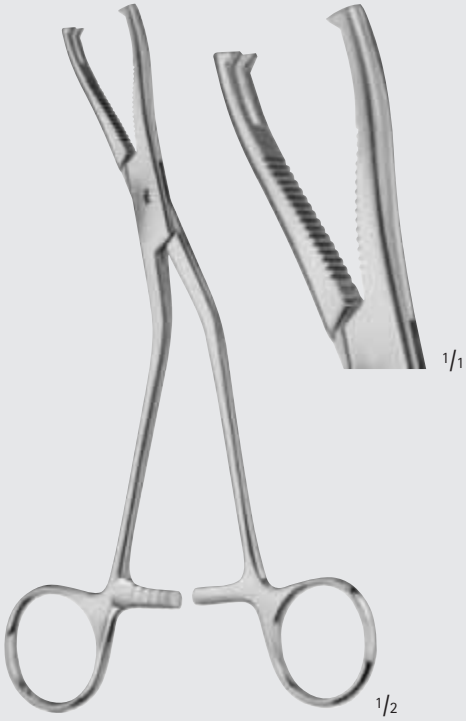
235 mm, 9 1/4"



DINGMANN

FO110R

185 mm, 7 1/4"



DINGMANN, MODIF.

FO111R

185 mm, 7 1/4"

FO100R

Sequesterzange

Sequestrum forceps

200 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen

Bone Holding Forceps

FO120R

200 mm, 8"

LANGENBECK

FO127R

205 mm, 8"

FERGUSSON

FO130R

205 mm, 8"

SEMB

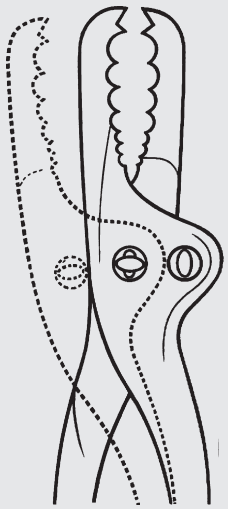
FO135R

190 mm, 7 1/2"

SEMB

FO136R

190 mm, 7 1/2"



im Maul verstellbar
jaw adjustable

9 mm

1/1

1/2

FARABEUF

FO140R

230 mm, 9"

11 mm

1/1

1/2

FARABEUF

FO141R

255 mm, 10"

11 mm

1/1

1/2

FARABEUF-LAMBOTTE

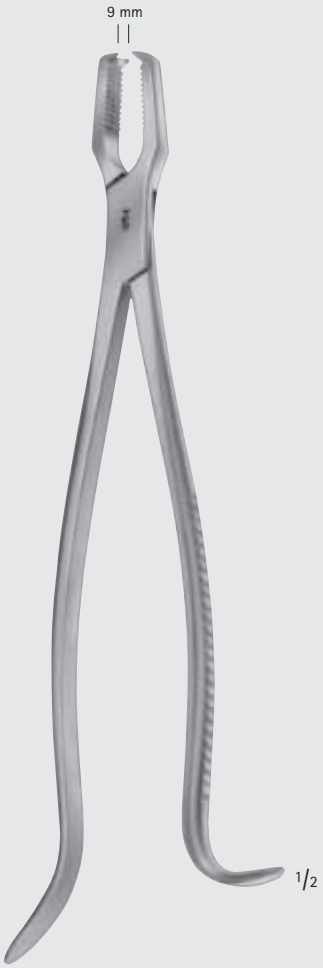
FO143R

255 mm, 10"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen

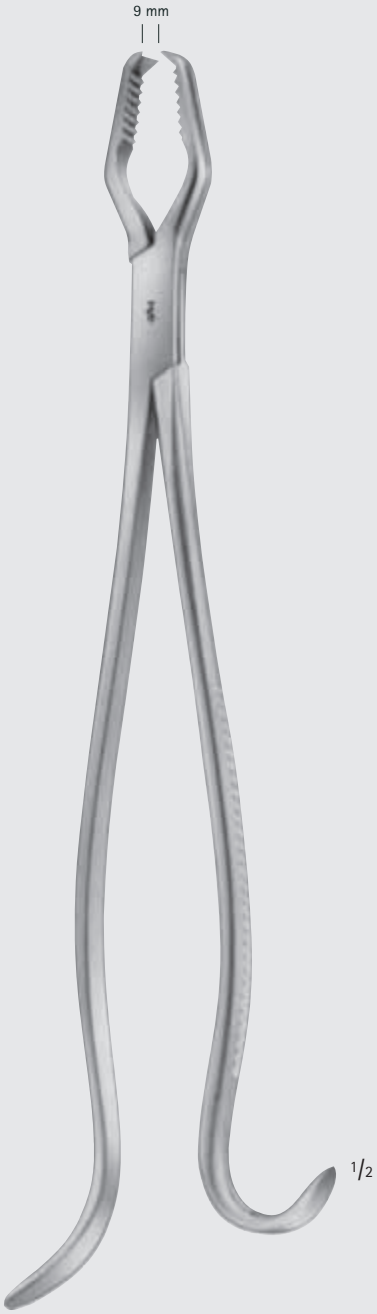
Bone Holding Forceps



KERN-LANE

FO150R

240 mm, 9 1/2"



LANE

FO151R

330 mm, 13 1/8"

KERN-MINI

FO148R

155 mm, 6"

KERN-LANE

FO158R

240 mm, 9 1/2"

LANE

FO159R

320 mm, 12 3/4"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen

Bone Holding Forceps

HEY GROVES

FO144R

210 mm, 8 1/4"

HEY GROVES

FO145R

270 mm, 10 3/4"

HEY GROVES

FO146R

305 mm, 12"

FO169R–FO173R
selbstzentrierend mit Gewindesperre
self-centering forceps with thread fixation

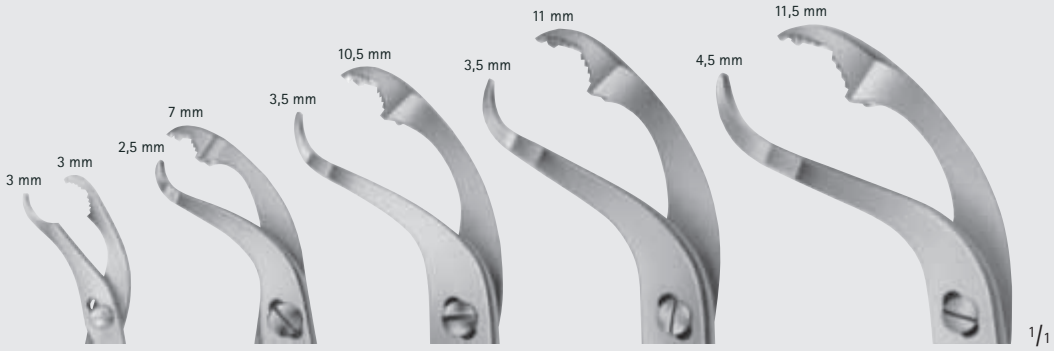


	Fig. 0	Fig. 1	Fig. 2	Fig. 3
FO169R	FO170R	FO171R	FO172R	FO173R
145 mm	190 mm	240 mm	260 mm	280 mm
5 3/4"	7 1/2"	9 1/2"	10 1/4"	11"

für Klein-fragmente
for small fragments

extra klein
small

VERBRUGGE
FO180R
175 mm, 7"

Fig. 1	Fig. 2	Fig. 3
FO181R	FO182R	FO183R
255 mm	265 mm	270 mm
10"	10 1/2"	10 3/4"

VERBRUGGE
FO181R–FO183R
mit Lappenverschluss
with lip joint

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochenhaltezangen

Bone Holding Forceps

Maulteil beweglich

movable jaw

LAMBOTTE

FO160R–FO162R

FO160R

220 mm

8 3/4"

FO161R

260 mm

10 1/4"

FO162R

330 mm

13 1/8"

LOWMAN

FO190R	170 mm, 6 3/4"
FO191R	205 mm, 8"

1/2

LOWMAN-GERSTER

FO192R

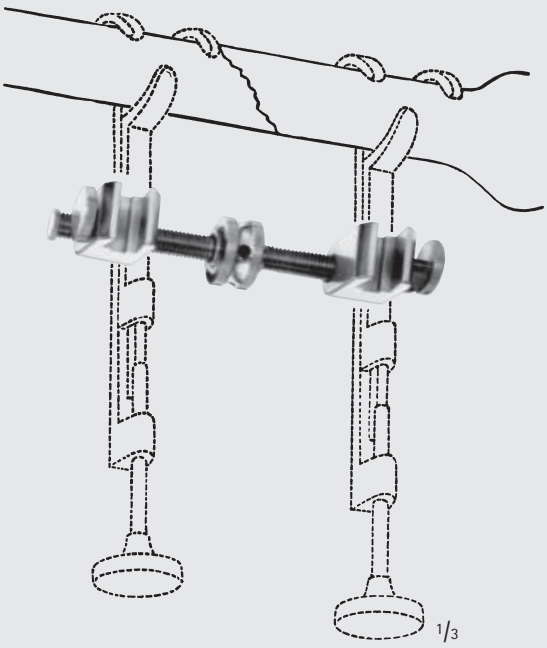
210 mm, 8 1/4"

1/2

LOWMAN-HOGLUND

FO193R

175 mm, 7"



1/3

GERSTER

FO199R

Distraktionsklammer für FO190R – FO193R

Traction bar for FO190R – FO193R

1/2

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"

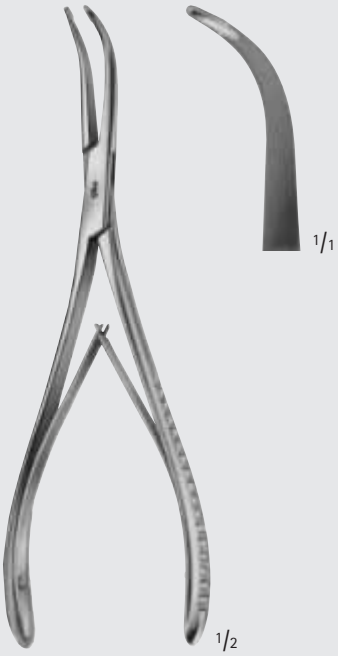
STELLBRINK

FO399R

Synovektomie-Zange

Synovectomy rongeur

175 mm, 7"



STELLBRINK

FO400R

Synovektomie-Zange

Synovectomy rongeur

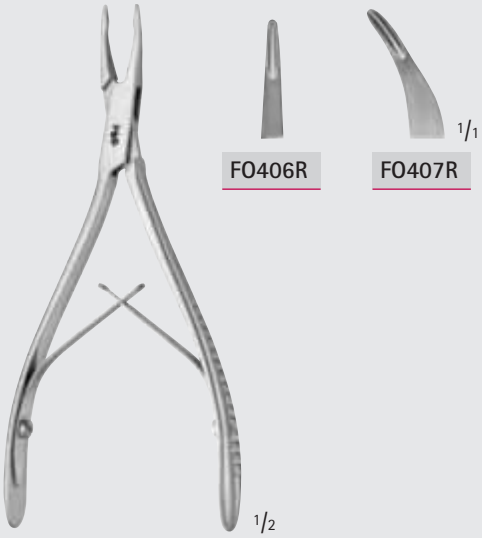
170 mm, 6 3/4"

FO408R

Hohlmeißelzangen

Bone rongeurs

145 mm, 5 3/4"



FO406R FO407R

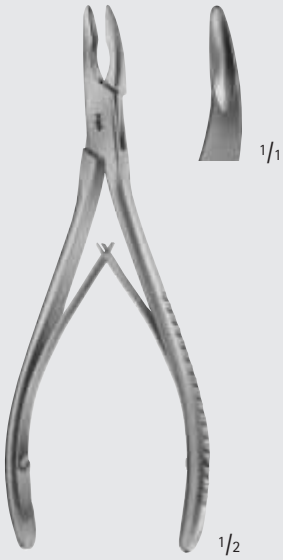
FRIEDMANN

FO406R-FO407R

Hohlmeißelzange

Bone rongeur

140 mm, 5 1/2"



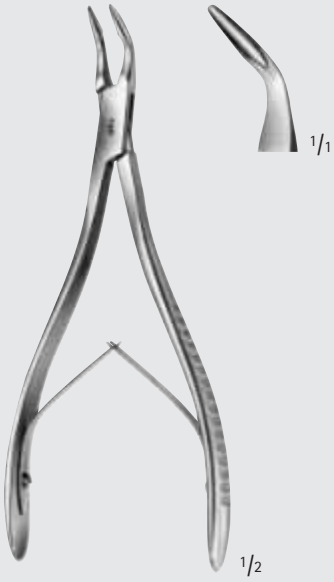
LUER-FRIEDMANN

FO409R

Hohlmeißelzangen

Bone rongeurs

145 mm, 5 3/4"



FO413R
150 mm, 6"

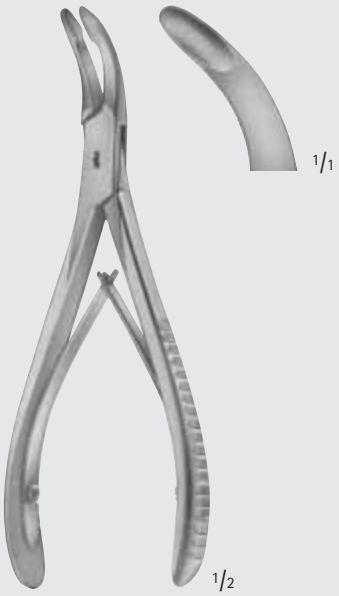
FO410R
140 mm, 5 1/2"

LUER
FO411R
150 mm, 6"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs



LUER

FO412R

155 mm, 6"

BLUMENTHAL

FO415R

155 mm, 6"

BLUMENTHAL

FO416R

150 mm, 6"

HAKANSSON

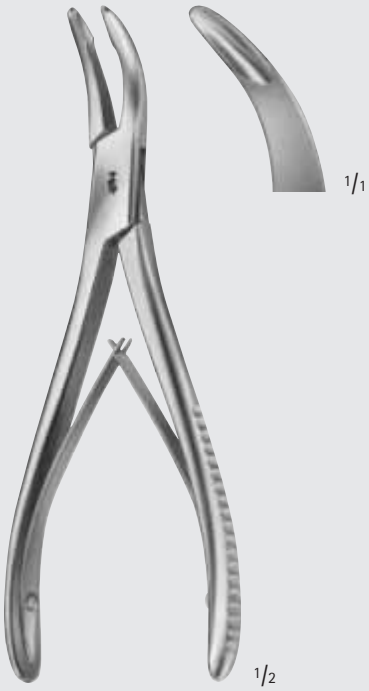
FO428R

170 mm, 6 3/4"

JANSEN

FO430R–FO432R

175 mm, 7"



BANE-HARTMANN

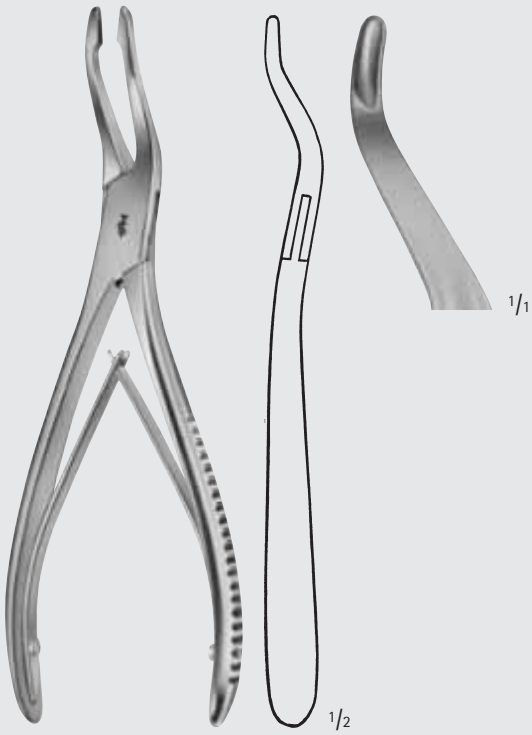
FO457R

175 mm, 7"

