THORAX, CARDIOVASCULAR SURGERY CATALOGUE



SURTEX
INSTRUMENTS

Crafted to Excellence

Cardiovascular Instruments ▪ Herz - Kreislauf - Instrumente ▪ Instrumentos cardiovasculares
Instruments cardiovasculaires ▪ Strumenti cardiovascolari

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INTRODUCTION TO THE CATALOGUE

Thank you for your interest in Surtex thoracic and cardiovascular instruments. We remain committed to providing the highest quality products and customer service.

In this special catalogue you will find a comprehensive range of thoracic and cardiovascular instruments, which have been developed following detailed consultation with leading cardiovascular surgeons. These instruments in conjunction with Surtex General Instruments provides complete solution for thoracic, cardiovascular and organ implant surgeries.

We appreciate your patronage and look forward to a successful relationship with you.

ABOUT SURTEX INSTRUMENTS

Surtex Instruments is a privately owned medical technology company dedicated to innovation and excellence in crafting of surgical instruments. The company started as a specialist in reconstructive surgery instruments and based on its success and innovative drive gradually expanded to cover a vast range of surgical instruments.

We now manufacture over 8,000 surgical instruments and offer innovative solutions in trauma, gynecology, cardiovascular, microsurgery and dental surgery. All our products are available to view online where you can download our entire range of catalogues or request a printed version.

SURTEX QUALITY STANDARDS

In European Union medical devices are subject to a series of uniform laws and the EC directive places rigid demands on surgical instruments. Surtex Instruments is proud to claim that we have always surpassed the legal requirements to ensure that each instrument reaching the surgeons hand is indeed a testament to surgical craftsmanship.

We are BS EN ISO 13485:2016 (SGS UK) certified and CE approved to ensure compliance with the standards defined in line with medical devices directive 93/42/EEC.



WHY IS SURTEX FOCUSED ON INSTRUMENTS QUALITY?

Surgeons are highly talented and skilled individuals. They operate under significant time constraints and are required to make split second decisions while performing complex operations. At Surtex we understand that in such a scenario the surgeon requires tools that are not just fit for the purpose but are reliable, dependable and crafted by a company that has a track record for relentless pursuit for excellence in the making of surgical instruments.



AFFORDABLE QUALITY

Surgical instruments represent a significant proportion of hospital's total assets. Hospitals and health centers are often required to minimize costs of surgical instruments without impacting quality or patient's health. Decision makers tend to respond via group purchasing contracts & multiple quotes to shop around for the lowest price. However this approach has significant drawbacks as numerous instrument companies have focused towards competing on price alone with a disregard towards instruments quality while claiming their instruments to be guaranteed and free of defect.

The outcome for the buyer being a perceived notion of a quality instrument, which is actually little more than a knock-off and delivers only poor value for money.

At **Surtex Instruments** our success has been based on helping customers navigate successfully through the instrument procurement process by identifying real value for money through fair comparison. We believe that quality should be affordable and you should not pay too much for over priced brands and neither should you pay too much for a low quality instrument.

LIFE TIME WARRANTY

We encourage our customers to calculate lifetime costs prior to making purchase decisions and investing in surgical instruments.

Surtex Instruments are guaranteed for life* against manufacturing defects of material and workmanship. This means we will repair or replace free of charge any surgical instrument that does not meet its functional requirements when used for its intended purpose and maintained properly.

A member of the ABHI
ABHI Health Tech For Life

*Conditions apply.

OUR PRODUCT BRANDS

Introducing the INFINEX™ line by Surtex Instruments: a new era in surgical precision. Crafted by experts using advanced, computer-controlled techniques, our specialized instruments for cardiovascular, neuro, micro, and plastic surgeries set a new standard in excellence. The INFINEX™ Micro Needle Holders and Forceps are engineered in both stainless steel and titanium, featuring our exclusive Magna™ needle grip. This technology ensures a stable, rotation-free hold, giving surgeons maximum control during suturing and tissue handling. Our unique needleholder twisted boxlock design minimizes the risk of suture snagging.Our microscissors are precision-made from the finest surgical-grade stainless steel. Each pair is meticulously hand-ground to ensure sharp, smooth cuts on the most delicate vascular and tissue structures.The titanium range of our collection is about 50% lighter than traditional stainless steel, significantly reducing surgeon fatigue during lengthy procedures. These instruments are atraumatic, antimagnetic, and as easy to maintain as stainless steel. For quick recognition, all our titanium tools are distinctively anodized in blue.

Introducing the MAGNA™ coated instruments from the prestigious INFINEX Line - the pinnacle of surgical precision and mastery. This advanced coating envelops tips and jaws with an ultra-hard, textured layer of tungsten carbide particles, creating an almost diamond-like finish that enhances grip and durability. MAGNA coated instruments provide definite control without trauma to tissue or damage to needles during delicate cardiovascular, neurological, plastic and microsurgeries, empowering surgeons with uncompromising performance. Experience unparalleled longevity as the MAGNA coating withstands repeated sterilizations. Elevate your surgical outcomes with the exceptional MAGNA coating's unique properties.

SUPEREDGE™ Scissors Discover the cutting-edge precision of Surtex's SUPEREDGE™ scissors, meticulously crafted for the discerning surgeon. With micro-serrated blades that securely grip tissues and prevent slippage, and an ultra-sharp edge for clean, atraumatic cuts, these scissors are designed to enhance surgical performance, reduce procedure time, and minimize tissue trauma. Elevate your surgical efficiency with the premium choice in surgical excellence, easily identified by distinctive black ring handles.

ULTRACUT™ Instruments Experience the high-performance tungsten carbide (TC) inserts of ULTRACUT instruments, providing unmatched longevity and precision. These instruments maintain their sharp edge through extensive use, dramatically reducing the need for frequent sharpening. Perform clean, precise actions with minimal effort, which minimize tissue trauma and accelerate healing. Boasting superior corrosion resistance, ULTRACUT ensures durability even in rigorous sterilization environments, optimizing surgical outcomes and reducing operational costs. Identify these premium tools by their distinctive gold handles.

XTS CUT™ Scissors Experience unmatched precision and durability with XTS CUT scissors from Surtex, the pinnacle of our surgical instrument innovation. By integrating features from our leading SUPEREDGE™ and ULTRACUT™ technologies, these scissors offer the ultimate in surgical precision. The dual-colored handles, one black and one gold, symbolize the fusion of micro-serrated blades for secure tissue grip and tungsten carbide inserts for lasting sharpness. Perfect for surgeons aiming to reduce procedure time and enhance tissue recovery, XTS CUT is your top choice for reliability and performance in demanding surgical environments.

ULTRAGRIP™ Instruments Appreciate ULTRAGRIP's precision, meticulously engineered for surgical excellence. Each jaw insert is crafted from tough, wear-resistant tungsten carbide, providing a precise, sharp, and well-defined point for superior gripping properties. Enhanced by diamond-lapping on the reverse side to a specific thickness, this process ensures a clean, flat surface ideal for precise brazing. Throughout the rigorous stages of production, meticulous care ensures the highest quality, providing surgeons with unmatched reliability and performance. Trust ULTRAGRIP for defining precision in every procedure, easily recognized by its distinctive gold handles.

CURRENT REFERENCE STANDARDS FOR SURTEX PRODUCTS

Standard / Regulation	Details of Standard / Regulation	Date of Issue
REGULATION (EU) 2017/745	REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 on medical devices, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/EEC and 93/42/EEC	05-05-2017
EN ISO 13485:2016+A11	Medical devices; Quality management systems - Requirements for regulatory purposes	2021-09
EN ISO 14971	Medical devices - Application of risk management to medical devices	2019-12
ISO 7153-1	Surgical instruments - Materials Metals	2016-10
BS EN 10088-1	Stainless steels List of stainless steels	2014-10
ISO 15223-1	Medical devices Symbols to be used with information to be supplied by the manufacturer Part 1: General requirements	2021-07
BS EN ISO 10993-1	Biological evaluation of medical devices Evaluation and testing within a risk management process	2020-12
ISO 10993-5	Biological evaluation of medical devices Part 5: Tests for in vitro cytotoxicity	2009-06
BS EN ISO 10993-10	Biological evaluation of medical devices Tests for skin sensitization	2023-02
BS EN ISO 10993-18:2020+A1	Biological evaluation of medical devices Chemical characterization of medical device materials within a risk management process	2023-07
BS EN ISO 13402	Surgical and dental hand instruments. Determination of resistance against autoclaving, corrosion and thermal exposure	2001-03
ISO 17664-1	Processing of health care products Information to be provided by the medical device manufacturer for the processing of medical devices Part 1: Critical and semi-critical medical devices	2021-07
ISO 17665-1	Sterilization of health care products Moist heat Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices	2006-08
ISO 20417	Medical devices. Information to be supplied by the manufacturer	2021-12
IEC 62366-1	Medical devices - Part 1: Application of usability engineering to medical devices	2015-02
ISO 7151	Surgical Instruments Non-cutting, articulated instruments - General requirements and test methods	1988-12
BS EN ISO 9173-1	Dentistry. Extraction forceps General requirements	2016-12
ISO 7741	Instruments for surgery Scissors and shears - General requirements and test methods	1986-02

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Scalpel Handles
Skalpellgriffe
Mangos de bisturies
Manches pour bistouris
Manici per bisturi





SL-010-03
Scalpel Handle # 3
Solid
Overall Length
12 cm (4 ¾")



SL-010-04
Scalpel Handle # 4
Solid
Overall Length
13.5 cm (5 ¾")



SL-012-03
Scalpel Handle # 3
Solid, CM Graduation
Overall Length
12 cm (4 ¾")



SL-020-13
Scalpel Handle # 3L
Solid, Long
Overall Length
21.5 cm (8 ½")



SL-020-14
Scalpel Handle # 4L
Solid, Long
Overall Length
21 cm (8 ¼")

Scalpel Handles
Skalpellgriffe
Mangos de bisturies
Manches pour bistouris
Manici per bisturi



SL-021-13
Scalpel Handle # 3L
Solid, Angled, Long
Overall Length 21 cm (8 ½")



SL-021-14
Scalpel Handle # 4L
Solid, Angled, Long
Overall Length 21 cm (8 ¼")