ALEXANDER

FO440R

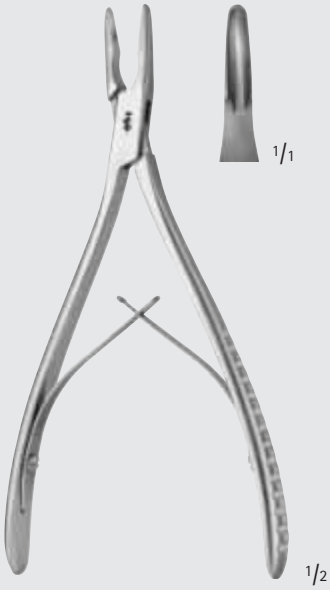
140 mm, 5 1/2"



JANSEN

FO442R

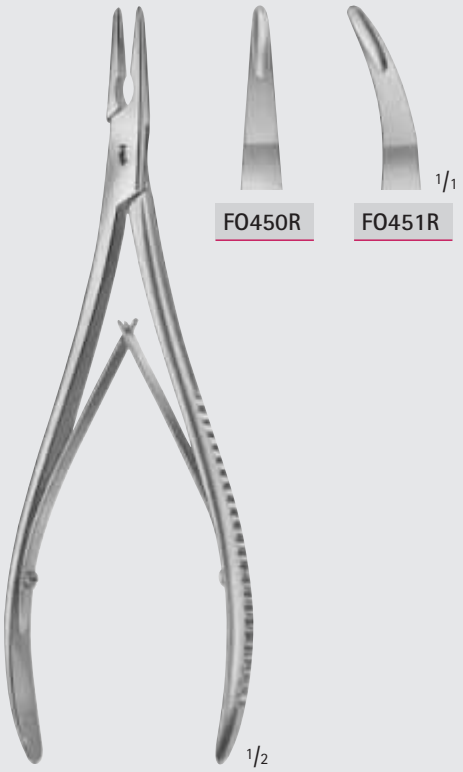
190 mm, 7 1/2"



LEMPERT

MD617

165 mm, 6 1/2"

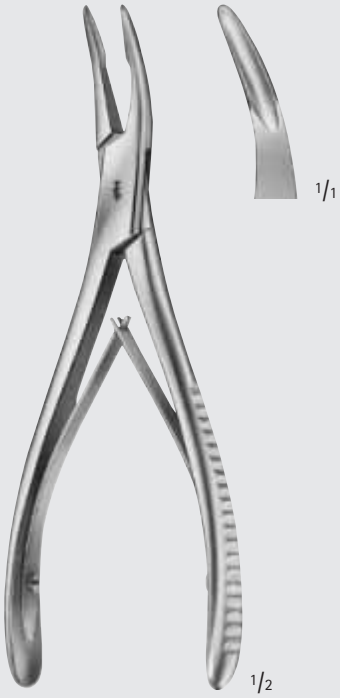


FO450R FO451R

LEMPERT

FO450R–FO451R

200 mm, 8"



BEYER

FO453R

180 mm, 7"

MEAD

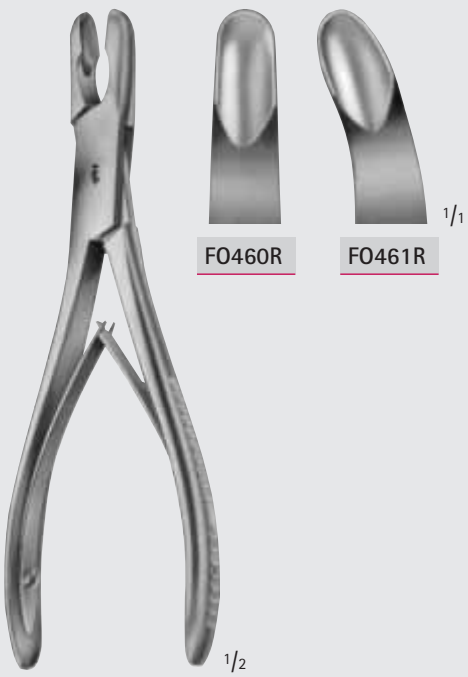
FO455R

165 mm, 6 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs



LUER

FO460R–FO461R

175 mm, 7"

LUER

FO462R

180 mm, 7"

LUER

FO463R

180 mm, 7"

OLIVECRONA

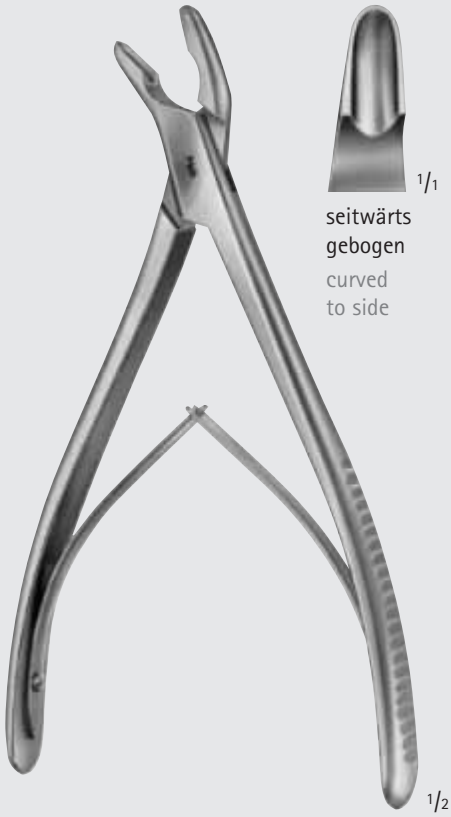
FO470R

205 mm, 8"

GULEKE

FO472R

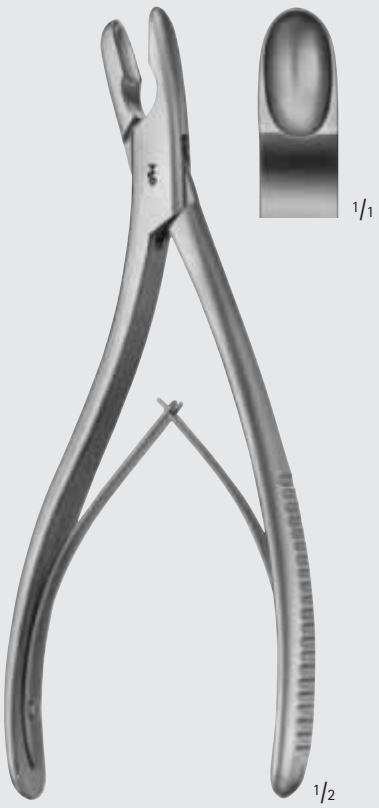
205 mm, 8"



TROTTER

FO467R

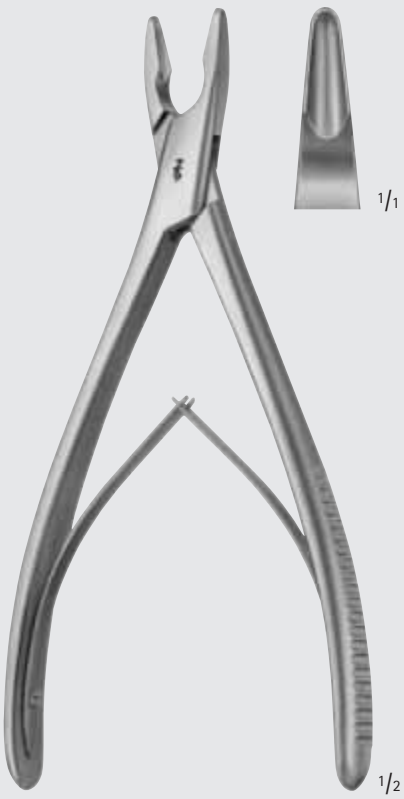
205 mm, 8"



NORTHFIELD

FO474R

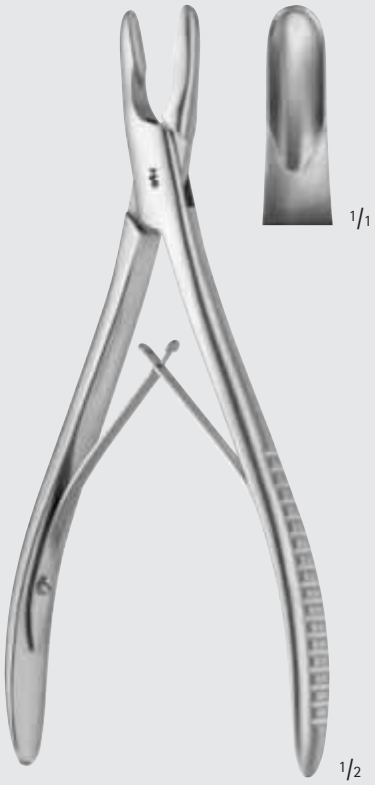
210 mm, 8 1/4"



PENNYBACKER

FO475R

205 mm, 8"



ADSON

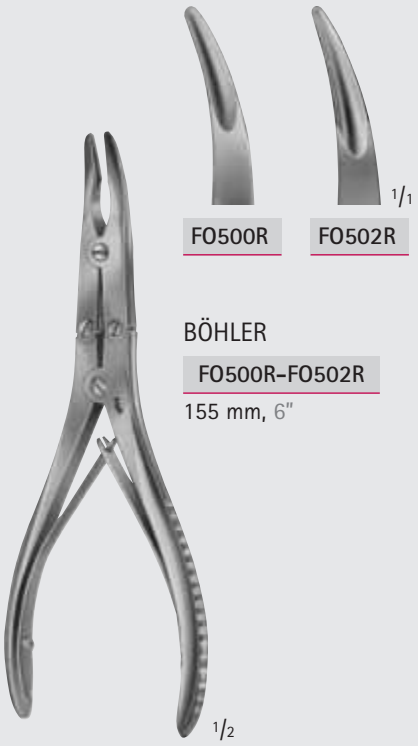
MD615

200 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs

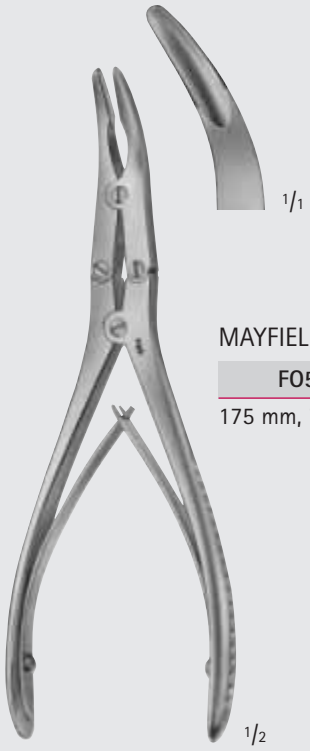


FO500R FO502R

BÖHLER

FO500R–FO502R

155 mm, 6"



MAYFIELD

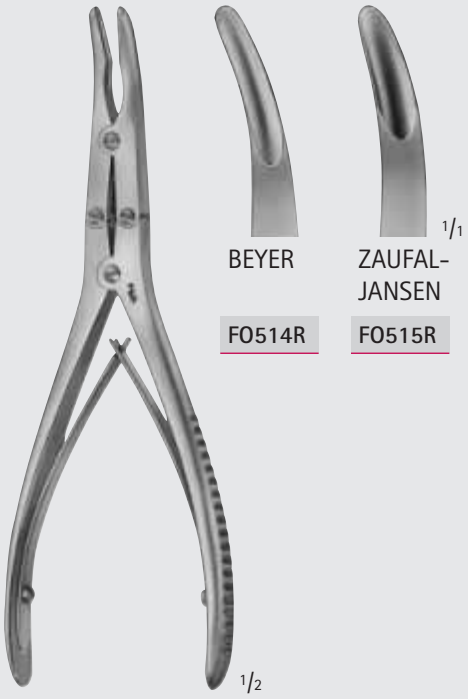
FO511R

175 mm, 7"

MARQUARDT

FO520R

200 mm, 8"



BEYER ZAUFAL-JANSEN

FO514R FO515R

FO514R–FO515R

180 mm, 7"

RUSKIN

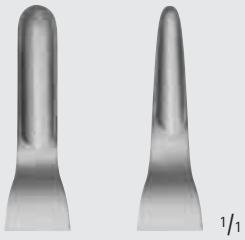
FO518R

190 mm, 7 1/2"

RÖTTGEN-RUSKIN

FO521R

240 mm, 9 1/2"



FO526R FO527R

LEKSELL

FO526R–FO527R

245 mm, 9 3/4"

FO522R FO523R

ECHLIN

FO522R–FO523R

230 mm, 9"

FRYKHOLM

FO525R

240 mm, 9 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Hohlmeißelzangen

Bone Rongeurs

STILLE

FO530R

235 mm, 9 1/4"

LEKSELL-STILLE

FO532R

240 mm, 9 1/2"

STILLE-RUSKIN

FO534R

240 mm, 9 1/2"

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

LUER-STILLE

FO566R

270 mm, 10 3/4"

SEMB

FO555R

240 mm, 9 1/2"

1/2

FO570R

FO572R

1/1

SAUERBRUCH-CORYLLOS

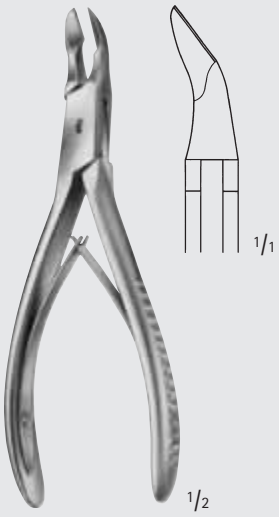
FO570R–FO572R

310 mm, 12 3/8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

Bone Cutting Forceps



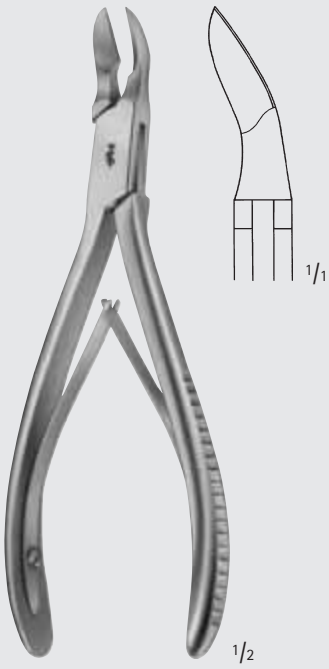
FO601R

130 mm, 5 1/8"

STAMM

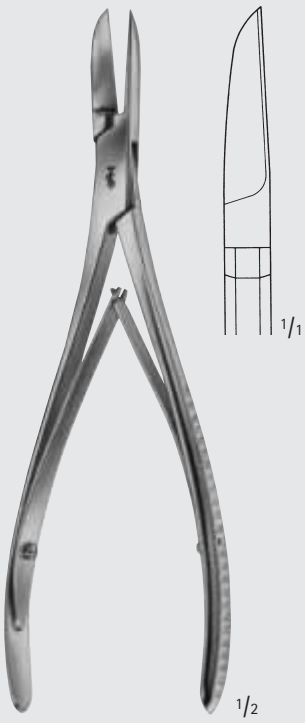
FO604R

150 mm, 6"



FO602R

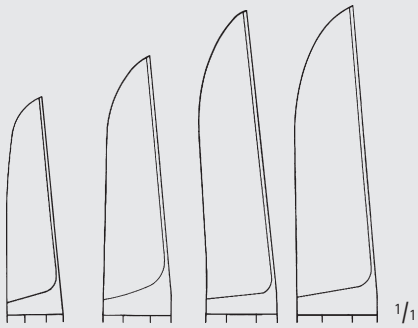
170 mm, 6 3/4"



KAZANJIAN

OK378R

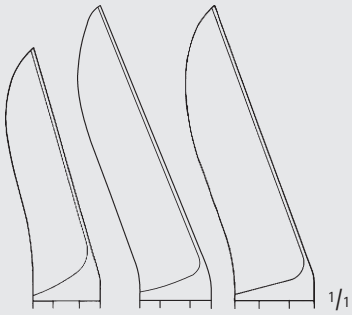
185 mm, 7 1/2"



FO620R	FO622R	FO624R	FO626R
140 mm	170 mm	200 mm	220 mm
5 1/2"	6 3/4"	8"	8 3/4"

LISTON

FO620R–FO626R



FO632R	FO634R	FO636R
170 mm	200 mm	220 mm
6 3/4"	8"	8 3/4"

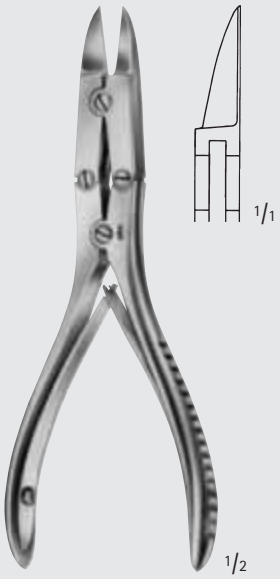
LISTON

FO632R–FO636R

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

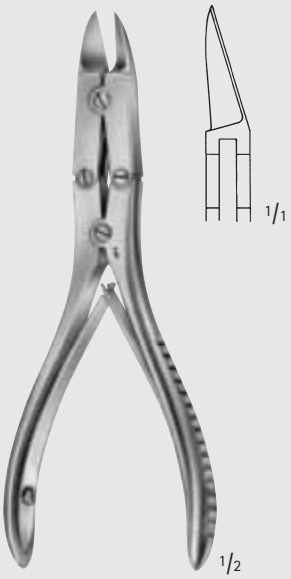
Bone Cutting Forceps



BÖHLER

FO610R

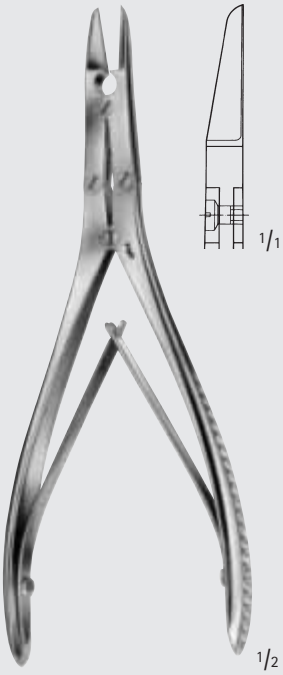
145 mm, 5 3/4"



BÖHLER

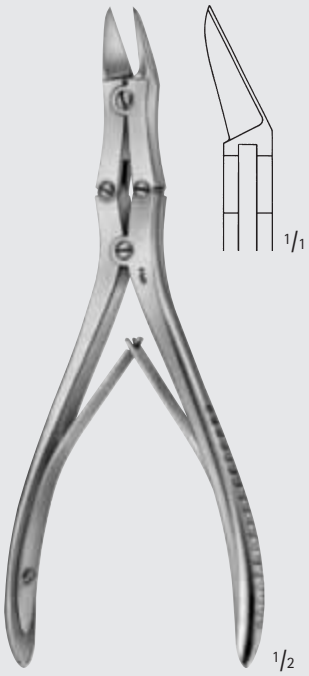
FO611R

145 mm, 5 3/4"



FO612R

170 mm, 6 3/4"



MC INDOE

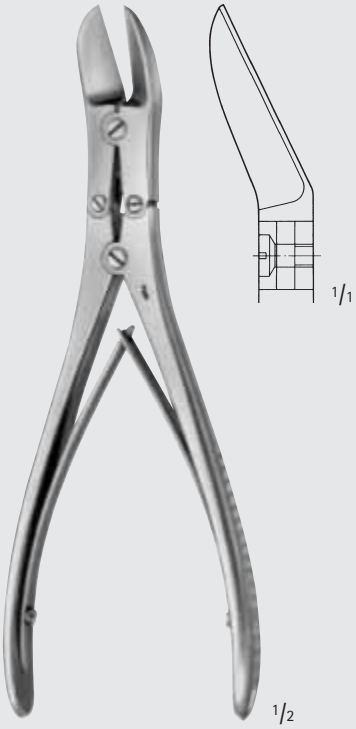
FO614R

175 mm, 7"

RUSKIN-LISTON

FO640R

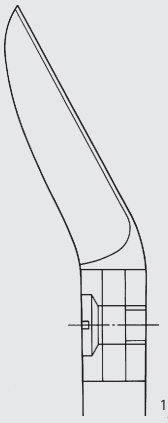
190 mm, 7 1/2"



RUSKIN-LISTON

FO641R

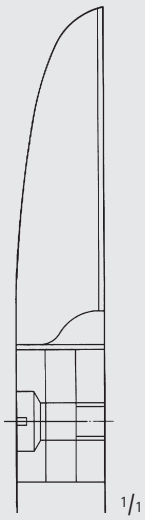
190 mm, 7 1/2"



LISTON

FO645R

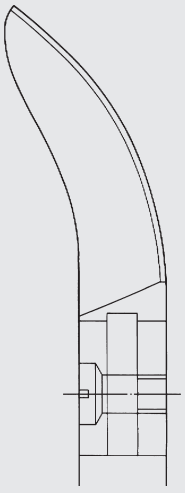
aufgebogen
curved on flat
240 mm, 9 1/2"



LISTON

FO646R

gerade
straight
280 mm, 11"



LISTON

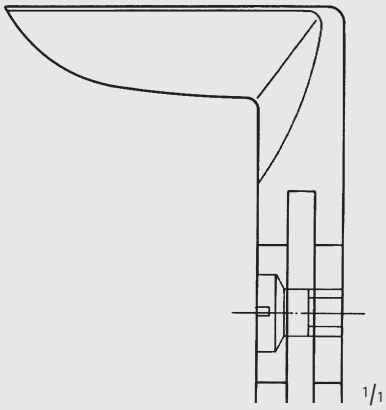
FO647R

aufgebogen
curved on flat
280 mm, 11"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Knochensplitterzangen

Bone Cutting Forceps



1/1

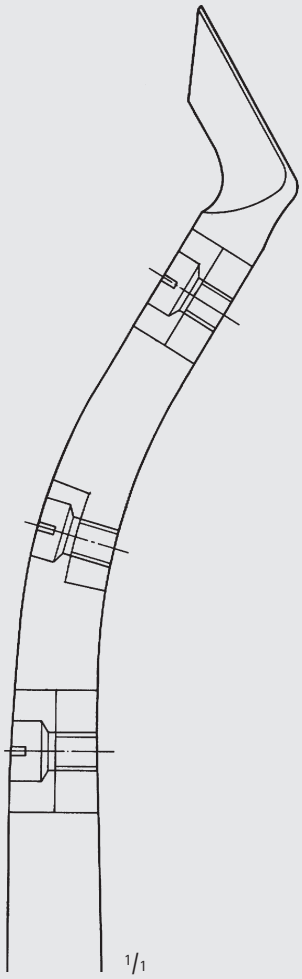
1/2

LISTON-STILLE

FO648R

265 mm, 10 1/2"

1/2



1/1

LISTON-KEY-HORSLEY
(TUDOR EDWARDS)

FO649R

255 mm, 10"

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

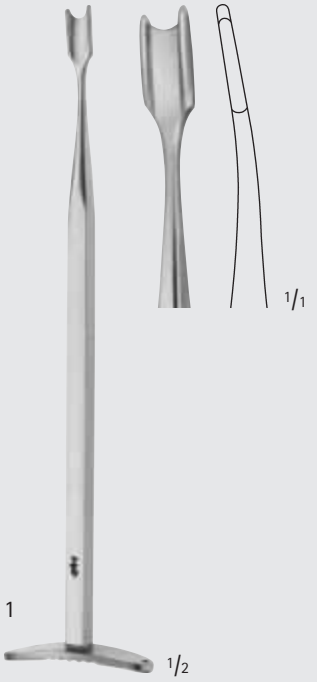
FO816R

205 mm, 8"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Meniskusmesser

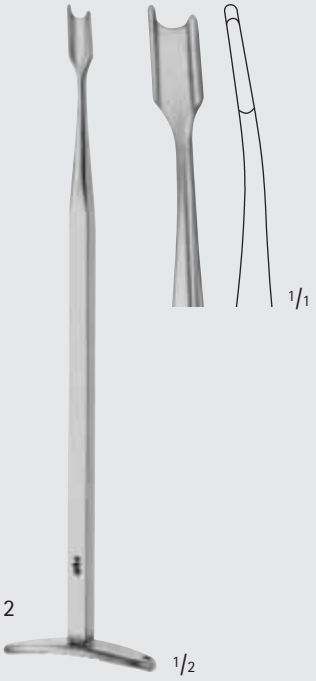
Meniscus Knives



SMILLIE

FO855R

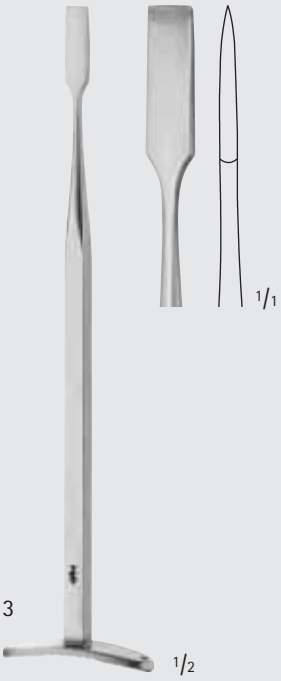
170 mm, 6 3/4"



SMILLIE

FO856R

170 mm, 6 3/4"



SMILLIE

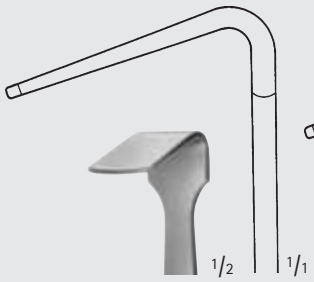
FO857R

170 mm, 6 3/4"

SMILLIE

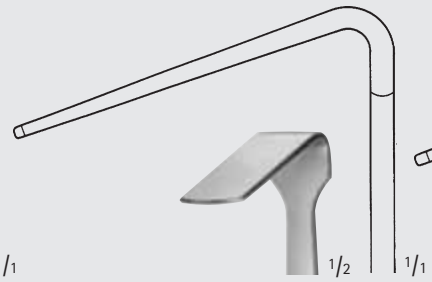
BT421R–BT425R

140 mm, 5 1/2"



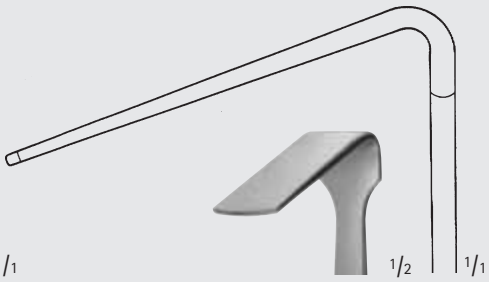
BT421R

32 x 19 mm



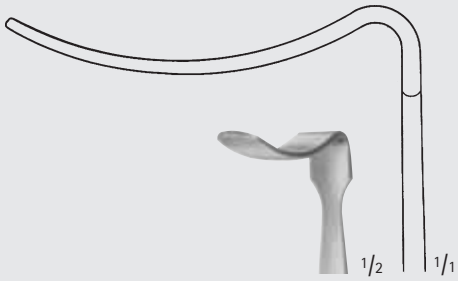
BT422R

48 x 19 mm



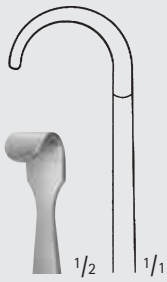
BT423R

57 x 19 mm



BT424R

52 x 13 mm

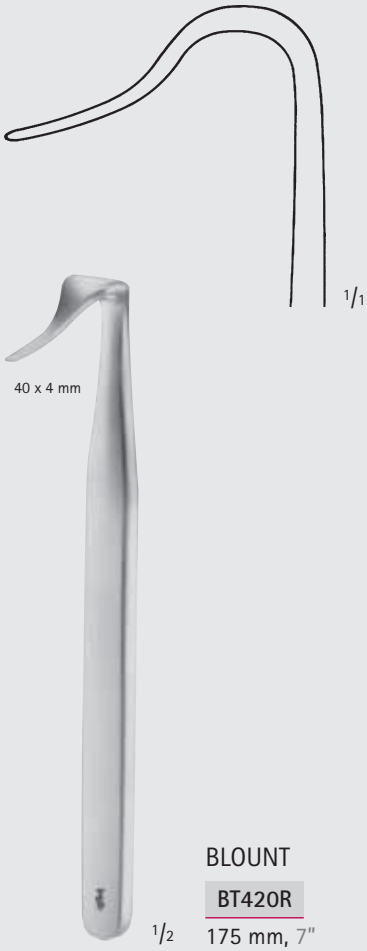


BT425R

12 x 13 mm

BT419R

225 mm, 9"



BLOUNT

BT420R

175 mm, 7"

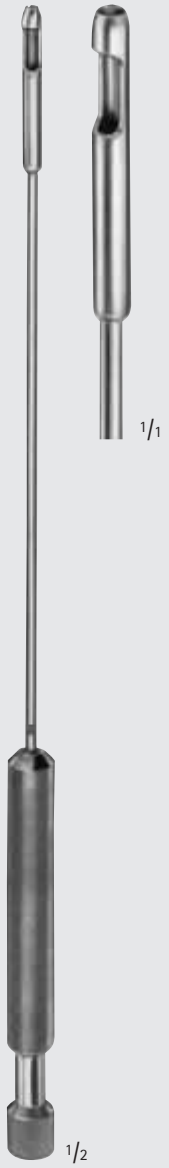
BT430R

170 mm, 6 3/4"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Sehnenstripper

Tendon Strippers



Ø
diam.

FO923R 3 mm

Sehnenstripper
Schaftlänge: 190 mm

Tendon stripper
Shaft length: 7 1/2"

300 mm, 11 1/2"

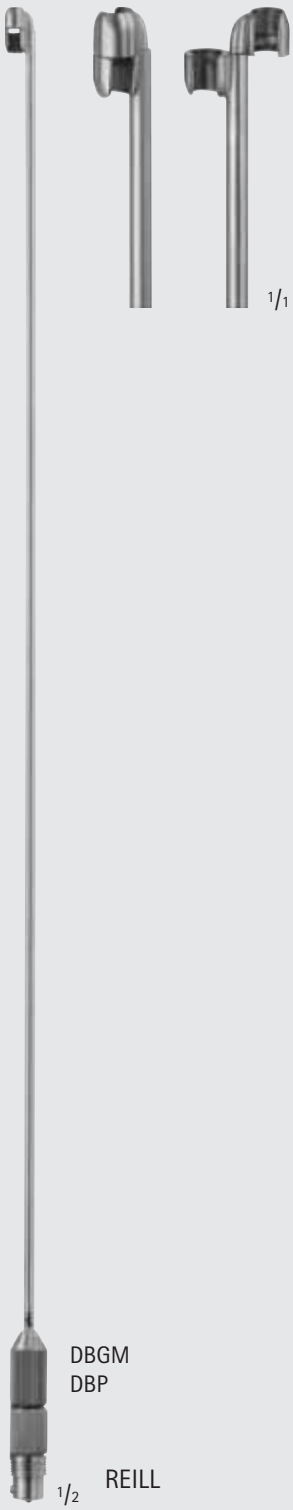
Ø
diam.

FO925R 5 mm

Sehnenstripper
Schaftlänge: 390 mm

Tendon stripper
Shaft length: 15 1/3"

495 mm, 19 1/2"



REILL

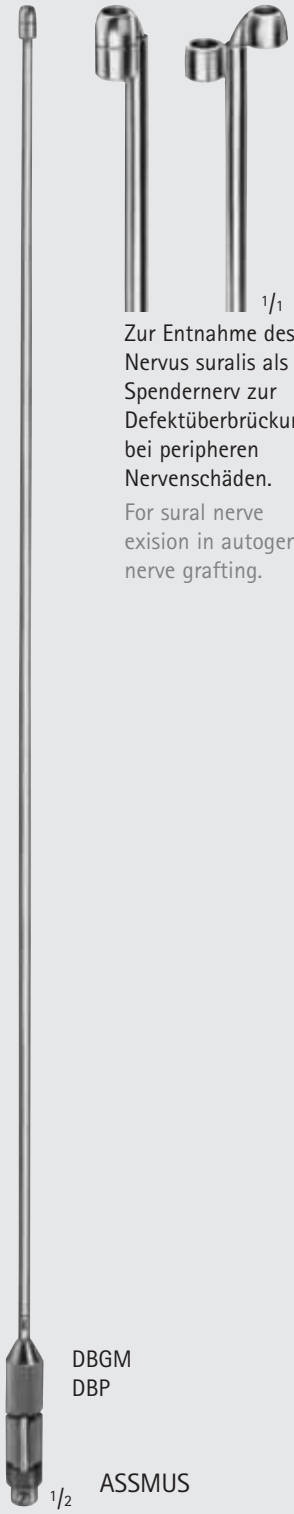
Ø
diam.