Scalpel Handles
Skalpellgriffe
Mangos de bisturies
Manches pour bistouris
Manici per bisturi





SL-030-07
Scalpel Handle # 7
Solid, Also Known as 5
Overall Length 16 cm (6 ¼")



SL-030-17
Scalpel Handle # 7K
Solid, Short
Overall Length 12.5 cm (5")



SL-032-08
Collin Scalpel Handle # 8
With Hollow Handle
Overall Length 13.5 cm (5 ¼")



SL-032-09
Collin Scalpel Handle # 9
With Hollow Handle
Overall Length 14.5 cm (5 ¾")

Scalpel Handles
Skalpellgriffe
Mangos de bisturies
Manches pour bistouris
Manici per bisturi



SL-050-03
Scalpel Handle # 3
With Round Hollow Handle
Overall Length 15.5 cm (6")



SL-052-03
Scalpel Handle # 3
With Round Handle
Overall Length 14.5 cm (5 ¾")



SL-053-03
Scalpel Handle # 3
Solid, Round Handle, Angled
Overall Length 14 cm (5 ½")



SL-056-03
Kaye Scalpel Handle # 3
Solid, Round Handle
Overall Length 15 cm (6")

Scalpel Blades
Skalpellklingen
Hojas de bisturies
Lames pour bistouris
Lame per bisturi

Scalpel Blades
Pack of 100



SL-100-10
Fig. 10



SL-100-11
Fig. 11



SL-100-12
Fig. 12



SL-100-13
Fig. 13



SL-100-15
Fig. 15



SL-100-16
Fig. 16



SL-100-17
Fig. 17



SL-100-18
Fig. 18



SL-100-19
Fig. 19



SL-100-20
Fig. 20



SL-100-21
Fig. 21



SL-100-22
Fig. 22



SL-100-23
Fig. 23



SL-100-24
Fig. 24



SL-100-34
Fig. 34



SL-100-36
Fig. 36



SL-101-12
Fig. 12D



SL-101-15
Fig. 15C

Scalpel Handles
Skalpellgriffe
Mangos de bisturies
Manches pour bistouris
Manici per bisturi



SL-202-00
Scalpel Handle
For Micro Scalpel Blades
Overall Length 13.5 cm (5 ¼")



SL-204-00
Caspar Scalpel Handle
For Micro Scalpel Blade
Overall Length 18 cm (7")



Beaver Scalpel Handle
For Micro Scalpel Blades

SL-206-10
10 cm (4")

SL-206-13
13 cm (5")

SL-206-15
15 cm (6")

Scalpel Blades
Skalpellklingen
Hojas de bisturies
Lames pour bistouris
Lame per bisturi



SL-210-61
Fig. 61



SL-210-62
Fig. 62



SL-210-63
Fig. 63



SL-210-64
Fig. 64



SL-210-65
Fig. 65



SL-210-66
Fig. 66



SL-210-67
Fig. 67



SL-210-68
Fig. 68

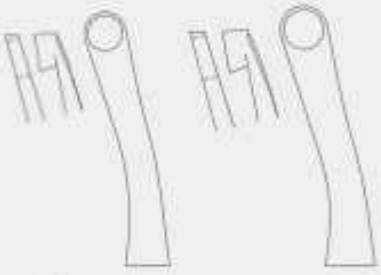


SL-210-69
Fig. 69

Micro Scalpel Blades
Pack of 25

Aorta Punches
Aortastanzen
Perforadores aórticos
Rongeurs pour aorte
Pinze taglienti per aorta



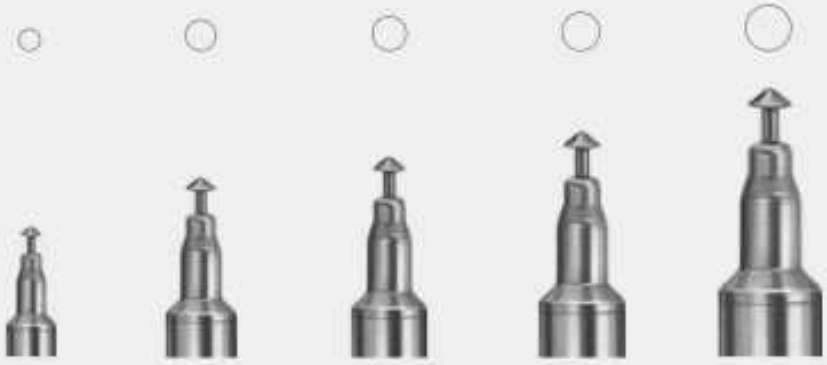


SL-801-04
Ø 4.0 mm

SL-801-05
Ø 5.0 mm

Karp Aorta Punch
Overall Length 16 cm (6 ¼")





SL-804-28
Ø 2.8 mm

SL-804-40
Ø 4.0 mm

SL-804-45
Ø 4.5 mm

SL-804-50
Ø 5.0 mm

SL-804-60
Ø 6.0 mm

Aorta Punch
Overall Length 14 cm (5 ½")

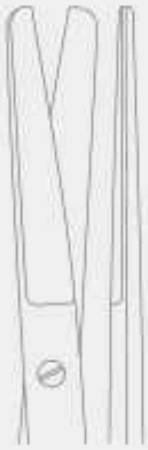
Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Operating Scissor
Straight, Blunt/Blunt



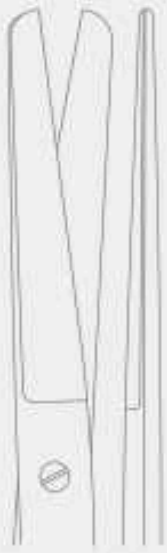
SS-002-11
12 cm (4 ¾")



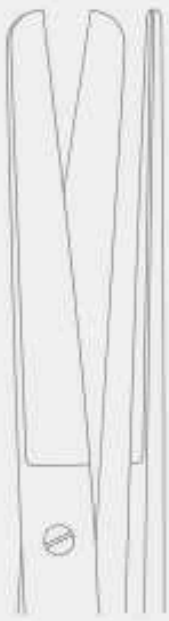
SS-002-13
13 cm (5")



SS-002-14
14.5 cm (5 ¾")



SS-002-16
16.5 cm (6 ½")



SS-002-18
18.5 cm (7 ¼")



SS-002-20
20.5 cm (8")

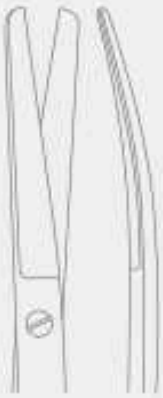
Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



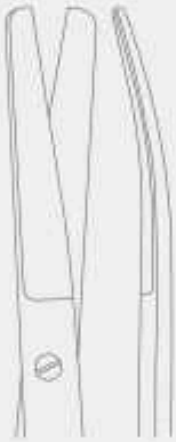
Operating Scissor
Curved, Blunt/Blunt



SS-003-11
12 cm (4 ¾")



SS-003-13
13 cm (5")



SS-003-14
14.5 cm (5 ¾")



SS-003-16
16.5 cm (6 ½")



SS-003-18
18.5 cm (7 ¼")



SS-003-20
20.5 cm (8")

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Operating Scissor
Straight, Sharp/Blunt



SS-004-11
12 cm (4 ¾")



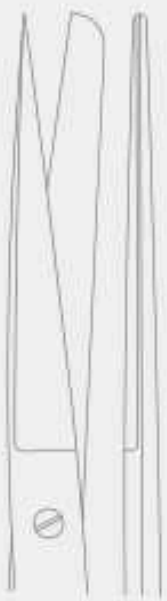
SS-004-13
13 cm (5")



SS-004-14
14.5 cm (5 ¾")



SS-004-16
16.5 cm (6 ½")



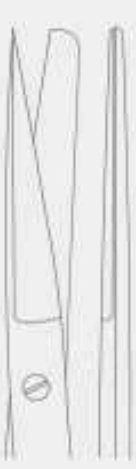
SS-004-18
18.5 cm (7 ¼")



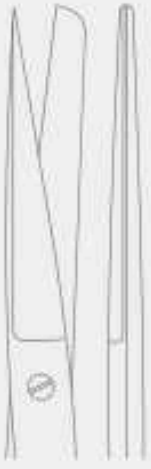
SS-004-20
20.5 cm (8")

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia





SS-004-13 SC
13 cm (5")



SS-004-14 SC
14.5 cm (5 ¾")

Operating Scissor
Straight, Sharp/Blunt

SUPEREdge™

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Operating Scissor
Curved, Sharp/Blunt



SS-005-11
12 cm (4 ¾")



SS-005-13
13 cm (5")



SS-005-14
14.5 cm (5 ¾")



SS-005-16
16.5 cm (6 ½")



SS-005-18
16.5 cm (7 ¼")



SS-005-20
20.5 cm (8")

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



SS-005-13 SC
13 cm (5")



SS-005-14 SC
14.5 cm (5 ¾")

Operating Scissor
Curved, Sharp/Blunt

SUPEREdge™

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Operating Scissor
Straight, Sharp/Sharp



SS-006-11
12 cm (4 ¾")



SS-006-13
13 cm (5")



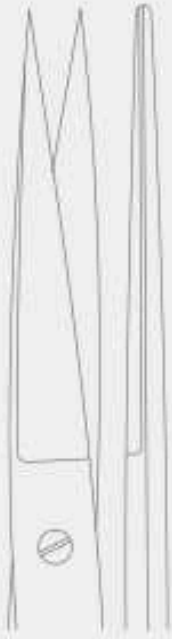
SS-006-14
14.5 cm (5 ¾")



SS-006-16
16.5 cm (6 ½")



SS-006-18
18.5 cm (7 ¼")



SS-006-20
20.5 cm (8")

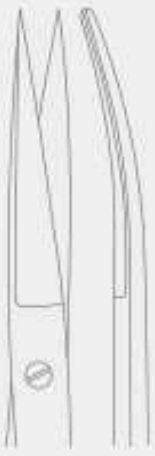
Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Operating Scissor
Curved, Sharp/Sharp



SS-007-11
12 cm (4 ¾")



SS-007-13
13 cm (5")



SS-007-14
14.5 cm (5 ¾")



SS-007-16
16.5 cm (6 ½")



SS-007-18
18.5 cm (7 ¼")



SS-007-20
20.5 cm (8")