FO928R	4 mm
FO930R	6 mm

Sehnenstripper
Schaftlänge: 350 mm

Tendon stripper
Shaft length: 13 3/4"

395 mm, 15 1/2"



Zur Entnahme des Nervus suralis als Spendernerv zur Defektüberbrückung bei peripheren Nervenschäden.

For sural nerve exision in autogenous nerve grafting.

ASSMUS

Ø
diam.

FD610R 3 mm

Nervenstripper, stumpf
Schaftlänge: 350 mm

Nerve stripper, blunt
Shaft length: 13 3/4"

395 mm, 15 1/2"

FO931R FO932R FO933R FO934R

BRUNNELL

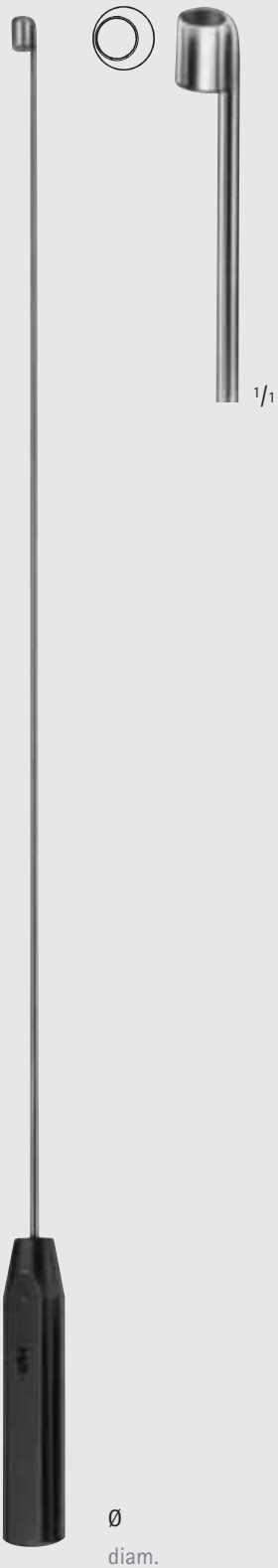
	Ø diam.
FO931R	2 mm
FO932R	3 mm
FO933R	4 mm
FO934R	6 mm

135 mm, 5 1/4"

FO935R FO937R

	Ø diam.
FO935R	3 mm
FO937R	5 mm

300 mm, 12"



	Ø diam.
FO939R	5 mm

500 mm, 19 1/2"

Knochenhaltezangen, Hohlmeißelzangen – Bone Holding Forceps, Bone Rongeurs

Sehnendurchziehsonden

Tendon Passing Probes

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

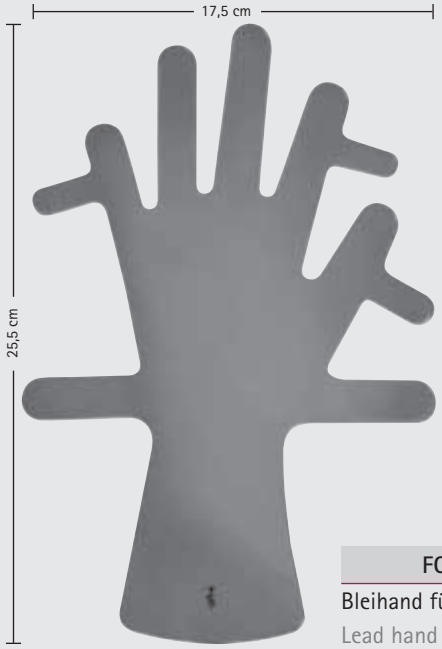
160 mm, 6 1/4"

1/2

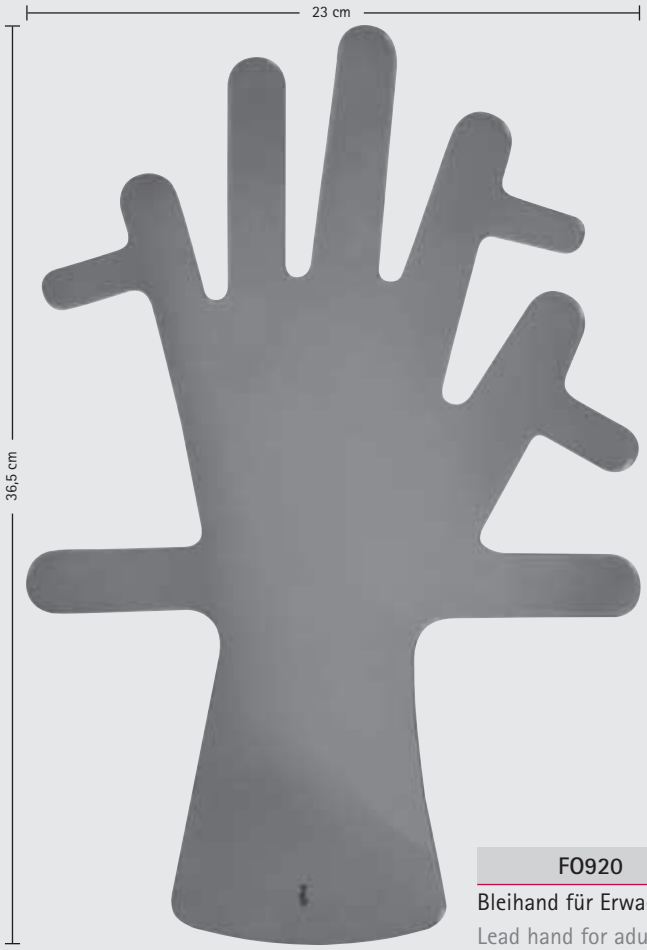
Knopf-Ø
diam. of tip

BN040R	3,0 mm

200 mm, 8"



FO919
Bleihand für Kinder
Lead hand for children

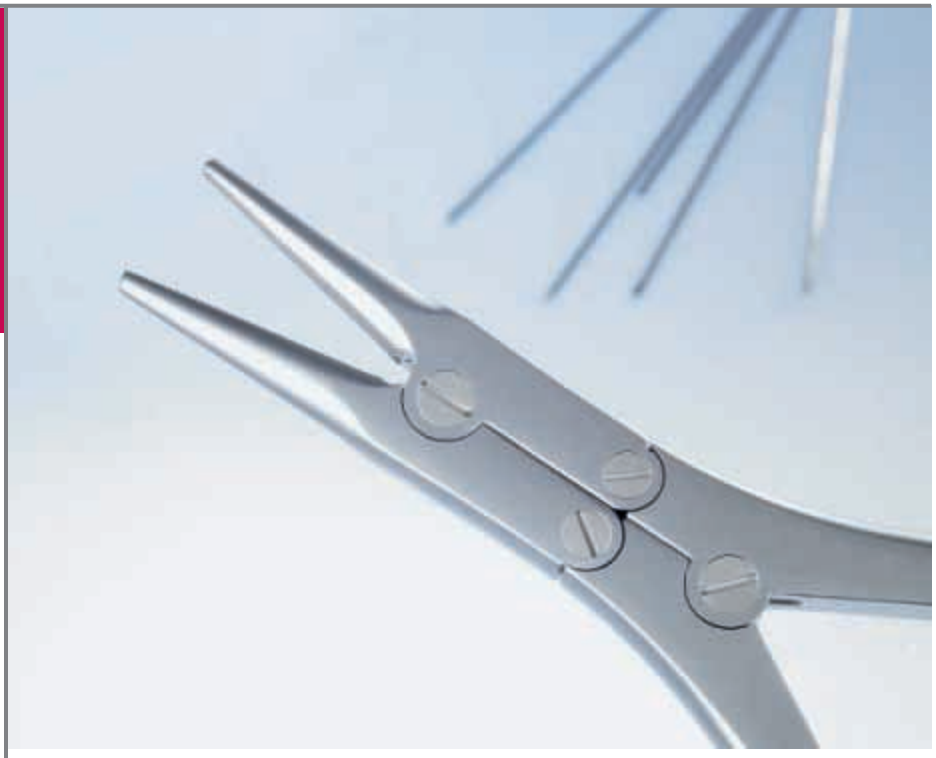


FO920
Bleihand für Erwachsene
Lead hand for adults

FO912R
Handfixierplatte komplett
mit 5 Fingerklammern
Hand fixation plate complete
with 5 finger clips

FO913R
Fingerklammer zu FO912R
Fingerclip for FO912R

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:

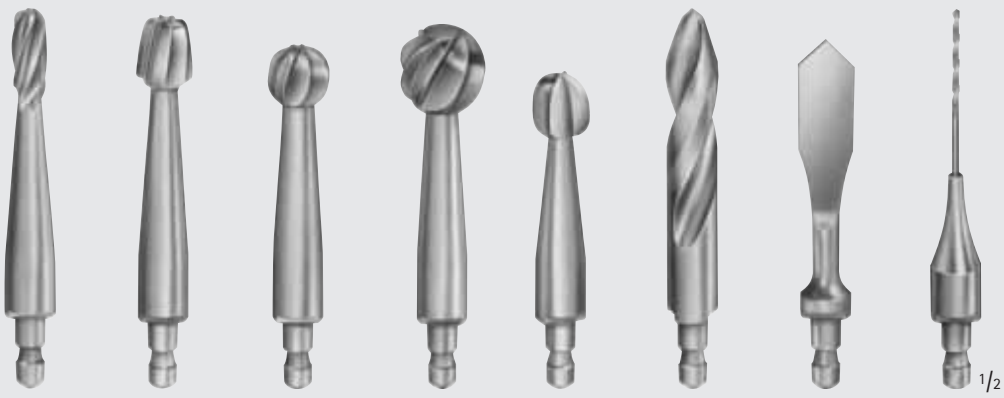
FF056R	Bogen
FF057R	Verlängerungsstück
FF061R	Fräser
FF062R	Fräser
FF063R	Fräser
FF064R	Fräser

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.

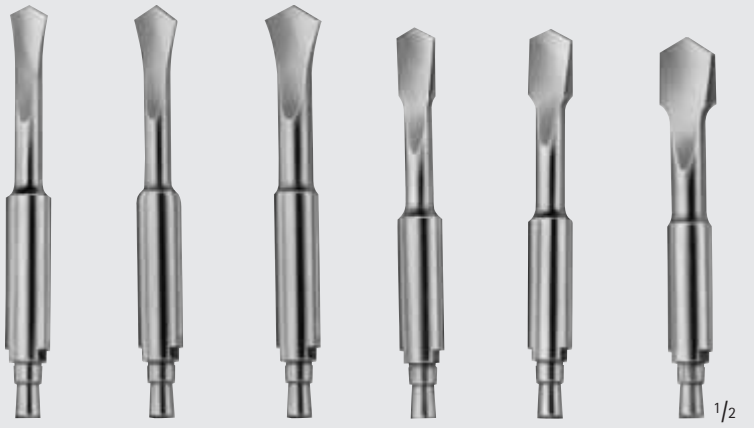
Perforators and burrs on this page fit onto FF056R and FF057R.
Attention: Does not fit onto the hand drill HUDSON DOWNS on page 1053.



HUDSON	HUDSON	HUDSON	HUDSON	ADSON	MC KENZIE	CUSHING	
FF061R	FF062R	FF063R	FF064R	FF065R	FF066R	FF067R	FF068R
Ø 9 mm	Ø 14 mm	Ø 16 mm	Ø 22 mm	Ø 15 mm	Ø 13 mm	Ø 14 mm	Ø 2 mm

HUDSON DOWNS
FF052R
Bogen
Brace

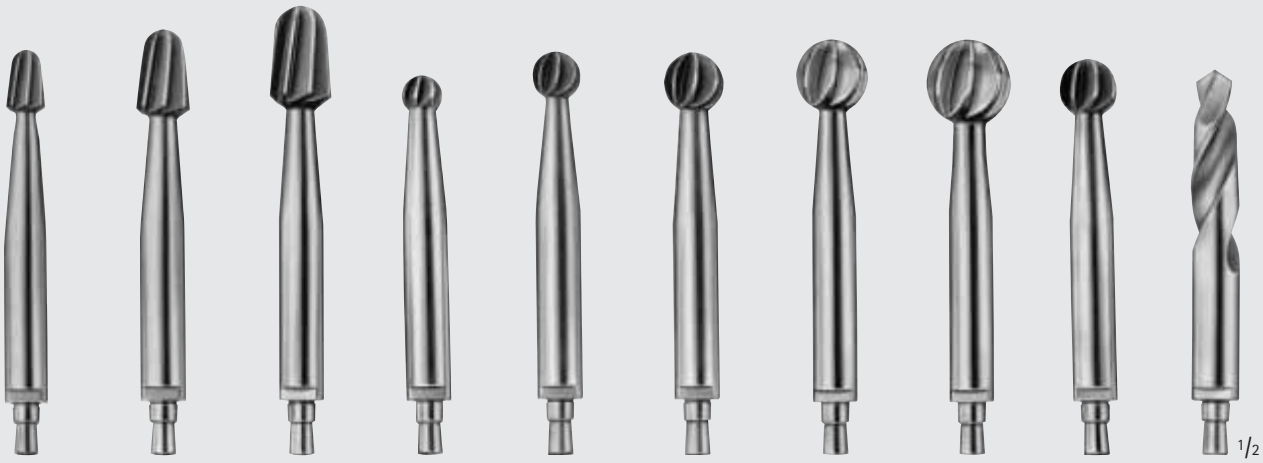
HUDSON DOWNS
FF053R
Verlängerungsstück
Extension piece



HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS (LEWIS)	HUDSON DOWNS (LEWIS)	HUDSON DOWNS (LEWIS)
FF031R	FF032R	FF033R	FF034R	FF035R	FF036R
Ø 10 mm	Ø 12 mm	Ø 15 mm	Ø 10 mm	Ø 12 mm	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	HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS	HUDSON DOWNS	MC KENZIE	MC KENZIE
FF037R	FF038R	FF039R	FF040R	FF041R	FF042R	FF043R	FF044R	FF048R	FF047R
Ø 11 mm	Ø 13 mm	Ø 16 mm	Ø 11 mm	Ø 13 mm	Ø 16 mm	Ø 19 mm	Ø 22 mm	Ø 16 mm	

Drahtextension – Wire extension

Handbohrapparate, Spiralbohrer

Hand Drills, Twist Drills

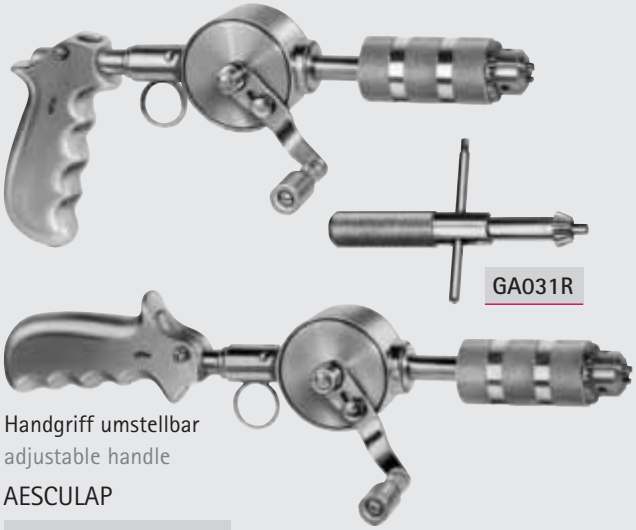
BUNNELL

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"



GA031R

Handgriff umstellbar

adjustable handle

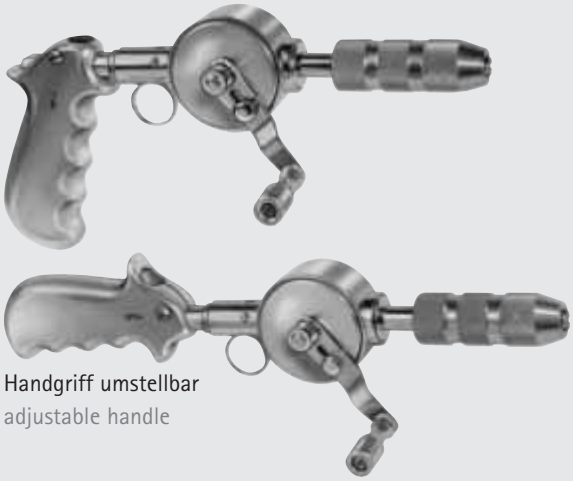
AESCULAP

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

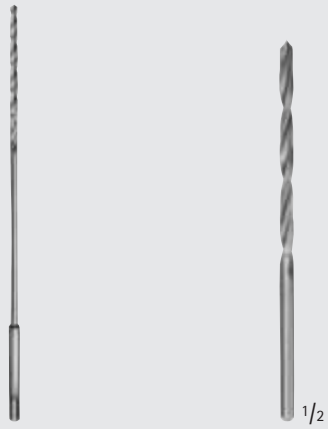
AESCULAP

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

INCHES

CHAMPIONNIÈRE

FR110R

Knochenbohrer

Bone drill

170 mm, 6 3/4"

FR118R

Reibahle

Reamer (Awl)

150 mm, 6"

FR120R

Reibahle

Reamer (Awl)

180 mm, 7"

PERTHES

FR125R

Reibahle

Reamer (Awl)

215 mm, 8 1/2"

Drahtextension – Wire extension

Unterbindungsnadeln

Ligature Needles

OBWEGESER

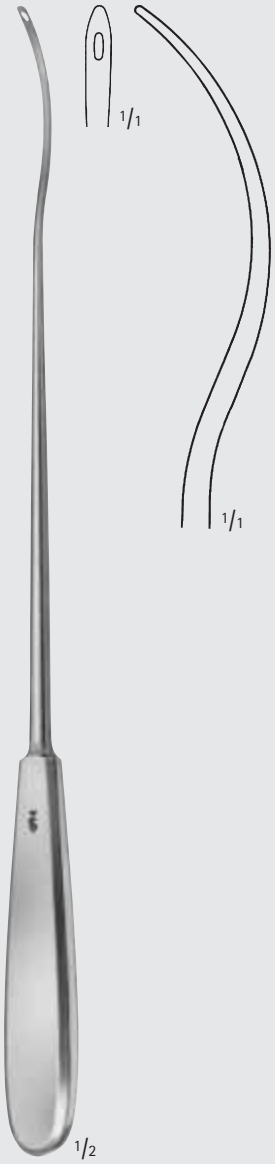
DO811R

230 mm, 9"

OBWEGESER

DO812R

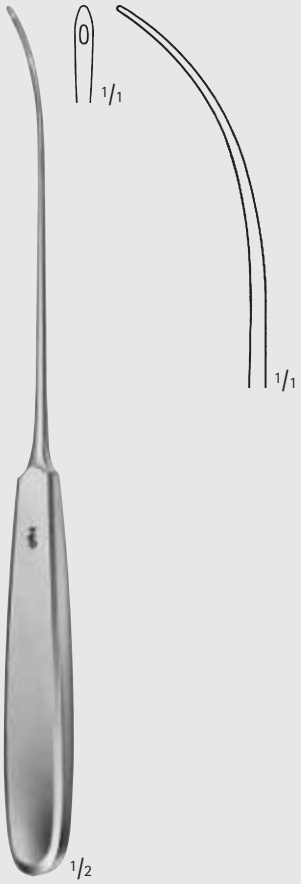
195 mm, 7 3/4"



BRUNNER

BM831R

300 mm, 12"



BM861R

biegsam

malleable

230 mm, 9"

Auch sehr gut geeignet zum Freilegen von abgebrochenen Knochenschrauben.
Can also be used for removal of broken bone screws.

1/2

1/1

FR140R
Innen-Ø 3,9 mm
Außen-Ø 5 mm
inside-diam. 3.9 mm
outside-diam. 5 mm

1/1

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

1/2

R.N.O.H.

FR142R
Knochenbiopsie-Instrument
Bone biopsy trephine
195 mm, 7 3/4"

Drahtextension – Wire extension

Drahtextension

Wire Extension

LX

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17 443 bzw. ISO 5832/I (AISI 316 L)

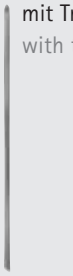
Material used for implants: stainless steel acc. to DIN 17 443 resp. ISO 5832/I (AISI 316 L)

mit beidseitiger Trokarspitze
with trocar point on each end

KIRSCHNER

LX901S–LX957S

Ø diam.	102 mm 4"	127 mm 5"	152 mm 6"	229 mm 9"	305 mm 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

INCHES

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

1/2

LX175S

bis Ø 2,7 mm
up to 2.7 mm diam.
120 mm, 4 3/4"

Dampfsterilisierbar bis 143 °C (3 bar)
Can be sterilized in a steam sterilizer up to 143 °C (3 bar)

1/2

WAGNER

LX180S

bis Ø 3,0 mm
up to 3.0 mm diam.
300 mm, 12"

Bestelleinheit: **PAK** = Packung à 10 Stück
Sales unit: Package of 10 pieces

LX002R 170 x 92 x 25 mm

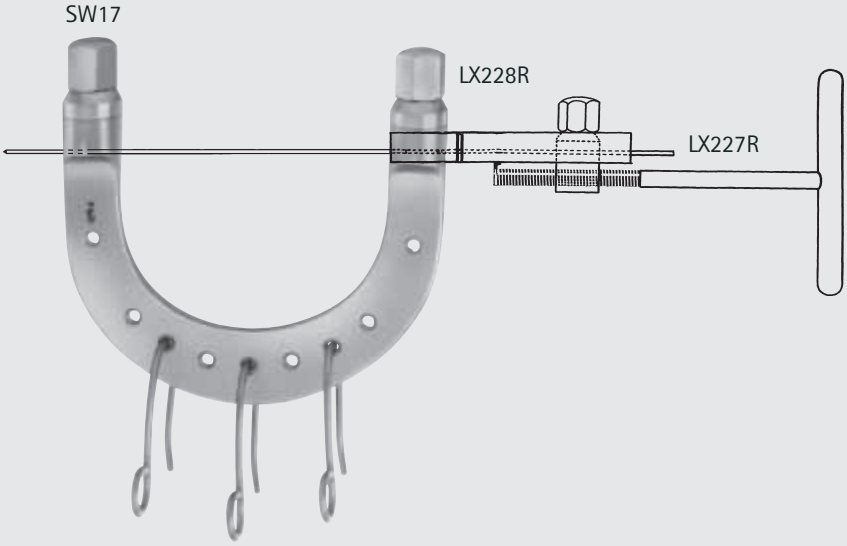
Sortiergestell für Fingerdrähte bis max. 165 mm Länge, mit Kontroll-Lehre und Unterteilungen für Drähte mit 1,0 - 1,2 - 1,4 - 1,6 - 1,8 und 2,0 mm Ø.

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



KIRSCHNER

LX211R–LX218R

Extensionsbügel, zur Verwendung mit KIRSCHNER-Drähten bis Ø 2,5 mm, mit 3 Zughaken, aus nichtrostendem Stahl

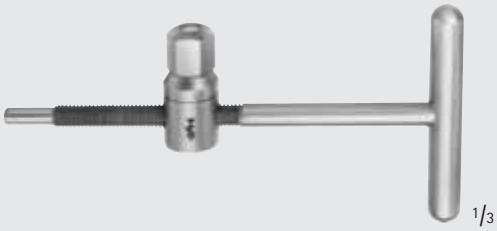
Wire traction bows, to be used with KIRSCHNER-wires up to 2.5 mm diam., with 3 hooks, stainless steel

	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

LX225C

Spannschlüssel für Extensionsbügel LX211R - LX242R

Wrench, double-ended, for wire traction bows LX211R - LX242R



LX227R

Spannschlüssel mit Klemmbacke, zum Spannen des Drahtes

Wire tightener with clamping jaws

LX222R

Zughaken allein, großes Modell

Traction hook only, large size

LX223R

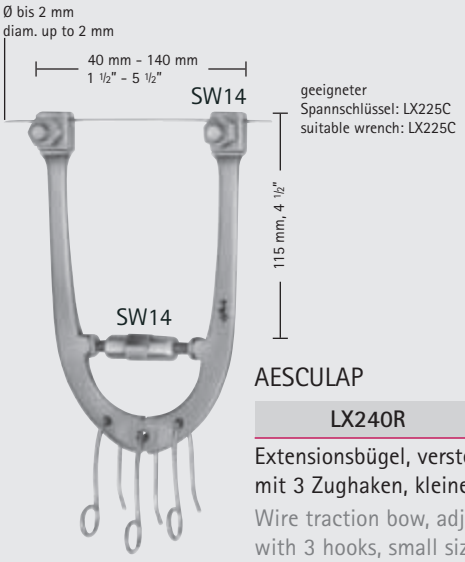
Zughaken allein, kleines Modell

Traction hook only, small size

LX228R

Fixierschlüssel zum Festhalten der Klemmschraube am Spannschlüssel LX227R

Fixation clamp, to secure clamping jaw of LX227R, stainless steel

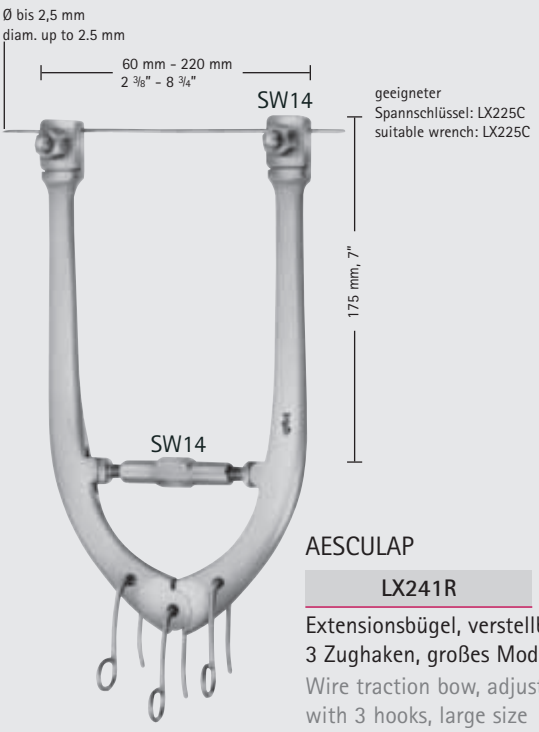


AESCULAP

LX240R

Extensionsbügel, verstellbar, mit 3 Zughaken, kleines Modell

Wire traction bow, adjustable, with 3 hooks, small size



AESCULAP

LX241R

Extensionsbügel, verstellbar, mit 3 Zughaken, großes Modell

Wire traction bow, adjustable, with 3 hooks, large size

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

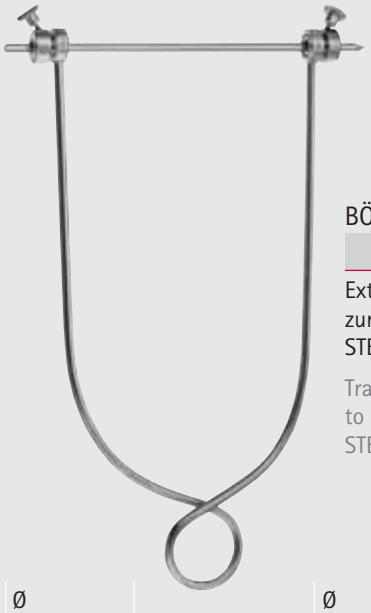
Schraubenzieher für Fixierscheiben

Screw driver for above fixation discs

Drahtextension – Wire extension

Extensionsbügel, Distraktor

Traction Bows, Distractor



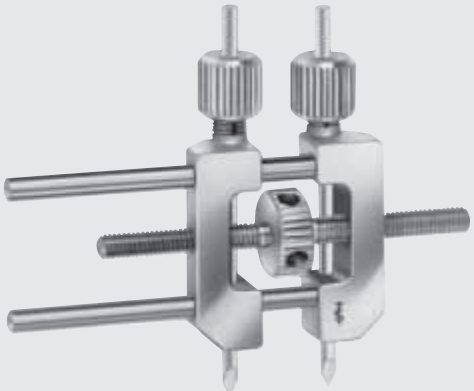
BÖHLER

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 compression of small bones, for wires with 3.0 mm diam.

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

1/1

KX262

Schutzkappe
für STEINMANN-Nägel, Ø 4 mm

Protection cap
for STEINMANN pins, diam. 4 mm

1/1

KX261

Schutzkappe
für STEINMANN-Nägel, Ø 5 mm

Protection cap
for STEINMANN pins, diam. 5 mm

Drahtextension – Wire extension

Handbohrfutter

Drilling Chucks

1/2

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"

1/2

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

1/2

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"

1/2

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

1/2

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"

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

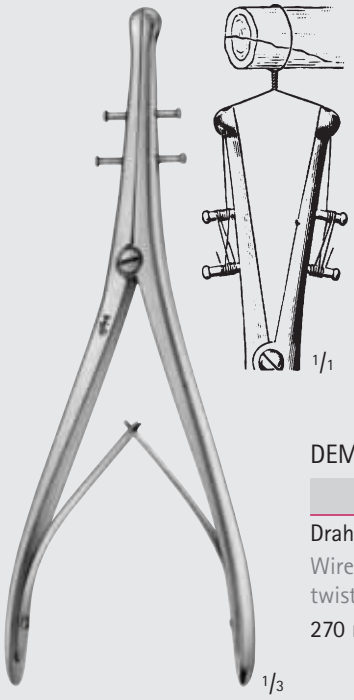
1/1

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"


1/1
1/3

DEMEL

KY225R

Drahtspannzange
Wire tightening- and twisting forceps
270 mm, 10 3/4"