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Operating Scissor
Slender Pattern
Overall Length 14.5 cm (5 ¾")



SS-010-14
Straight
Blunt/Blunt



SS-011-14
Curved
Blunt/Blunt



SS-012-14
Straight
Sharp/Blunt



SS-013-14
Curved
Sharp/Blunt



SS-014-14
Straight
Sharp/Sharp



SS-015-14
Curved
Sharp/Sharp

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



SS-030-14
Straight



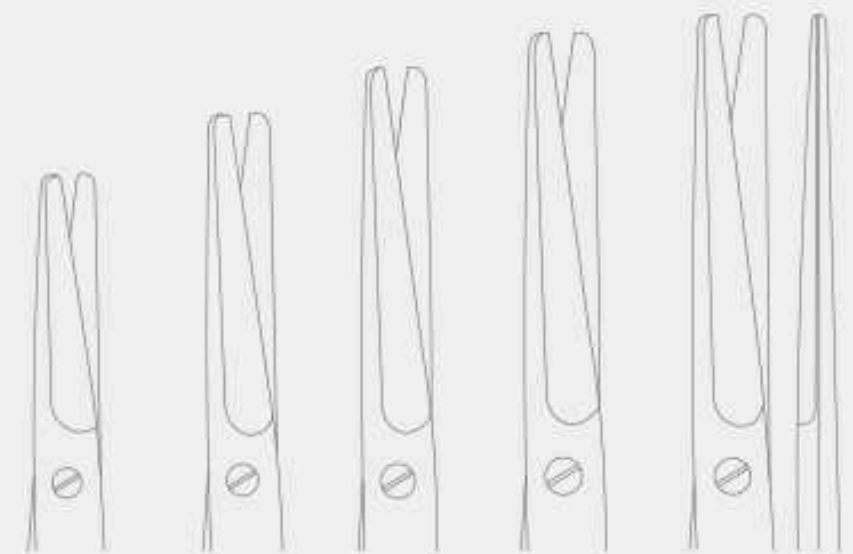
SS-031-14
Curved

Deaver Operating Scissor
Sharp/Blunt
Overall Length 14 cm (5 ½")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Mayo Dissecting Scissor
Straight



SS-040-14
14.5 cm (5 ¾")

SS-040-15
15 cm (6")

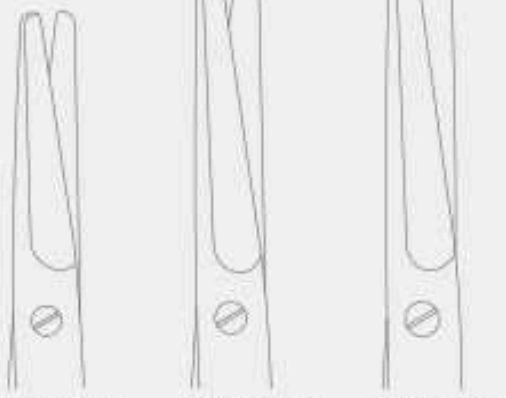
SS-040-17
17 cm (6 ¾")

SS-040-19
19 cm (7 ½")

SS-040-23
23.5 cm (9 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-040-14 SC
14.5 cm (5 ¾")

SS-040-15 SC
15 cm (6")

SS-040-17 SC
17 cm (6 ¾")

SuperEdge™ Mayo Dissecting Scissor
Straight

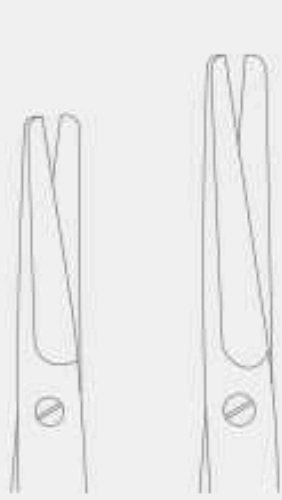
SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

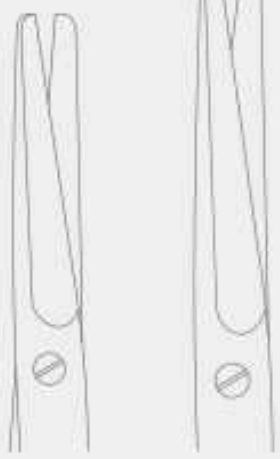




Mayo Dissecting Scissor
Curved



SS-041-14
14.5 cm (5 ¾")



SS-041-15
15 cm (6")



SS-041-17
17 cm (6 ¾")



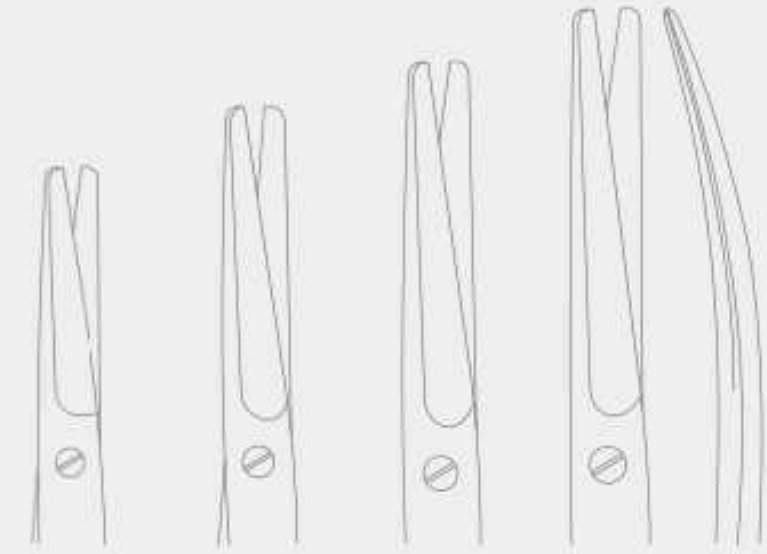
SS-041-19
19 cm (7 ½")



SS-041-23
23.5 cm (9 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-041-14 SC
14.5 cm (5 ¾")

SS-041-15 SC
15 cm (6")

SS-041-17 SC
17 cm (6 ¾")

SS-041-23 SC
23.5 cm (9 ¼")

SuperEdge™ Mayo Dissecting Scissor
Curved

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Mayo Dissecting Scissor
With Chamfered Blades

SS-042-19
Straight
19 cm (7 ½")



SS-042-21
Straight
21.5 cm (8 ½")



SS-043-19
Curved
19 cm (7 ½")



SS-043-21
Curved
21.5 cm (8 ½")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione

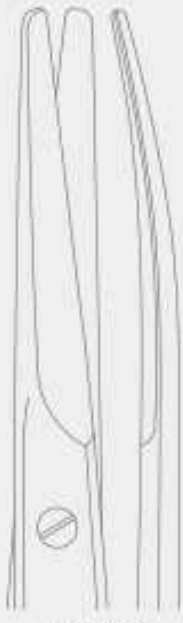




SS-046-23
Straight
23 cm (9")



SS-047-23
Curved
22.5 cm (9")



SS-047-28
Curved
28 cm (11")

Mayo-Harrington Dissecting Scissor





SS-046-23 SC
Straight
23 cm (9")



SS-047-23 SC
Curved
22.5 cm (9")

SUPEREdge™

SuperEdge™ Mayo-Harrington Dissecting Scissor

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Mayo-Stille Dissecting Scissor
Straight



SS-050-15
15 cm (6")



SS-050-17
17 cm (6 ¾")



SS-050-19
19.5 cm (7 ¾")

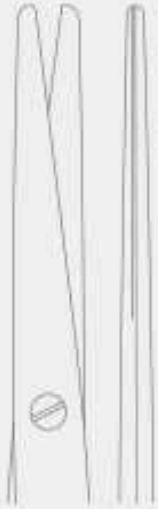


SS-050-21
21.5 cm (8 ½")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-050-15 SC
Straight
15 cm (6")



SS-050-17 SC
Straight
17 cm (6 ¾")

SuperEdge™ Mayo-Stille Dissecting Scissor

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Mayo-Stille Dissecting Scissor



SS-051-15
Curved
15 cm (6")



SS-051-17
Curved
17 cm (6 ¾")



SS-051-19
Curved
19.5 cm (7 ¾")



SS-051-21
Curved
21.5 cm (8 ½")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-051-15 SC
Curved
15 cm (6")



SS-051-17 SC
Curved
17 cm (6 ¾")

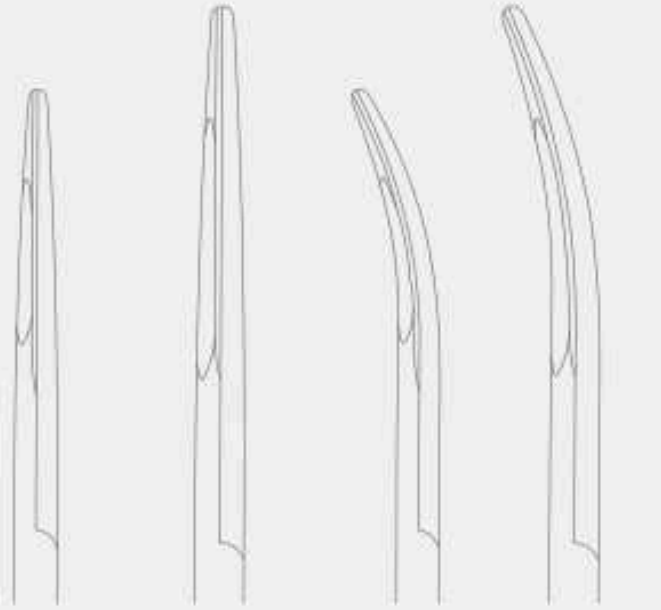
SuperEdge™ Mayo-Stille Dissecting Scissor

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Mayo-Stille Dissecting Scissor
With Chamfered Blades



SS-052-14
Straight
14 cm (5 ½")

SS-052-17
Straight
17 cm (6 ¾")

SS-053-14
Curved
14 cm (5 ½")