Drahtextension – Wire extension

Cerclage-Instrumente

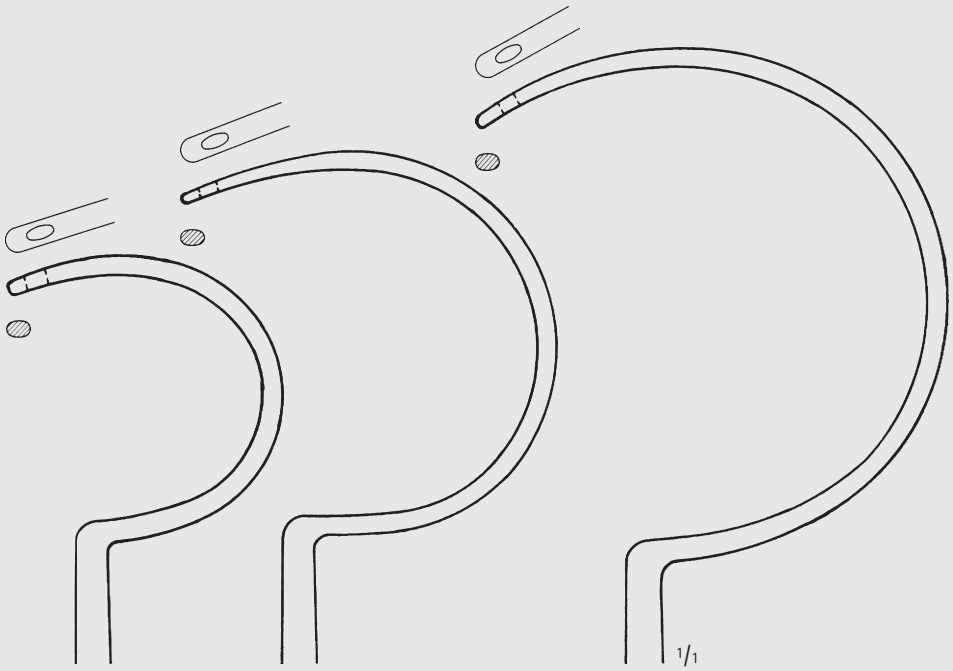
Cerclage Instruments

DEMEL

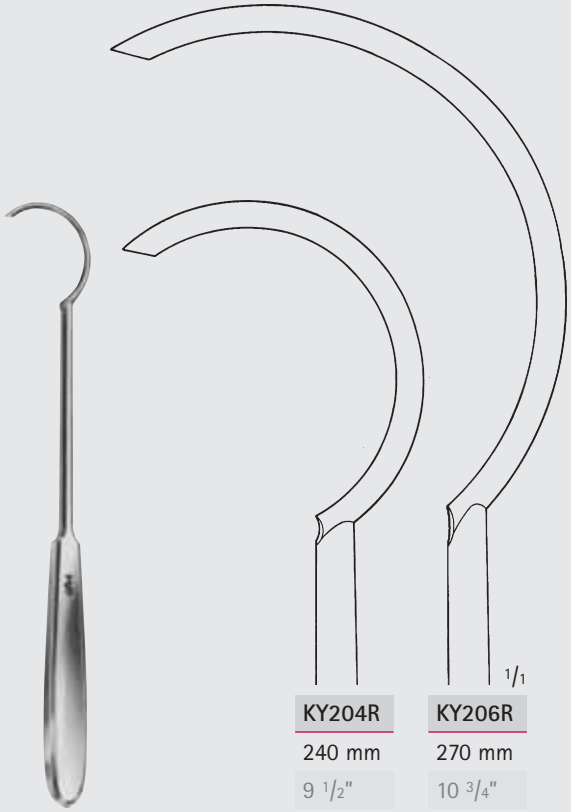
KY201R-KY203R

Drahtumführungsnadeln

Wire guides

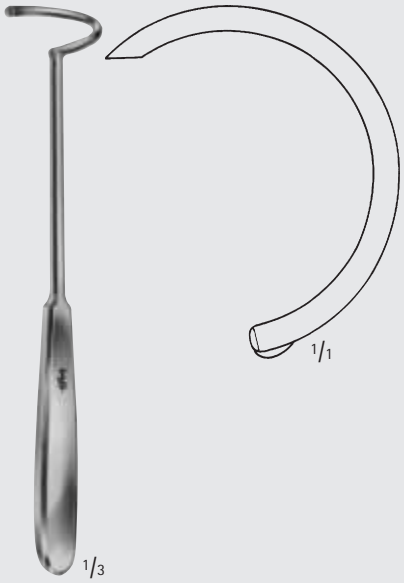


KY201R	KY202R	KY203R
275 mm	285 mm	305 mm
10 3/4"	11 1/4"	12"



KY204R	KY206R
240 mm	270 mm
9 1/2"	10 3/4"

KY204R-KY206R



KY205R

225 mm, 9"

mit Hartmetallbacken
with hard metal inserts

Drahtextension – Wire extension

Drahtfasszangen, Drahtspannzangen
Wire Holding Forceps, Wire Twisters

LX

LX176R

Drahtfasszange mit seitlichen Backen gegen Abrutschen des Drahtes

Holding forceps for cerclage wire, with lateral jaws to avoid wire slipping off

170 mm, 6 3/4"

BM110R

Drahtspannzange, Ligaturzange

Wire twister, Ligature forceps

150 mm, 6"

BM111R

Drahtspannzange, Ligaturzange

Wire twister, Ligature forceps

150 mm, 6"

BAUMGARTNER

BM112R

Drahtspannzange, Ligaturzange

Wire twister, Ligature forceps

200 mm, 8"

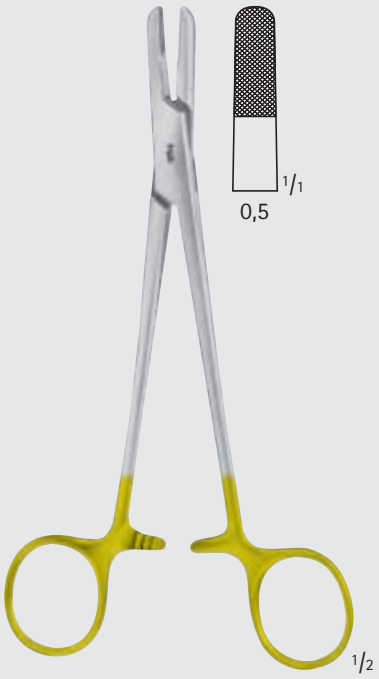
MILLIMETERS

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

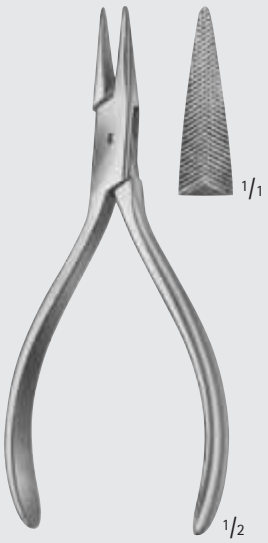
MD456R

Drahtspannzange,
Ligaturzange
Wire twister, ligature forceps
185 mm, 7 1/4"

spezialvergütete Schneiden
specially hardened cutting edges

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"



MARBURG MODELL

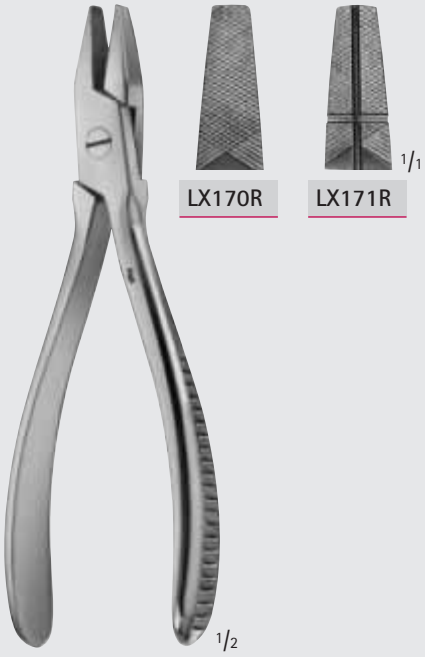
DP031R

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"

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.

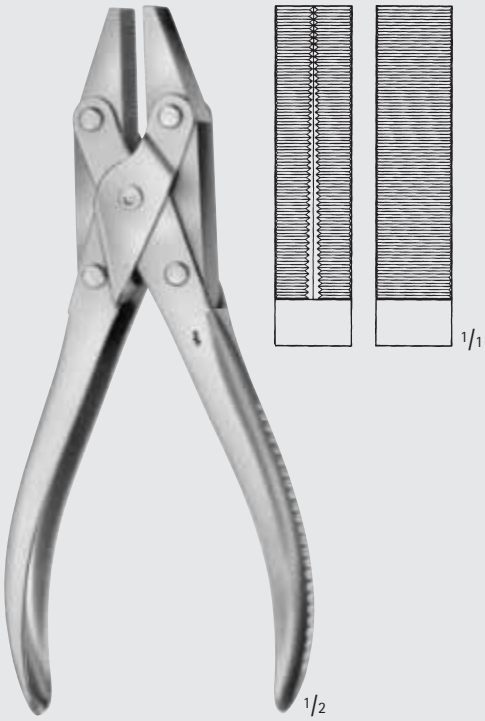
Exposure of grown-in wire ends is possible due to milling ends of the jaws. Profiles of the jaws guarantee absolutely safe gripping of the wire ends.

LX177R	LX178R
130 mm	180 mm
5 1/8"	7"

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"

1/1

LX181R	LX181R	LX185R	LX182R	LX183R
	180 mm	145 mm	180 mm	180 mm
	7"	5 3/4"	7"	7"
	Rundzange Round pliers	Extraktionszangen für Bohrdrähte Extraction pliers for wires		

LX181R–LX185R

1/1

1/2

LX190R

Biegezange für Spickdrähte bis 1,8 mm Ø

Bending pliers for wires up to 1.8 mm diam.

Drahtextension – Wire extension

Drahtschneidezangen und -Scheren

Wire Cutters and Wire Cutting Scissors

ANGLE

DP540R

130 mm, 5 1/8"

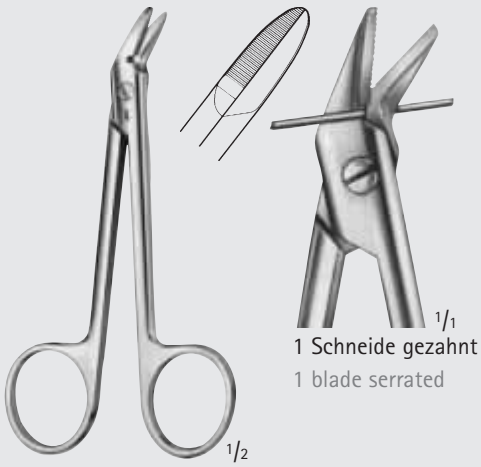
für weichen Draht bis Ø	0,5 mm
für harten Draht bis Ø	0,3 mm
for soft wire up to diam.	0.5 mm
for hard wire up to diam.	0.3 mm

spezialvergütete Schneiden
specially hardened cutting edges

DP541R

130 mm, 5 1/8"

	0,6 mm
	0,4 mm
	0.6 mm
	0.4 mm

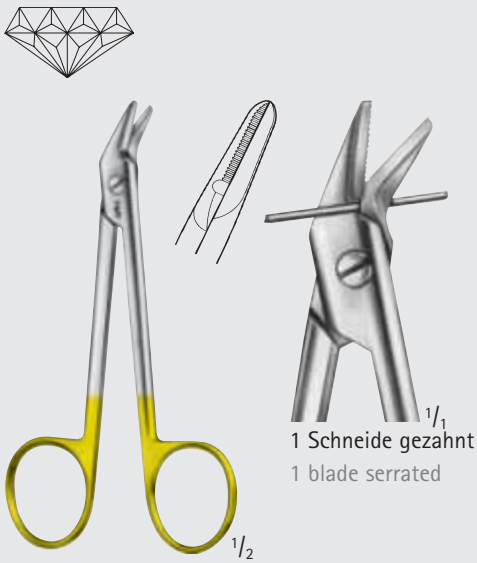


1 Schneide gezahnt
1 blade serrated

DP551R

120 mm, 4 3/4"

für weichen Draht bis Ø	1,2 mm
für harten Draht bis Ø	0,6 mm
for soft wire up to diam.	1.2 mm
for hard wire up to diam.	0.6 mm



1 Schneide gezahnt
1 blade serrated

DP552R

120 mm, 4 3/4"

	1,2 mm
	0,8 mm
	1.2 mm
	0.8 mm

Schneiden gezahnt
Blades serrated

HARVEY

BC815R

125 mm, 5"

für weichen Draht bis Ø	0,4 mm
für harten Draht bis Ø	0,3 mm
for soft wire up to diam.	0.4 mm
for hard wire up to diam.	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	1,5 mm
für harten Draht bis Ø	1,2 mm
for soft wire up to diam.	1.5 mm
for hard wire up to diam.	1.2 mm

spezialvergütete Schneiden
specially hardened cutting edges

DP530R

140 mm, 5 1/2"

	1,5 mm
	1,0 mm
	1.5 mm
	1.0 mm

Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

LX156R

235 mm, 9 1/4"

HARVEY

LX157R

235 mm, 9 1/4"

für weichen Draht bis Ø	3,0 mm	3,0 mm
für harten Draht bis Ø	2,2 mm	2,2 mm
for soft wire up to diam.	3.0 mm	3.0 mm
for hard wire up to diam.	2.2 mm	2.2 mm

	LX149R	LX162R
	abgewinkelte schlanke Form zur Drahtentfernung nach Sternumnaht angled slender pattern for wire removal after sternum suture 170 mm, 6 3/4"	240 mm, 9 1/2"
für weichen Draht bis Ø	0,9 mm	2,5 mm
für harten Draht bis Ø	-	2,0 mm
for soft wire up to diam.	0.9 mm	2.5 mm
for hard wire up to diam.	-	2.0 mm

MILLIMETERS

Drahtextension – Wire extension

Drahtschneidezangen und Seitenschneider

Wire Cutters, Lateral Cutting Action

LX158R

Kopf- und Seitenschneider

Wire Cutters, front- and lateral cutting action

180 mm, 7"

REILL

LX159R

Schneiden gebogen, zum Abzwicken direkt am Knochen

for cutting off wires close to the bone

175 mm, 7"

für weichen Draht bis Ø	2,0 mm	2,0 mm
für harten Draht bis Ø	1,5 mm	1,5 mm
for soft wire up to diam.	2.0 mm	2.0 mm
for hard wire up to diam.	1.5 mm	1.5 mm

1/1

spezialvergütete Schneiden
specially hardened cutting edges

1/2

DP520R
145 mm, 5 3/4"

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

1/1

spezialvergütete Schneiden
specially hardened cutting edges

1/2

LX150R
145 mm, 5 3/4"

2,0 mm	
1,5 mm	
2.0 mm	
1.5 mm	

1/1

spezialvergütete Schneiden
specially hardened cutting edges

1/2

LX152R
220 mm, 8 3/4"

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

1/1

spezialvergütete Schneiden
specially hardened cutting edges

1/2

LX163R
165 mm, 6 1/2"

3,5 mm	
2,5 mm	
3.5 mm	
2.5 mm	

Drahtextension – Wire extension

Drahtschneidezangen

Wire Cutting Pliers

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 3/4"

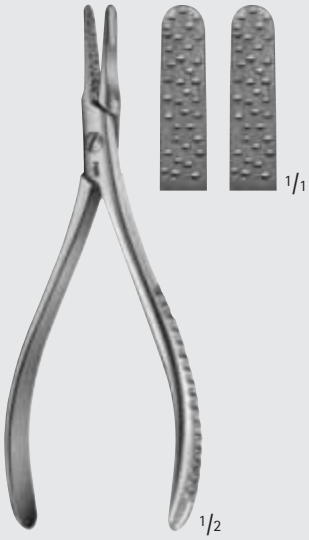
1/3

LX164R

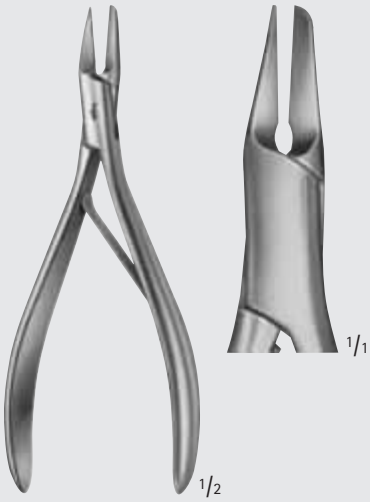
Bolzenschneider zum Abzwicken von KIRSCHNER-Drähten, Tibia-Kopf-Schrauben und Nägeln bis 6 mm Ø

Cutter for cutting off KIRSCHNER wires, tibia head screws, bolts, pins, up to 6 mm diam.

470 mm, 18 1/2"



FO903R
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"

FO901R
Ersatz-Sägeblatt
Spare blade

FO900R
Fingerringsäge
Finger ring saw
150 mm, 6"

LX

Gips-Instrumente
Plaster Instruments

Gips-Instrumente – Plaster Instruments

Gips-Instrumente
Plaster Instruments

ESMARCH

LX505R

Gipsmesser
Plaster knives
180 mm, 7"

ENGEL

LX522C

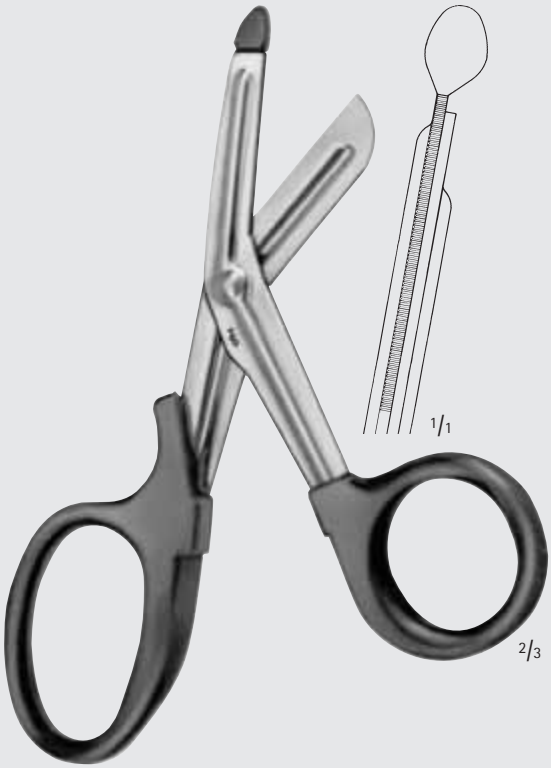
Gipssäge
Plaster saw
150 mm, 6"

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"



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"

LX548R

für kleine Gipsverbände

for small plaster dressings

160 mm, 6 1/4"

ESMARCH

LX550R	200 mm	8"
LX552R	230 mm	9"

BERGMANN

LX553R

230 mm, 9"

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"

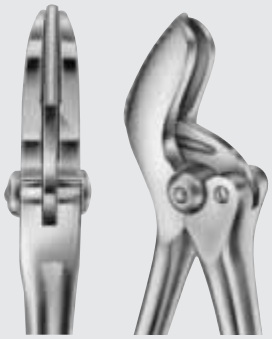
Besondere Vorteile:

- 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-AESCULAP

LX574R

260 mm, 10 1/4"

STILLE-AESCULAP

LX575R

360 mm, 14 3/8"

LX

1/3

STILLE

LX582R

230 mm, 9"

1/3

STILLE

LX587R

Messer mit verstärktem Rücken

Blade with reinforced back

370 mm, 14 2/3"

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

GF

Sauginstrumente
Suction Instruments

Sauginstrumente – Suction Instruments

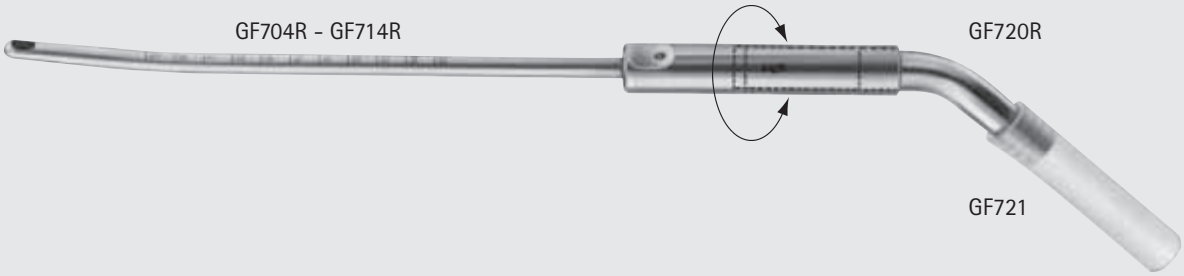
Vakuumküretten

Vacuum Curettes

Kanülen zur Vakuumkürettage mit Graduierung und Saugunterbrecher

Curettes with graduation and suction interrupter, for vaccum curettage

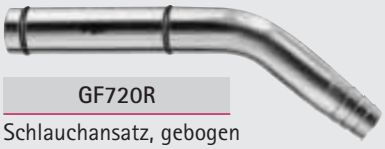
	Ø diam.
GF704R	4 mm (zur Saugbiopsie geeignet) (suitable for suction biopsie)
GF706R	6 mm
GF708R	8 mm
GF710R	10 mm
GF712R	12 mm
GF714R	14 mm



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

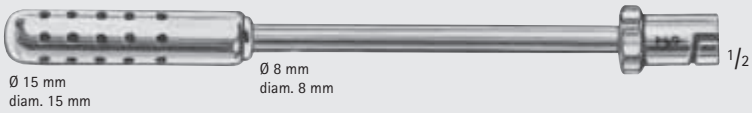
Saugschlauch, transparent, 1,8 m lang, Innen-Ø 11 mm, Außen-Ø 16,5 mm, sterilisierbar im Autoklav bei 143 °C (3 bar)

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

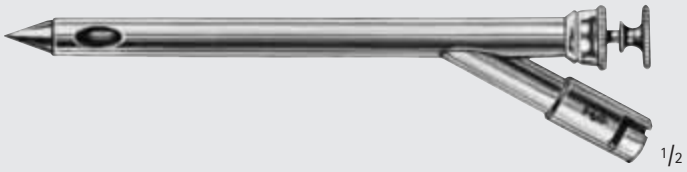
Gewebe-Auffangsieb aus Kunststoff, **zum Einmalgebrauch** für die histopathologische Untersuchung.

Strainer for tissue, plastic, **for single use only**, to be used for histopathological examination.



GF805C

zum Ableiten großer Flüssigkeitsmengen
for clearing large quantities of fluid
190 mm, 7 1/2"



GF806C

Trokar, zum Punktieren
Trocar, for puncturing
170 mm, 6 3/4"

mit Renk-Verschluss
passend auf den Sauggriff
GF801C
with bayonet fitting to be
used with suction handle
GF801C

GF809C

doppelt gebogen, für Allgemein-Chirurgie
double curved, for general surgery
230 mm, 9"

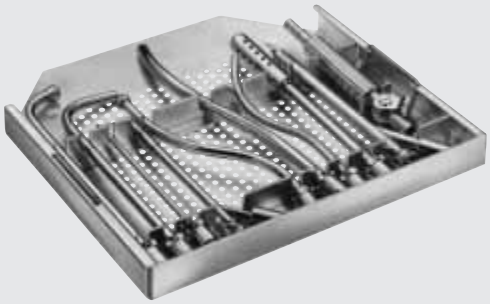
Olive Ø 8 mm
olive diam. 8 mm

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

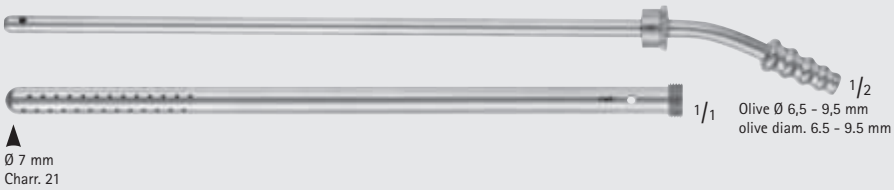
Alu-Lagerungsrack allein, ohne Instrumente, passend in Basis Container, bestehend aus Bodenteil JK339 und Deckel JK399

Aluminium rack only, without instruments, fitting into Basis Container, consisting of container body JK339 and lid JK399

265 x 250 x 30 mm

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

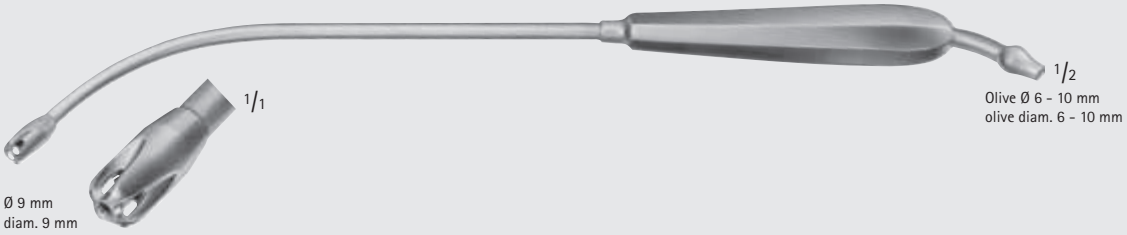
GF944R

mit zentraler Bohrung, Ø 2,0 mm
with central bore, 2.0 mm diam.
285 mm, 11 1/4"

Sauginstrumente – Suction Instruments

Sauginstrumente

Suction Instruments



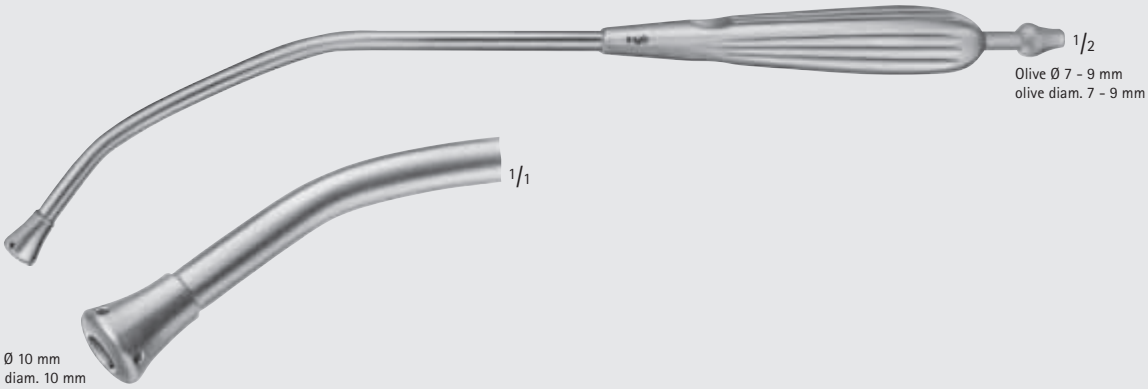
DE BAKEY

GF946R

mit zentraler Bohrung, Ø 3,0 mm und seitlichen Schlitzen

with central bore, 3.0 mm diam. with lateral slots

275 mm, 10 3/4"



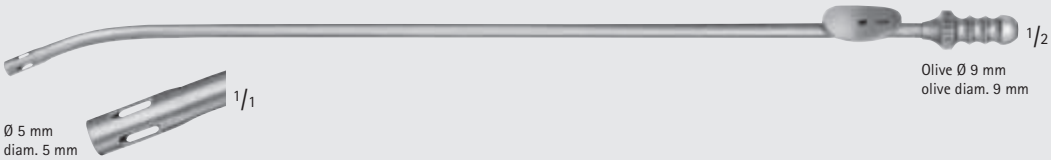
YANKAUER

OM671R

mit besonders großer zentraler Bohrung, Ø 4,8 mm

with especially large central bore, 4.8 mm diam.

285 mm, 11 1/4"



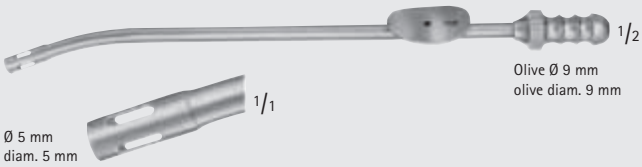
DE BAKEY

GF948R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet

270 mm, 10 3/4"



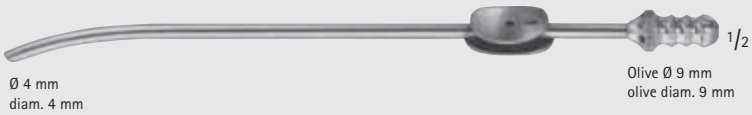
DE BAKEY

GF947R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet

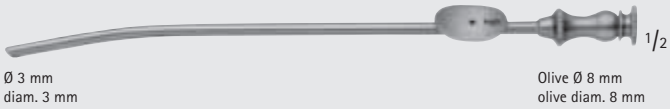
160 mm, 6 1/4"



ADSON

GF917R

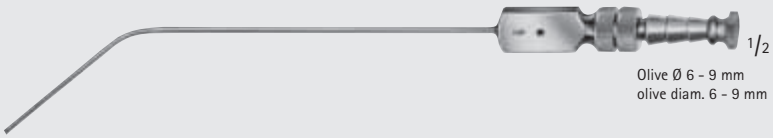
mit Saugunterbrecher
with finger cut-off
190 mm, 7 1/2"



ADSON

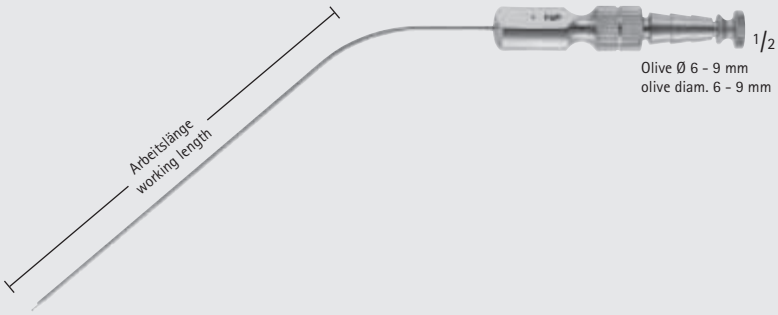
GF918R

mit Saugunterbrecher und Mandarin
with finger cut-off and stylet
165 mm, 6 1/2"



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"

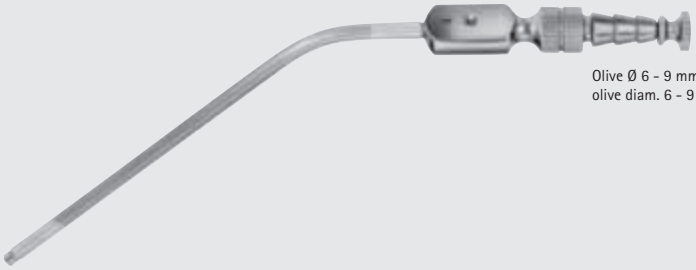
	Ø diam.
GF939R	1,5 mm
GF940R	2,0 mm
GF941R	2,5 mm
GF942R	3,0 mm
GF355R	5,0 mm



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

GF



FERGUSSON

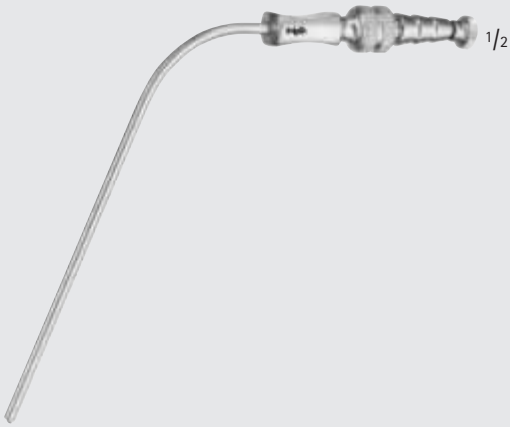
GF933R	Ø diam. 4,0 mm

isoliert, mit Saugunterbrecher und Mandrin, Griffplatte 90° zur Biegung, LUER-Bohrung
isulated, with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
180 mm, 7"

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

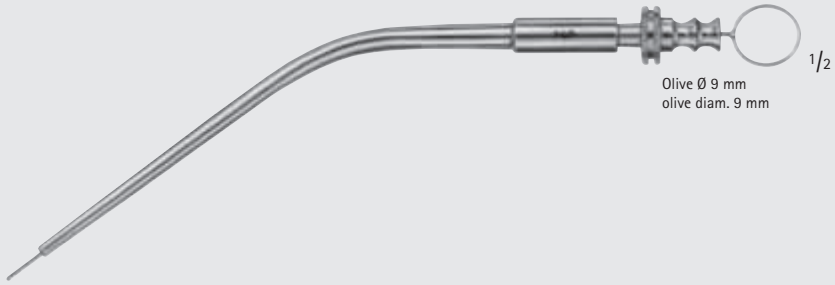
mit Saugunterbrecher und Mandrin, Griffplatte 90° zur Biegung, LUER-Bohrung
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
110 mm, 4 1/4"

INCHES

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"

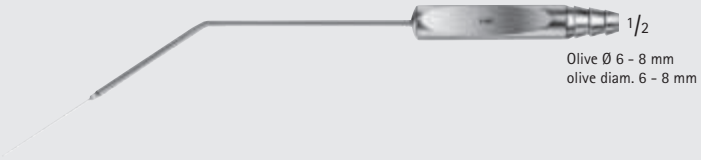
SCHUHKNECHT

	Ø diam.	Ø diam.
GF756R	20 swg	1,0 mm
GF757R	24 swg	0,5 mm

Saugkanülen
Suction cannulae
130 mm, 5 1/8"

Sauginstrumente – Suction Instruments

Sauginstrumente
Suction Instruments

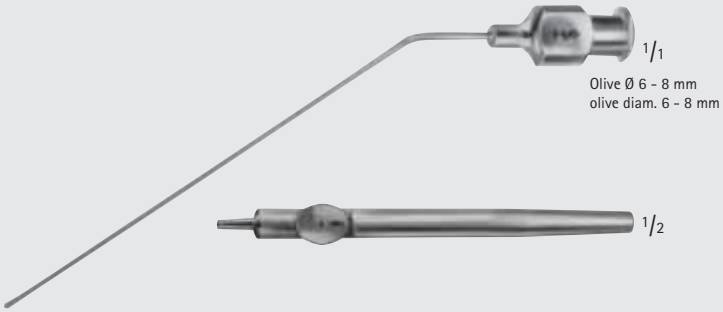


WULLSTEIN

OG960R

Mikro-Absaugrohr komplett, bestehend aus:
Micro suction tube, complete, consisting of:

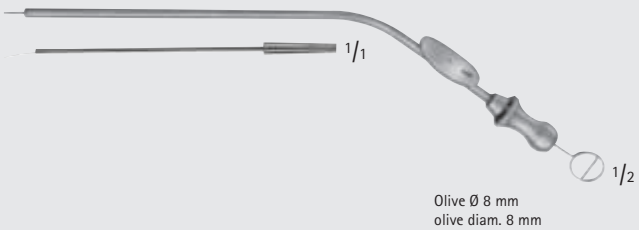
OG961R	Absaugrohr mit LUER-Bohrung	Suction tube with LUER hub
OG962R	Mikro-Saugkanüle, Ø 0,4 mm	Micro suction cannula, 0.4 mm diam.
OG963R	Mikro-Saugkanüle, Ø 0,6 mm	Micro suction cannula, 0.6 mm diam.
OG964R	Mikro-Saugkanüle, Ø 0,8 mm	Micro suction cannula, 0.8 mm diam.