SS-053-17
Curved
17 cm (6 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





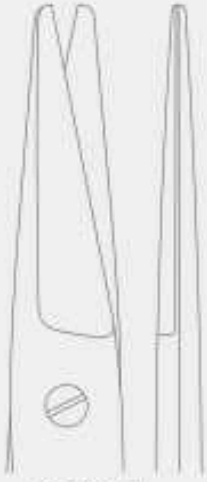
SS-056-15
Straight



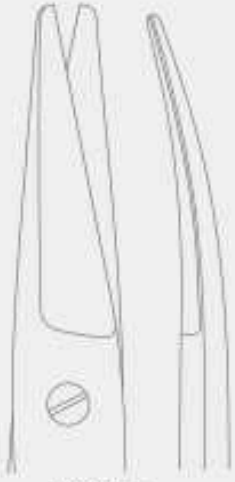
SS-057-15
Curved

Stille Dissecting Scissor
Overall Length 15 cm (6")





SS-060-17
Straight



SS-061-17
Curved

Mayo-Noble Gynecological Scissor
Overall Length 16.5 cm (6 ½")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-100-16
Straight



SS-101-16
Curved

Kelly Dissecting Scissor
Overall Length 16 cm (6 ¼")



SS-100-16 SC
Straight



SS-101-16 SC
Curved

SUPERedge™

SuperEdge™ Kelly Dissecting Scissor
Overall Length 16 cm (6 ¼")



SS-104-15
Straight



SS-105-15
Curved

Joseph Dissecting Scissor
Overall Length 15 cm (6")



SS-104-15 SC
Straight



SS-105-15 SC
Curved

SUPERedge™

SuperEdge™ Joseph Dissecting Scissor
Overall Length 15 cm (6")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-111-28
Weller Dissecting Scissor
Heavy Pattern
Overall Length 28 cm (11")



SS-113-25
Resano Cartilage Scissor
Overall Length 25 cm (9 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-120-11
Straight
Blunt/Blunt



SS-121-11
Curved
Blunt/Blunt

Metzenbaum Dissecting Scissor
Blunt/Blunt
Overall Length 11.5 cm (4 ½")



SS-120-11 SC
Straight
Blunt/Blunt



SS-121-11 SC
Curved
Blunt/Blunt

SuperEdge™ Metzenbaum Dissecting Scissor
Blunt/Blunt
Overall Length 11.5 cm (4 ½")

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-122-15
Straight



SS-123-15
Curved

Metzenbaum Dissecting Scissor
Blunt/Blunt
Overall Length 15.5 cm (6")



SS-122-15 SC
Straight



SS-123-15 SC
Curved

SuperEdge™ Metzenbaum Dissecting Scissor
Blunt/Blunt
Overall Length 15.5 cm (6")

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-130-14
Straight

SS-131-14
Curved

Metzenbaum Dissecting Scissor
Blunt/Blunt
Overall Length 14.5 cm (5 ¾")



SS-130-14 SC
Straight

SS-131-14 SC
Curved

SuperEdge™ Metzenbaum Dissecting Scissor
Blunt/Blunt
Overall Length 14.5 cm (5 ¾")

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-132-14
Straight



SS-133-14
Curved

Metzenbaum Dissecting Scissor
Sharp/Blunt
Overall Length 14.5 cm (5 ¾")



SS-134-14
Straight



SS-135-14
Curved

Metzenbaum Dissecting Scissor
Sharp/Sharp
Overall Length 14.5 cm (5 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Metzenbaum-Nelson Dissecting Scissor
Straight, Blunt/Blunt



SS-140-18
18 cm (7")



SS-140-20
20.5 cm (8")



SS-140-23
23 cm (9")



SS-140-26
26 cm (10 ¼")



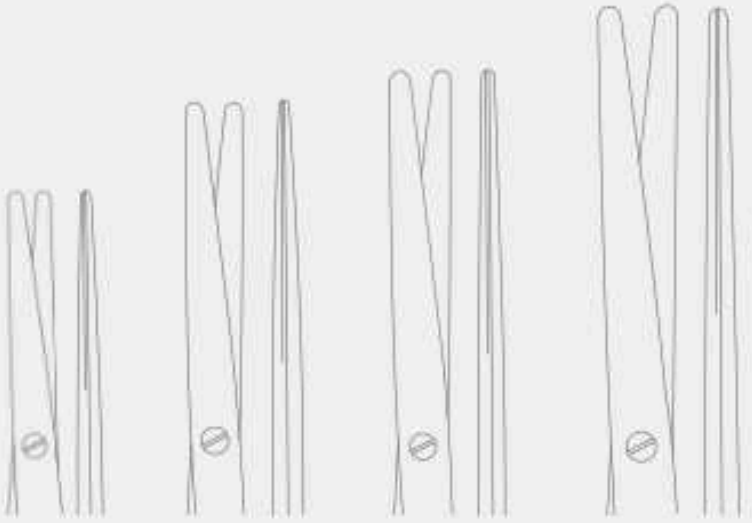
SS-140-28
28.5 cm (11 ¼")



SS-140-30
31 cm (12 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-140-18 SC
18 cm (7")

SS-140-20 SC
20.5 cm (8")

SS-140-23 SC
23 cm (9")

SS-140-26 SC
26 cm (10 ¼")

SuperEdge™ Metzenbaum-Nelson Dissecting Scissor
Straight, Blunt/Blunt

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Metzenbaum-Nelson Dissecting Scissor
Curved, Blunt/Blunt



SS-141-18
18 cm (7")



SS-141-20
20.5 cm (8")



SS-141-23
23 cm (9")



SS-141-26
26 cm (10 ¼")



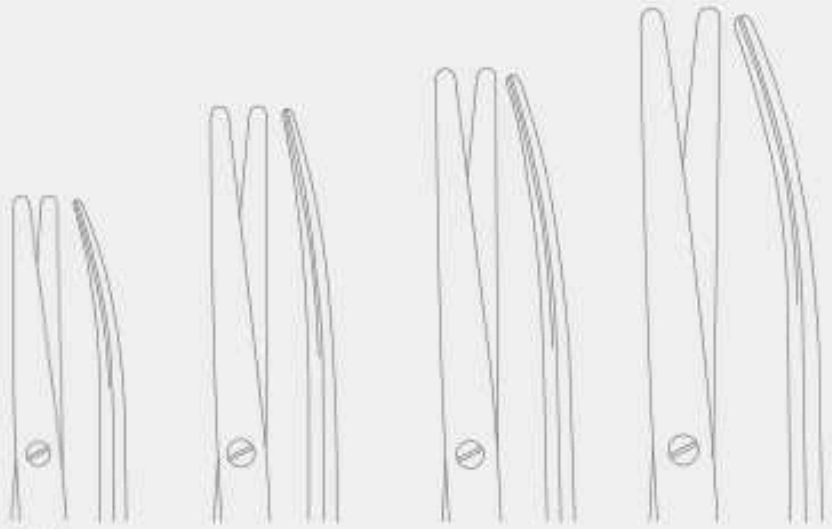
SS-141-28
28.5 cm (11 ¼")



SS-141-30
31 cm (12 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-141-18 SC
18 cm (7")

SS-141-20 SC
20.5 cm (8")

SS-141-23 SC
23 cm (9")

SS-141-26 SC
26 cm (10 ¼")

SuperEdge™ Metzenbaum-Nelson Dissecting Scissor
Curved, Blunt/Blunt

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-144-18
18 cm (7")

SS-144-20
20.5 cm (8")

Metzenbaum-Nelson Dissecting Scissor
Straight, Sharp/Sharp



SS-145-18
18 cm (7")



SS-145-20
20.5 cm (8")

Metzenbaum-Nelson Dissecting Scissor
Curved, Sharp/Sharp

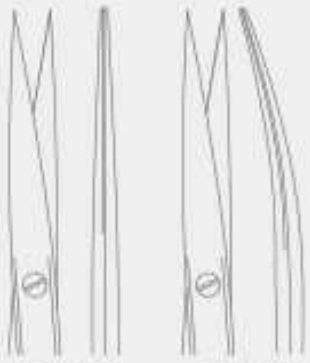


SUPEREdge™

SS-145-18 SC
SuperEdge™ Metzenbaum-Nelson Dissecting Scissor
Curved, Sharp/Sharp
Overall Length 18 cm (7")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



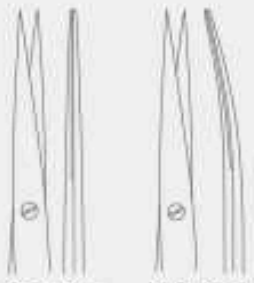


SS-146-14
Straight

SS-147-14
Curved

Metzenbaum Dissecting Scissor
Sharp/Sharp
One Serrated Cutting Edge
Overall Length 14.5 cm (5 ¾")





SS-148-15
Straight

SS-149-15
Curved

Metzenbaum Nerve Dissecting Scissor
Overall Length 15.5 cm (6")

Cartilage Scissors
Knorpelschere
Tijera de cartílago
Ciseaux cartilagineux
Forbici per cartilagine





SS-154-18
Straight

SS-155-18
Curved

McIndoe Cartilage Scissor
Toothed
Overall Length 18.5 cm (7 ¼")



SS-157-18
Martin Cartilage Scissor
Curved
Overall Length 18.5 cm (7 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-176-16
Straight



SS-177-16
Curved

Lexer Dissecting Scissor
Overall Length 16 cm (6 ¼")



SS-176-16 SC
Straight



SS-177-16 SC
Curved

SuperEdge™ Lexer Dissecting Scissor
Overall Length 16 cm (6 ¼")

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-191-19
Thorek Dissecting Scissor
Curved
Overall Length 18.5 cm (7 ¼")



SS-194-10
Straight



SS-195-10
Curved

Lexer-Baby Dissecting Scissor
Overall Length 10 cm (4")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-196-16
Straight

SS-197-16
Curved

Lexer-Fine Delicate Dissecting Scissor
Slender Pattern
Overall Length 16.5 cm (6 ½")



SS-200-14
Straight

SS-201-14
Curved

Metzenbaum-Fine Delicate Dissecting Scissor
Blunt/Blunt, Slender Pattern
Overall Length 14.5 cm (5 ¾")