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.	

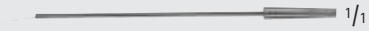
ZOELLNER

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"

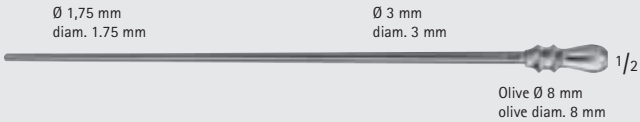
HOUSE

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"

Sauginstrumente – Suction Instruments

Sauginstrumente
Suction Instruments

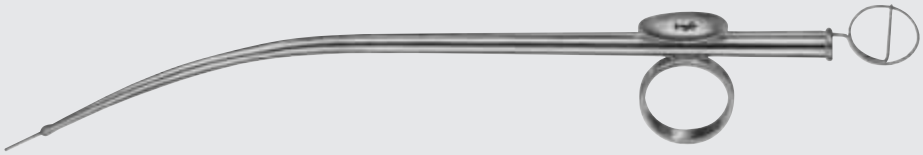
1/2

Olive Ø 8 mm
olive diam. 8 mm

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"



1/2

MAGILL

	Ø diam.
GF906R	3,0 mm
GF907R	3,5 mm
GF908R	4,0 mm

245 mm, 9 3/4"

GF909R

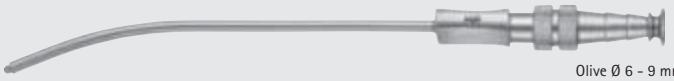
Reinigungsdraht zu MAGILL-Saugkanülen
Stilette for MAGILL suction tubes

1/2

Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

	Ø diam.	Spitzenbreite Tip width
GF919R	5,0 mm	6,5 mm

Nasensaugrohr, LUER-Bohrung
Nasal suction tube, with LUER hub
180 mm, 7"

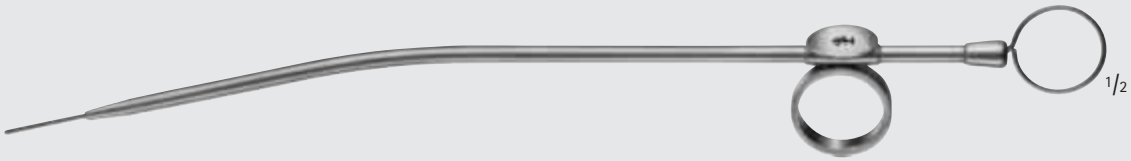


Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

GILLIES

	Ø diam.
OL187R	3,0 mm

mit Saugunterbrecher und Mandrin
with finger cut-off and stylet
170 mm, 6 3/4"



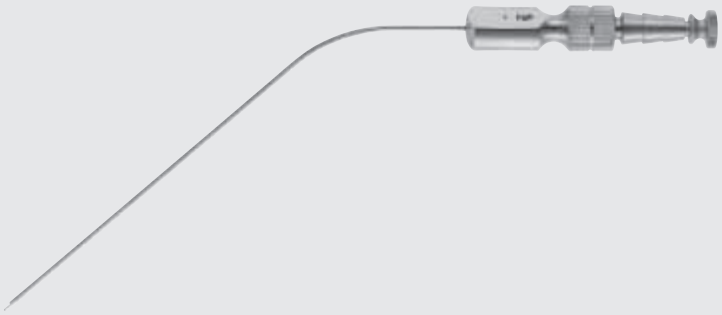
ROWBOTHAM

OM672R

mit Mandrin
with stylet
295 mm, 11 3/4"

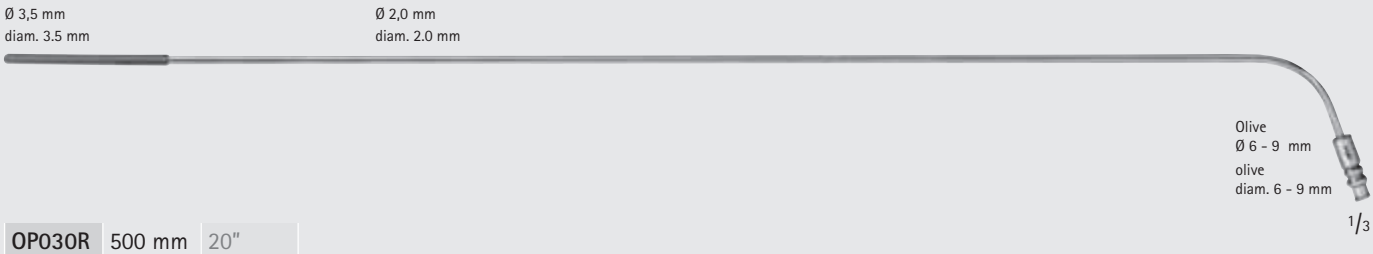
Sauginstrumente – Suction Instruments

Sauginstrumente
Suction Instruments



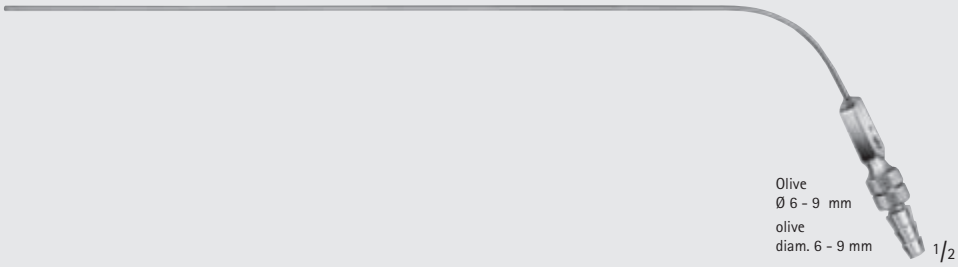
FERGUSSON

Ø diam.	Länge Length 130 mm	Länge Length 160 mm	Länge Length 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



OP030R	500 mm	20"
OP031R	350 mm	14"

mit Gummispitze, mit LUER-Bohrung
with rubber tip, with LUER hub



	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"

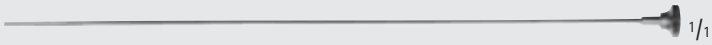
Olive Ø 6 mm
olive diam. 6 mm

NEGUS

OL177R

Saugdissektor
Suction dissector
210 mm, 8 1/4"

Olive Ø 6 - 10 mm
olive diam. 6 - 10 mm



GORNEY

OL168R

Saugdissektor
Suction dissector
180 mm, 7"

Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

	breit wide
OL195R	4 mm
OL196R	5 mm

Saugraspatorium, scharf, bajonettförmig gebogen, mit Mandarin
Suction raspatories, sharp, bayonet-shaped, with stylet
200 mm, 8"

Olive Ø 6 - 9 mm
olive diam. 6 - 9 mm

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"

Olive Ø 9 mm
olive diam. 9 mm

LOPEZ-REINKE

OM670R

Tonsillendissektor mit Absaugvorrichtung
Tonsil dissector with suction device
235 mm, 9 1/4"

Sauginstrumente – Suction Instruments

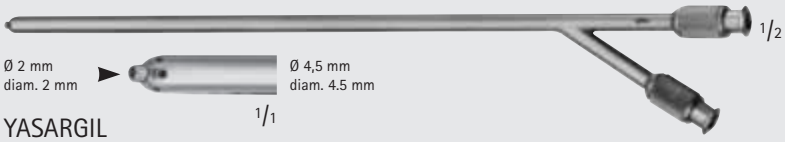
Kombinierte Saug- und Spülkanülen

Combined Suction- and Irrigation Cannulae

FINSTERER

GF867C

320 mm, 12 3/4"



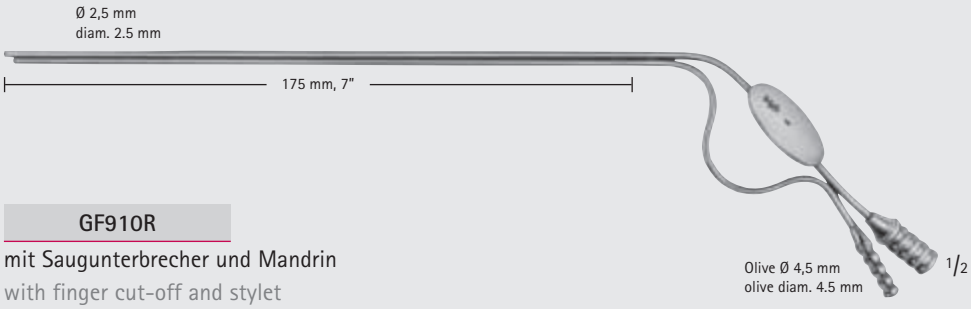
YASARGIL

GF905R

LUER-LOCK-Konus

LUER-LOCK cone

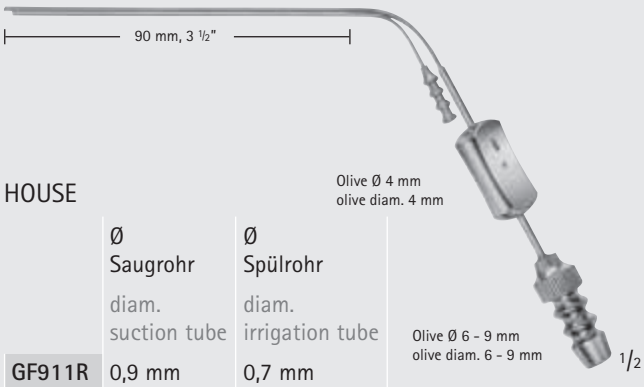
200 mm, 8"



GF910R

mit Saugunterbrecher und Mandrin

with finger cut-off and stylet

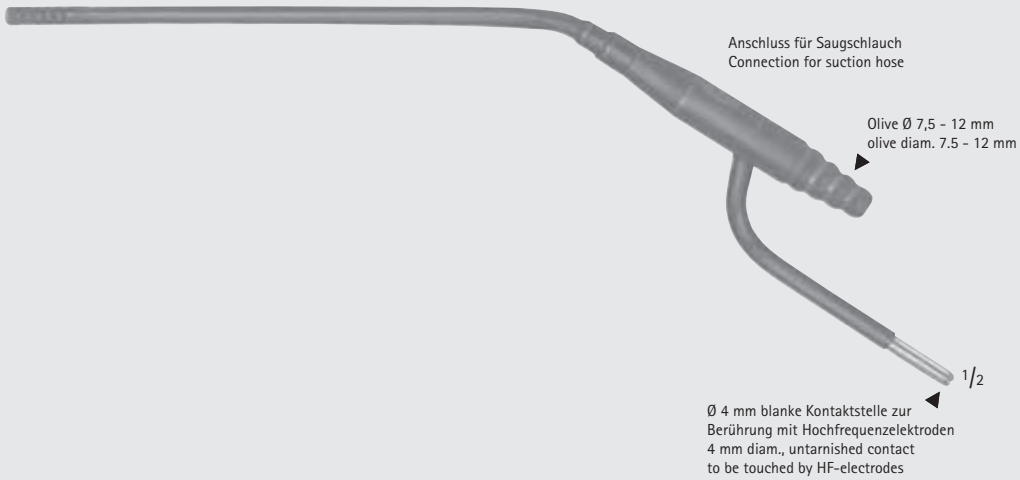


HOUSE

	Ø Saugrohr diam. suction tube	Ø Spülrohr diam. irrigation tube
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



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 ut to 143 °C (3 bar)

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"

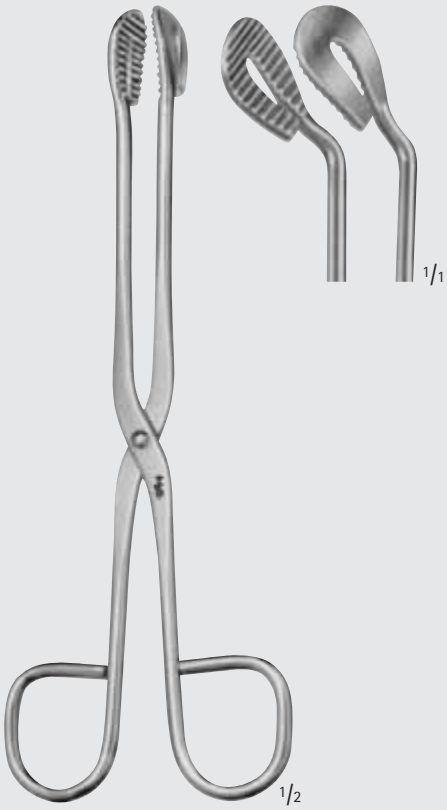
Nierenschalen

Kidney trays

CHEATTLE

JG820R

280 mm, 11"



JG822R

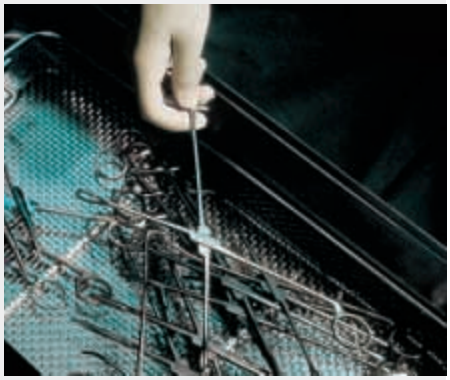
210 mm, 8 1/4"

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.
- Schlussspülung 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.
- Schlussspülung 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 Ölspray 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.

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.

Empfohlene Produkte

STERILIT®
JG600

Aesculap Ölspray in Sprühdose (FCKW-frei), zur Instrumentenpflege vor der Sterilisation. Physiologisch unbedenklich nach DAB und § 31 LMBG.

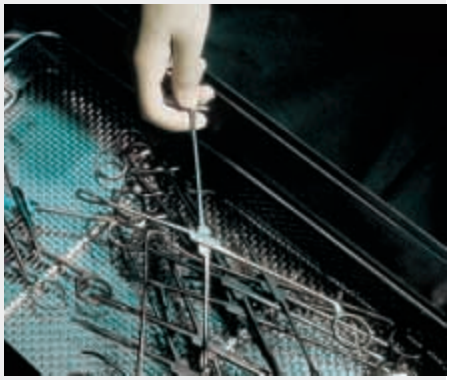
STERILIT®
JG598

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

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 dismantleable instruments.
- Preferably dry removal troy 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.

- 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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