SS-200-14 SC
Straight

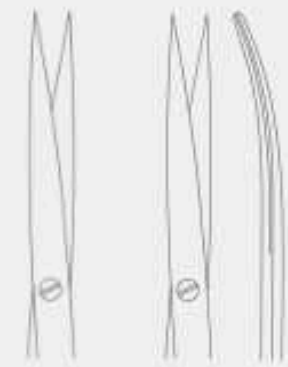
SS-201-14 SC
Curved

SUPEREdge™

SuperEdge™ Metzenbaum-Fine Delicate Dissecting Scissor
Blunt/Blunt, Slender Pattern
Overall Length 14.5 cm (5 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-202-14
Straight

SS-203-14
Curved

Metzenbaum-Fine Delicate Dissecting Scissor
Sharp/Sharp, Slender Pattern
Overall Length 14.5 cm (5 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-210-18
18 cm (7")



SS-210-20
20 cm (8")



SS-210-23
23 cm (9")

Metzenbaum-Fine Delicate Dissecting Scissor
Straight, Blunt/Blunt, Slender Pattern





SS-210-18 SC
18 cm (7")



SS-210-20 SC
20 cm (8")



SS-210-23 SC
23 cm (9")

SUPEREdge™

SuperEdge™ Metzenbaum-Fine Delicate Dissecting Scissor
Straight, Blunt/Blunt, Slender Pattern

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-211-18
18 cm (7")



SS-211-20
20 cm (8")



SS-211-23
23 cm (9")

Metzenbaum-Fine Delicate Dissecting Scissor
Curved, Blunt/Blunt, Slender Pattern





SS-211-18 SC
18 cm (7")



SS-211-20 SC
20 cm (8")



SS-211-23 SC
23 cm (9")

SUPEREdge™

SuperEdge™ Metzenbaum-Fine Delicate Dissecting Scissor
Curved, Blunt/Blunt, Slender Pattern

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-214-18
18 cm (7")



SS-214-20
20 cm (8")



SS-214-23
23 cm (9")

Metzenbaum-Fine Delicate Dissecting Scissor
Straight, Sharp/Sharp, Slender Pattern





SS-214-18 SC
18 cm (7")



SS-214-20 SC
20 cm (8")



SS-214-23 SC
23 cm (9")

SUPEREdge™

Metzenbaum-Fine Delicate Dissecting Scissor
Straight, Sharp/Sharp, Slender Pattern

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-215-18
18 cm (7")



SS-215-20
20 cm (8")



SS-215-23
23 cm (9")

Metzenbaum-Fine Delicate Dissecting Scissor
Curved, Sharp/Sharp, Slender Pattern





SS-215-18 SC
18 cm (7")



SS-215-20 SC
20 cm (8")



SS-215-23 SC
23 cm (9")

SUPEREdge™

SuperEdge™ Metzenbaum-Fine Delicate Dissecting Scissor
Curved, Sharp/Sharp, Slender Pattern

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-219-18
18 cm (7")

SS-219-20
20 cm (8")

SS-219-23
23 cm (9")

Metzenbaum-Fine Delicate Dissecting Scissor
Curved, S Shaped



SS-241-12
Shea Vein Graft Scissor
Curved
Overall Length 12 cm (4 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



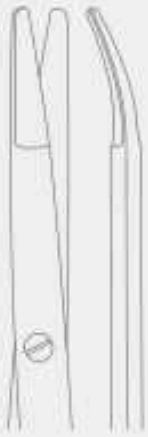
Ragnell (Kilner) Dissecting Scissor
Curved



SS-243-12
12 cm (4 ¾")



SS-243-15
15 cm (6")



SS-243-18
18 cm (7")



SuperEdge™ Ragnell (Kilner) Dissecting Scissor
Curved



SS-243-12 SC
12 cm (4 ¾")



SS-243-15 SC
15 cm (6")



SS-243-18 SC
18 cm (7")

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-245-15
Nerve Dissecting Scissor
Curved, Semi Sharp
Overall Length 15 cm (6")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-250-15
Straight
15.5 cm (6")



SS-250-18
Straight
18 cm (7")



SS-251-15
Curved
15.5 cm (6")



SS-251-18
Curved
18 cm (7")

Reynolds Dissecting/Tenotomy Scissor





SS-250-15 SC
Straight
15.5 cm (6")



SS-250-18 SC
Straight
18 cm (7")



SS-251-15 SC
Curved
15.5 cm (6")



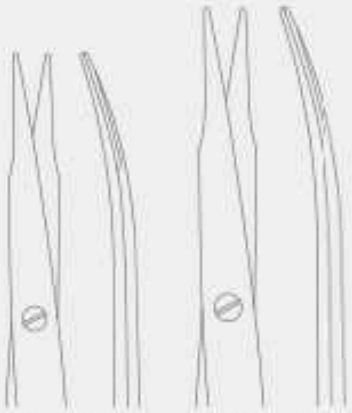
SS-251-18 SC
Curved
18 cm (7")

SUPEREdge™

SuperEdge™ Reynolds Dissecting/Tenotomy Scissor

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-253-15
Curved
15.5 cm (6")

SS-253-18
Curved
18 cm (7")

Jameson Dissecting Scissor



SS-253-13 SC
Curved
13 cm (5")



SS-253-15 SC
Curved
15.5 cm (6")

SuperEdge™ Jameson Dissecting Scissor

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-257-13
Jameson-Werber Dissecting Scissor
Curved
Overall Length 13 cm (5")



Potts Dissecting Scissor

SS-259-18
Curved
18 cm (7")



SS-259-20
Curved
20.5 cm (8")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

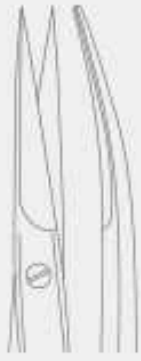


SS-261-17
DeBakey Arteriotomy Scissor
Curved
Overall Length 17.5 cm (7")



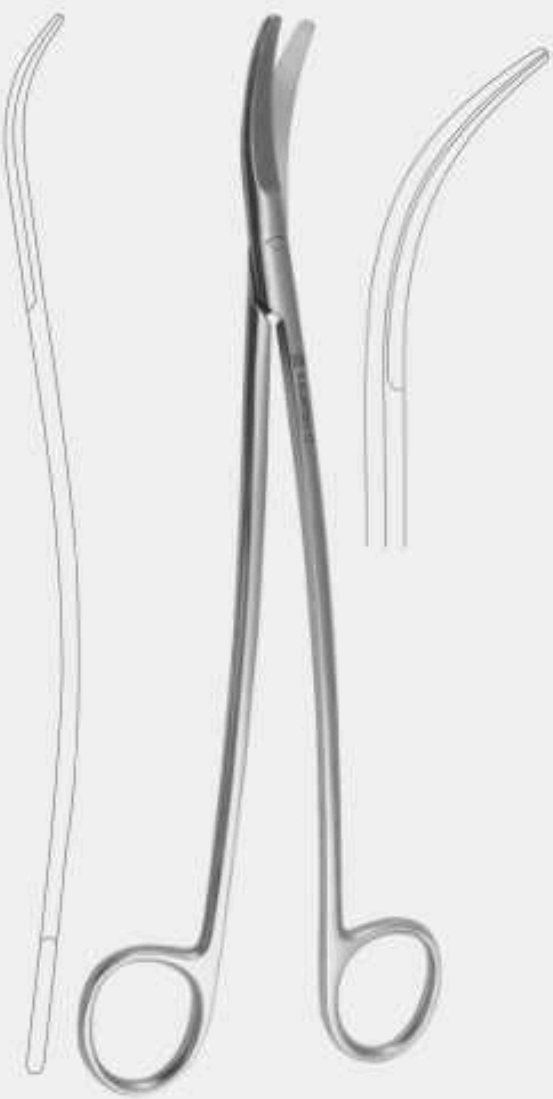
Vascular Scissor
Overall Length 19 cm (7 ½")

SS-264-19
Straight



SS-265-19
Curved

Thoracic Scissors
Thoraxschere
Tijera Torácica
Ciseaux thoraciques
Forbici toraciche



SS-267-24
Satinsky Thoracic Scissor
Curved
Overall Length 25.5 cm (10")



SS-267-25
Thomson Valve Scissor
Strongly Curved, With One Serrated Blade
Overall Length 25.5 cm (10")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™





SS-271-25 M
Angled 25°



SS-271-45 M
Angled 45°



SS-271-60 M
Angled 60°



SS-271-90 M
Angled 90°



SS-273-00 M
Angled 125°

Peripheral Vascular Scissor
Overall Length 12.5 cm (5")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™



SS-275-00 M
Diethrich Vascular Scissor
Angled 125° - With Guide
Overall Length 17.5 cm (7")



DeBakey Vascular Scissor



SS-277-25 M
Angled 25°
16.5 cm (6 ½")



SS-277-45 M
Angled 45°
16.5 cm (6 ½")

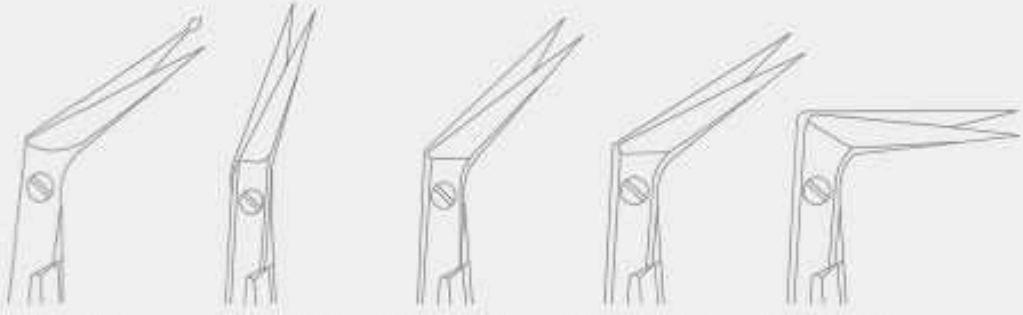


SS-277-60 M
Angled 60°
16 cm (6 ¼")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™





SS-279-19 M
Angled 60°
One Probe Tip
18 cm (7")

SS-281-25 M
Angled 25°
19 cm (7 ½")

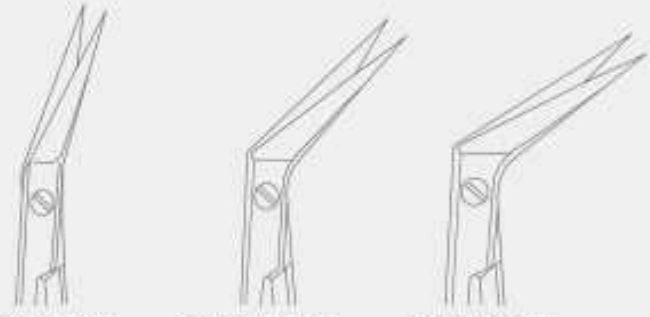
SS-281-45 M
Angled 45°
18.5 cm (7 ¼")

SS-281-60 M
Angled 60°
18 cm (7")

SS-281-90 M
Angled 90°
18 cm (7")

Potts-Smith Vascular Scissor





SS-281-25 SCM
Angled 25°
19 cm (7 ½")

SS-281-45 SCM
Angled 45°
18.5 cm (7 ¼")

SS-281-60 SCM
Angled 60°
18 cm (7")

SUPEREdge™

Potts-Smith SuperEdge™ Vascular Scissor

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™



SS-283-19 M
Potts-Smith Vascular Scissor
Angled on Flat
Overall Length 18.5 cm (7 ¼")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™



SS-285-25 M
Angled 25°



SS-285-45 M
Angled 45°



SS-285-60 M
Angled 60°



SS-285-90 M
Angled 90°



SS-285-25 SCM
Angled 25°



SS-285-45 SCM
Angled 45°



SS-285-60 SCM
Angled 60°



SS-285-90 SCM
Angled 90°

SUPEREdge™



Diethrich-Potts Vascular Scissor
Standard Blade
Overall Length 18 cm (7")



SS-287-00 M
Angled 125°

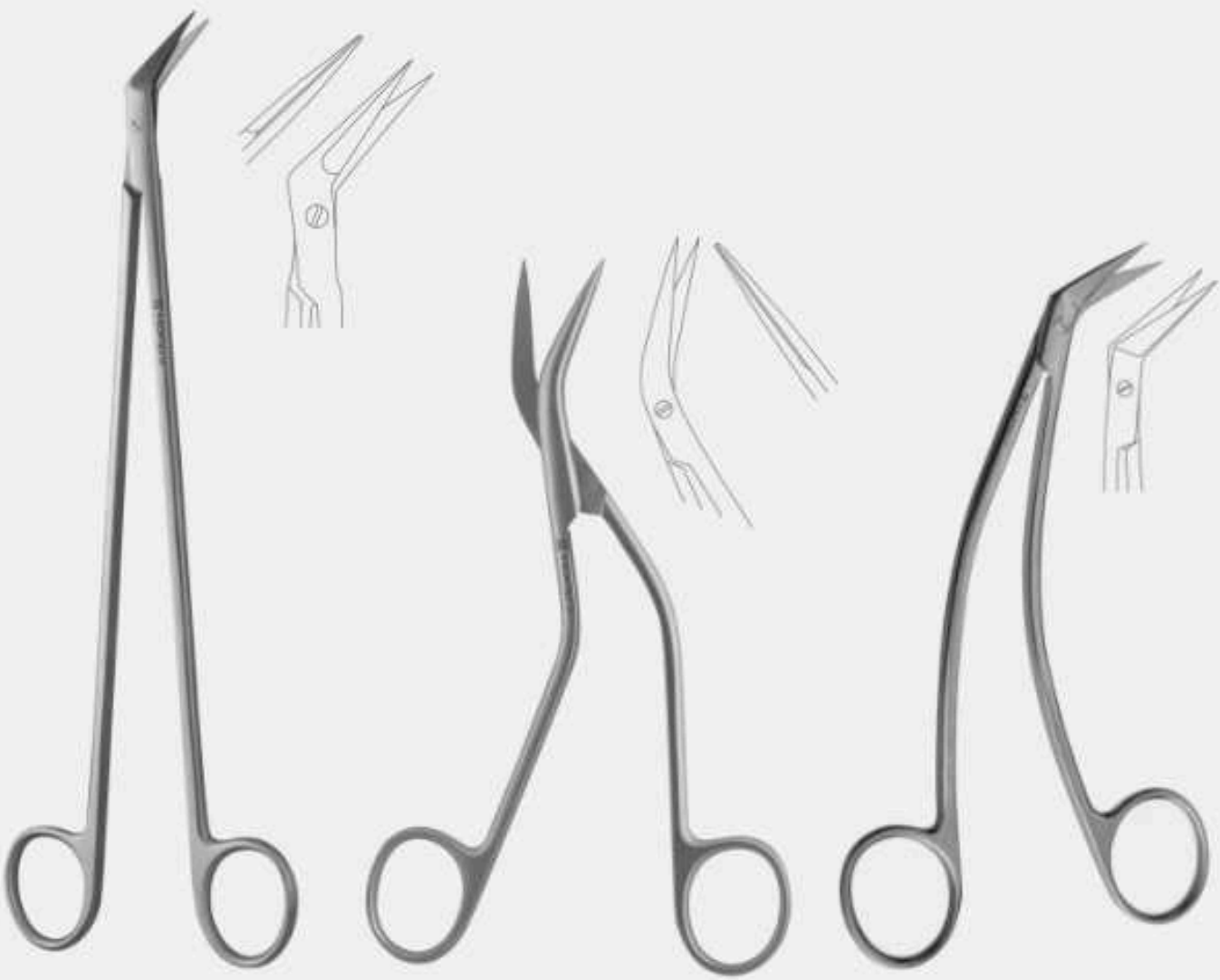


SS-287-00 SCM
Angled 125°

SUPEREdge™

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™



SS-299-22 M
Potts-De Martel Cardiovascular Scissor
Angled 60°
Overall Length 22 cm (8 ¾")

SS-301-16 M
DeBakey Offset Scissor
S Shaped
Overall Length 15.5 cm (6")

SS-303-15 M
Favaloro Vascular Scissor
Angled
Overall Length 15 cm (6")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari



SS-306-12
Vascular Scissor
One Blade Probe
Overall Length 12 cm (4 ¾")



SS-308-14
Vascular Scissor
One Blade Probe
Overall Length 14.5 cm (5 ¾")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari



SS-311-22
Strully Vascular Scissor
Curved
Overall Length 22 cm (8 ¾")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari



SS-312-22
Vascular Scissor
Straight
Overall Length 22.5 cm (8 ¾")



SS-314-28
Barre Vascular Scissor
Straight
Overall Length 28 cm (11")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari



SS-315-19
Potts-Smith Vascular Scissor
Curved
Overall Length 19 cm (7 ½")



SS-317-19
Cooley Vascular Scissor
Curved
Overall Length 19 cm (7 ½")

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari



SS-319-23
Klinkenberg-Loth Vascular Scissor
S Shaped
Overall Length 23 cm (9")



SS-329-17
Toennis-Adson Dissecting Scissor
Curved
Overall Length 17.5 cm (7")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



Toennis Dissecting Scissor
Overall Length 18 cm (7")

SS-332-18
Straight
Very Delicate



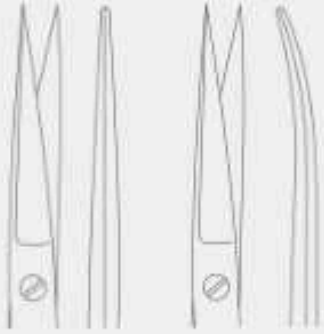
SS-334-18
Straight
Delicate



SS-335-18
Curved
Delicate

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia





SS-402-12
Straight

SS-403-12
Curved



SS-402-12 SC
Straight



SS-403-12 SC
Curved

Wagner Operating Scissor
Overall Length 12 cm (4 ¾")

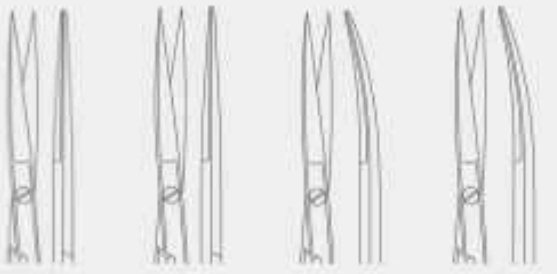
SuperEdge™ Wagner Operating Scissor
Overall Length 12 cm (4 ¾")

SUPEREdge™

Iris Scissors
Irisscheren
Tijeras para iridectomia
Ciseaux à iridectomie
Forbici per iridectomia



Iris Scissor



SS-430-09
Straight
9 cm (3 ½")

SS-430-10
Straight
10 cm (4")

SS-431-09
Curved
9 cm (3 ½")

SS-431-10
Curved
10 cm (4")



SS-432-10
Iris Scissor
With Extra Flat Blades
Overall Length 10 cm (4")

Iris Scissors
Irisscheren
Tijeras para iridectomía
Ciseaux à iridectomie
Forbici per iridectomia



SS-440-11
Straight



SS-441-11
Curved

Iris Scissor
Overall Length 11.5 cm (4 ½")



SS-440-11 SC
Straight



SS-441-11 SC
Curved

SUPEREdge™

SuperEdge™ Iris Scissor
Overall Length 11.5 cm (4 ½")



SS-443-11
Iris Scissor
Curved to Side
Overall Length 11.5 cm (4 ½")



SS-445-11
Iris Scissor
Angled
Overall Length 11.5 cm (4 ½")

Iris Scissors
Irisscheren
Tijeras para iridectomía
Ciseaux à iridectomie
Forbici per iridectomia



SS-446-12
Straight



SS-447-12
Curved

Iris Scissor
Overall Length 12.5 cm (5")



SS-446-12 SC
Straight



SS-447-12 SC
Curved

SuperEdge™ Iris Scissor
Overall Length 12.5 cm (5")

SUPEREdge™

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



SS-450-10
Straight
10 cm (4")



SS-450-11
Straight
11 cm (4 ½")



SS-451-10
Curved
10 cm (4")



SS-451-11
Curved
11 cm (4 ½")

Stevens Tenotomy Scissor
Sharp/Sharp





SS-450-11 SC
Straight
11 cm (4 ½")



SS-451-11 SC
Curved
11 cm (4 ½")

SUPEREdge™

SuperEdge™ Stevens Tenotomy Scissor
Sharp/Sharp

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



Stevens Tenotomy Scissor
Blunt/Blunt



SS-452-10
Straight
10 cm (4")



SS-452-11
Straight
11 cm (4 ½")



SS-452-12
Straight
12.5 cm (5")



SS-453-10
Curved
10 cm (4")



SS-453-11
Curved
11 cm (4 ½")



SS-453-12
Curved
12.5 cm (5")



SuperEdge™ Stevens Tenotomy Scissor
Blunt/Blunt
Overall Length 11 cm (4 ½")

SS-452-11 SC
Straight



SS-453-11 SC
Curved

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-461-11
Littler Dissecting Scissor
Curved, Tip With Eye For Suture
Overall Length 11.5 cm (4 ½")



SS-463-11
Cottle Bulldog Scissor
Curved
Overall Length 11.5 cm (4 ½")



Kilner Delicate Dissecting Scissor
Overall Length 11.5 cm (4 ½")

SS-466-11
Straight



SS-467-11
Curved

Wire Cutting Scissors
Drahtscheren
Tijeras para cortar hilos de acero
Ciseaux coupe-fil
Forbici per tagliare fili metallic



SS-551-12
Universal Wire Cutting Scissor
Angled, One Toothed Cutting Edge
Overall Length 12 cm (4 ¾")



SS-553-12
Heath Suture Scissor
One Toothed Cutting Edge
Overall Length 16 cm (6 ¼")

Wire Cutting Scissors
Drahtscheren
Tijeras para cortar hilos de acero
Ciseaux coupe-fil
Forbici per tagliare fili metallic



SS-554-12
Harvey Wire Cutting Scissor
Straight, One Toothed Cutting Edge
Overall Length 12.5 cm (5")



Lister Bandage Scissor

SS-591-14
14.5 cm (5 ¾")

SS-591-18
18.5 cm (7 ¼")

SS-591-20
20 cm (8")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex™



SS-620-01 M
Straight
Blunt/Blunt

SS-620-02 M
Straight
Sharp/Blunt

SS-620-03 M
Straight
Sharp/Sharp

Mueller Micro Scissor
Round Handle
Overall Length 12 cm (4 ¾")



SS-621-01 M
Curved
Blunt/Blunt

SS-621-02 M
Curved
Sharp/Blunt

SS-621-03 M
Curved
Sharp/Sharp

Mueller Micro Scissor
Round Handle
Overall Length 12 cm (4 ¾")



SS-622-01 M
Straight
Blunt/Blunt

SS-622-02 M
Straight
Sharp/Blunt

SS-622-03 M
Straight
Sharp/Sharp

Mueller Micro Scissor
Round Handle
Overall Length 15 cm (6")



SS-623-01 M
Curved
Blunt/Blunt

SS-623-02 M
Curved
Sharp/Blunt

SS-623-03 M
Curved
Sharp/Sharp

Mueller Micro Scissor
Round Handle
Overall Length 15 cm (6")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex



SS-636-12
Straight

SS-637-12
Curved

Micro Scissor
13 mm Long Blades
With Max. 10 mm Cutting Edge
Overall Length 12 cm (4 ¾")



SS-726-12 M
Vannas Micro Scissor
Straight
Overall Length 12 cm (4 ¾")



SS-727-12 M
Vannas Micro Scissor
Curved
Overall Length 12 cm (4 ¾")



SS-729-12 M
Vannas Micro Scissor
Angled on Flat
Overall Length 12 cm (4 ¾")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex™



SS-730-13 M
Biemer Vein Scissor
Overall Length 13 cm (5")





SS-732-16 M
Straight



SS-733-16 M
Curved

Micro Scissor
Overall Length 16 cm (6 ¼")





SS-734-16 M
Straight



SS-735-16 M
Curved

Vannas Micro Scissor
Overall Length 16 cm (6 ¼")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex



SS-736-16 M
Straight

SS-737-16 M
Curved

Millesi Micro Scissor
Overall Length 16 cm (6 ¼")



SS-738-18 M
Straight
Yasargil

SS-739-18 M
Curved
Jacobson

Micro Scissor
Overall Length 18.5 cm (7 ¼")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex



SS-740-14 M
Straight
Sharp/Sharp

Adventitia Scissor
Overall Length 14.5 cm (5 ¾")



SS-741-14 M
Curved
Sharp/Sharp

Micro Scissor
Overall Length 14.5 cm (5 ¾")

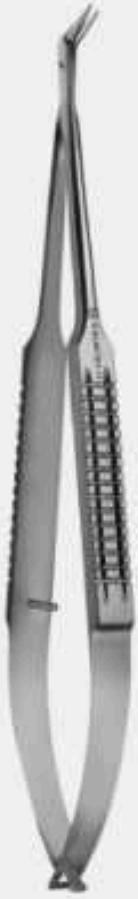


SS-743-14 M
Curved
Blunt/Blunt

Micro Dissecting Scissor
Overall Length 14.5 cm (5 ¾")

Micro Coronary Scissors
Mikrokoronarschere
Tijera microcoronaria
Ciseaux micro coronariens
Microforbici coronariche

infinex



Micro Coronary Scissor
Delicate Blades
Overall Length 18 cm (7")



SS-751-25 M
Angled 25°



SS-751-45 M
Angled 45°



SS-751-60 M
Angled 60°



SS-751-90 M
Angled 90°



SS-753-00 M
Angled 125°



SS-753-00 VM
Angled 125°
V Shaped

Micro Coronary Scissors
Mikrokoronarschere
Tijera microcoronaria
Ciseaux micro coronariens
Microforbici coronariche

infinex



Micro Coronary Scissor
Overall Length 16.5 cm (6 ½")



SS-755-25 M
Angled 25°
Fine Blades



SS-755-45 M
Angled 45°
Fine Blades



SS-755-60 M
Angled 60°
Fine Blades



SS-755-90 M
Angled 90°
Fine Blades



SS-757-00 M
Fine Blades
Angled 125°



SS-757-00 VM
Fine Blades
Angled 125°
V Shaped



SS-759-25 M
Fine Blades
One Blade
Probe Tip
Angled 25°



SS-759-45 M
Fine Blades
One Blade
Probe Tip
Angled 45°



SS-759-60 M
Fine Blades
One Blade
Probe Tip
Angled 60°



SS-759-90 M
Fine Blades
One Blade
Probe Tip
Angled 90°



SS-761-00 M
Fine Blades
One Blade
Probe Tip
Angled 125°

Micro Coronary Scissors
Mikrokoronarschere
Tijera microcoronaria
Ciseaux micro coronariens
Microforbici coronariche

infinex



Micro Coronary Scissor
Overall Length 16.5 cm (6 ½")



SS-763-25 M
Delicate Blades
Angled 25°



SS-763-45 M
Delicate Blades
Angled 45°



SS-763-60 M
Delicate Blades
Angled 60°



SS-763-90 M
Delicate Blades
Angled 90°



SS-765-00 M
Delicate Blades
Angled 125°



SS-765-00 VM
Delicate Blades
V Shaped
Angled 125°



SS-767-25 M
Nano Blades
Angled 25°



SS-767-45 M
Nano Blades
Angled 45°



SS-767-60 M
Nano Blades
Angled 60°



SS-767-90 M
Nano Blades
Angled 90°



SS-769-00 M
Nano Blades
Angled 125°



SS-769-00 VM
Nano Blades
V Shaped
Angled 125°

Micro Coronary Scissors
Mikrokoronarschere
Tijera microcoronaria
Ciseaux micro coronariens
Microforbici coronariche

infinex



Micro Coronary Scissor
Overall Length 16.5 cm (6 ½")



SS-775-25 M
Angled 25°
Fine Blades



SS-775-45 M
Angled 45°
Fine Blades



SS-775-60 M
Angled 60°
Fine Blades



SS-775-90 M
Angled 90°
Fine Blades



SS-777-00 M
Fine Blades
Angled 125°



SS-777-00 VM
Fine Blades
V Shaped
Angled 125°



SS-779-25 M
Fine Blades
One Blade
Probe Tip
Angled 25°



SS-779-45 M
Fine Blades
One Blade
Probe Tip
Angled 45°



SS-779-60 M
Fine Blades
One Blade
Probe Tip
Angled 60°



SS-779-90 M
Fine Blades
One Blade
Probe Tip
Angled 90°



SS-781-00 M
Fine Blades
One Blade
Probe Tip
Angled 125°

Micro Coronary Scissors
Mikrokoronarschere
Tijera microcoronaria
Ciseaux micro coronariens
Microforbici coronariche

infinex



Micro Coronary Scissor



SS-783-25 M
16.5 cm (6 ½")



SS-783-25 ML
19 cm (7 ½")



SS-783-25 MXL
23 cm (9")

Delicate Blades, Angled 25°



SS-783-45 M
16.5 cm (6 ½")



SS-783-45 ML
19 cm (7 ½")



SS-783-45 MXL
23 cm (9")

Delicate Blades, Angled 45°



SS-783-60 M
16.5 cm (6 ½")



SS-783-60 ML
19 cm (7 ½")



SS-783-60 MXL
23 cm (9")

Delicate Blades, Angled 60°



SS-783-90 M
16.5 cm (6 ½")



SS-783-90 ML
19 cm (7 ½")



SS-783-90 MXL
23 cm (9")

Delicate Blades, Angled 90°

Micro Coronary Scissors
Mikrokoronarschere
Tijera microcoronaria
Ciseaux micro coronariens
Microforbici coronariche

infinex





Micro Coronary Scissor



SS-785-00 M
16.5 cm (6 ½")



SS-785-00 ML
19 cm (7 ½")



SS-785-00 MXL
23 cm (9")

Delicate Blades, Angled 125°



SS-785-00 VM
16.5 cm (6 ½")



SS-785-00 VML
19 cm (7 ½")



SS-785-00 VMXL
23 cm (9")

Delicate Blades, Angled 125°, V Shaped



SS-787-25 M
Angled 25°



SS-787-45 M
Angled 45°



SS-787-60 M
Angled 60°



SS-787-90 M
Angled 90°



SS-789-00 M
Angled 125°



SS-789-00 VM
Angled 125°
V Shaped

Nano Blades, 16.5 cm (6 ½")

Micro Scissor
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex





SS-800-15 M
15 cm (6 ")



SS-800-18 M
18 cm (7")



SS-800-21 M
21 cm (8 ¼")



SS-800-23 M
23 cm (9")

Micro Scissor
Delicate Blades, Straight





SS-800-15 MT
15 cm (6 ")



SS-800-18 MT
18 cm (7")



SS-800-21 MT
21 cm (8 ¼")



SS-800-23 MT
23 cm (9")

Micro Scissor
Delicate Blades, Straight

TITANIUM

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex



Micro Scissor
Delicate Blades, Curved



SS-801-15 M
15 cm (6 ")



SS-801-18 M
18 cm (7")



SS-801-21 M
21 cm (8 ¼")



SS-801-23 M
23 cm (9")



Micro Scissor
Delicate Blades, Curved



SS-801-15 MT
15 cm (6 ")



SS-801-18 MT
18 cm (7")



SS-801-21 MT
21 cm (8 ¼")



SS-801-23 MT
23 cm (9")

TITANIUM

Micro Scissor
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici





SS-804-15 M
15 cm (6 ")



SS-804-18 M
18 cm (7")



SS-804-21 M
21 cm (8 ¼")



SS-804-23 M
23 cm (9")

Micro Scissor
Delicate Blades, Straight





SS-804-15 MT
15 cm (6 ")



SS-804-18 MT
18 cm (7")



SS-804-21 MT
21 cm (8 ¼")



SS-804-23 MT
23 cm (9")

TITANIUM

Micro Scissor
Delicate Blades, Straight

Micro Scissor
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex™



Micro Scissor
Delicate Blades, Curved



SS-805-15 M
15 cm (6 ")



SS-805-18 M
18 cm (7")



SS-805-21 M
21 cm (8 ¼")



SS-805-23 M
23 cm (9")



Micro Scissor
Delicate Blades, Curved



SS-805-15 MT
15 cm (6 ")



SS-805-18 MT
18 cm (7")



SS-805-21 MT
21 cm (8 ¼")



SS-805-23 MT
23 cm (9")

TITANIUM

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia





SS-850-14
Straight



SS-851-14
Curved

UltraCut™ TC Operating Scissor
Blunt/Blunt
Overall Length 14.5 cm (5 ¾")

ULTRACut™

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



SS-852-14
Straight

UltraCut™ TC Operating Scissor
Sharp/Blunt
Overall Length 14.5 cm (5 ¾")

ULTRACut



SS-852-14 SC
Straight

XTSCut™ TC Operating Scissor
Sharp/Blunt
Overall Length 14.5 cm (5 ¾")

XTSCut



SS-853-14
Curved

UltraCut™ TC Operating Scissor
Sharp/Blunt
Overall Length 14.5 cm (5 ¾")

ULTRACut

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia





SS-853-14 SC
Curved

XTSCut™ TC Operating Scissor
Sharp/Blunt
Overall Length 14.5 cm (5 ¾")

XTS-Cut



SS-854-14
Straight



SS-855-14
Curved

UltraCut™ TC Operating Scissor
Sharp/Sharp
Overall Length 14.5 cm (5 ¾")

ULTRA Cut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-860-14
14.5 cm (5 ¾")

SS-860-17
17 cm (6 ¾")

SS-860-23
23 cm (9")

ULTRACut

UltraCut™ TC Mayo Dissecting Scissor
Straight



SS-860-14 SC
14.5 cm (5 ¾")

SS-860-17 SC
17 cm (6 ¾")

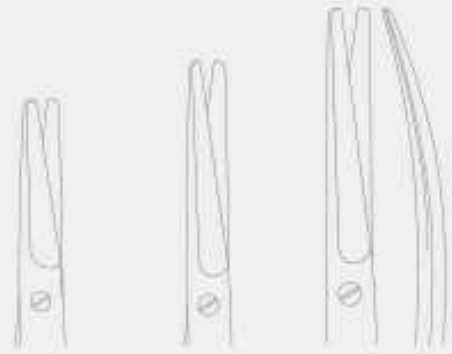
SS-860-23 SC
23 cm (9")

XTSCut

XTSCut™ TC Mayo Dissecting Scissor
Straight

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-861-14
14.5 cm (5 ¾")

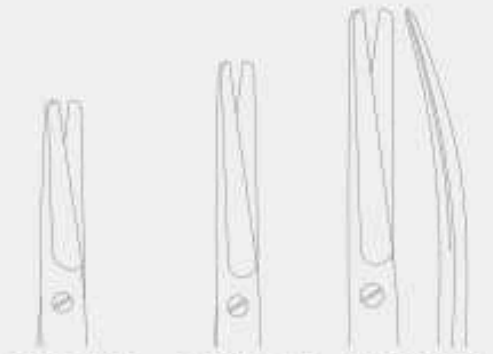
SS-861-17
17 cm (6 ¾")

SS-861-23
23 cm (9")

ULTRACut

UltraCut™ TC Mayo Dissecting Scissor
Curved





SS-861-14 SC
14.5 cm (5 ¾")

SS-861-17 SC
17 cm (6 ¾")

SS-861-23 SC
23 cm (9")

XTSCut

XTSCut™ TC Mayo Dissecting Scissor
Curved

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-890-15
15 cm (6")



SS-890-17
17 cm (6 ¾")

ULTRACut™

UltraCut™ TC Mayo-Stille Dissecting Scissor
Straight





SS-890-15 SC
15 cm (6")



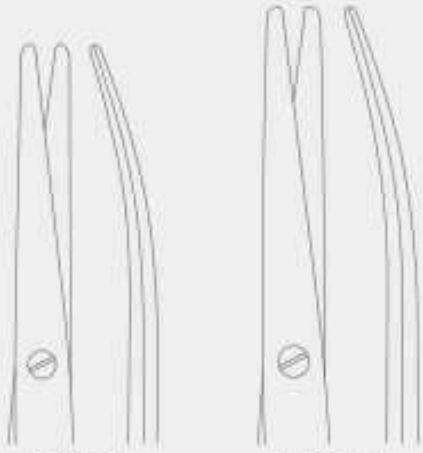
SS-890-17 SC
17 cm (6 ¾")

XTSCut™

XTSCut™ TC Mayo-Stille Dissecting Scissor
Straight

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





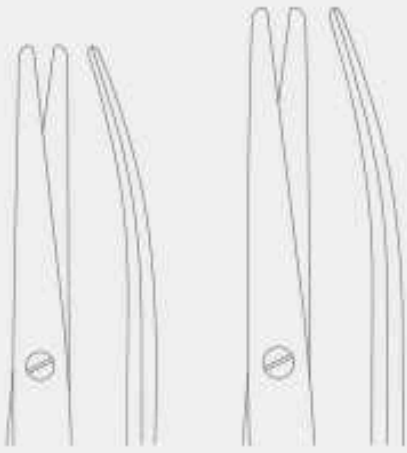
SS-891-15
15 cm (6")

SS-891-17
17 cm (6 ¾")

ULTRACut

UltraCut™ TC Mayo-Stille Dissecting Scissor
Curved





SS-891-15 SC
15 cm (6")

SS-891-17 SC
17 cm (6 ¾")

XTSCut

XTSCut™ TC Mayo-Stille Dissecting Scissor
Curved

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-900-11
Straight

SS-901-11
Curved

ULTRA Cut

UltraCut™ TC Metzenbaum Dissecting Scissor
Overall Length 11.5 cm (4 ½")



SS-902-14
Straight

SS-903-14
Curved

ULTRA Cut

UltraCut™ TC Metzenbaum Dissecting Scissor
Overall Length 14.5 cm (5 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-902-14 SC
Straight



SS-903-14 SC
Curved

XTSCut® TC Metzenbaum Dissecting Scissor
Overall Length 14.5 cm (5 ¾")

XTSCut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



UltraCut™ Metzenbaum Dissecting Scissor
Straight, Blunt/Blunt

ULTRACut



SS-904-18
18 cm (7")



SS-904-20
20.5 cm (8")



SS-904-23
23 cm (9")



SS-904-25
26 cm (10 ¼")



SS-904-28
28.5 cm (11 ¼")



SS-904-30
31 cm (12 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-904-18 SC
18 cm (7")



SS-904-20 SC
20.5 cm (8")



SS-904-23 SC
23 cm (9")

XTSCut

XTSCut™ Metzenbaum Dissecting Scissor
Straight, Blunt/Blunt

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



UltraCut™ Metzenbaum Dissecting Scissor
Curved, Blunt/Blunt

ULTRA Cut



SS-905-18
18 cm (7")



SS-905-20
20.5 cm (8")



SS-905-23
23 cm (9")



SS-905-25
26 cm (10 ¼")



SS-905-28
28.5 cm (11 ¼")



SS-905-30
31 cm (12 ¼")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-905-18 SC
18 cm (7")



SS-905-20 SC
20.5 cm (8")



SS-905-23 SC
23 cm (9")

XTSCut

XTSCut™ Metzenbaum Dissecting Scissor
Curved, Blunt/Blunt

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-907-20
20 cm (8")



SS-907-23
23 cm (9")



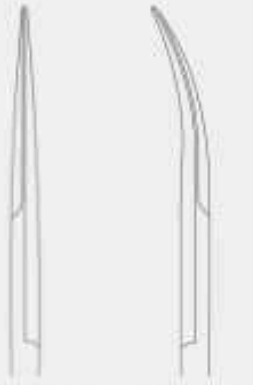
SS-907-28
28 cm (11")

ULTRACut™

UltraCut™ TC Metzenbaum -Thorek Dissecting Scissor
Curved

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-910-14
Straight

SS-911-14
Curved

ULTRA Cut

UltraCut™ TC Joseph Dissecting Scissor
Overall Length 14.5 cm (5 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



UltraCut™ TC Lexer Dissecting Scissor



SS-914-16
Straight
16 cm (6 ¼")



SS-914-21
Straight
21 cm (8 ¼")



SS-915-16
Curved
16 cm (6 ¼")



SS-915-21
Curved
21 cm (8 ¼")

ULTRACut



XTSCut™ TC Lexer Dissecting Scissor



SS-914-16 SC
Straight
16 cm (6 ¼")



SS-915-16 SC
Curved
16 cm (6 ¼")

XTSCut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-917-16
UltraCut™ TC Mayo-Lexer Dissecting Scissor
Curved
Overall Length 16 cm (6 ¼")

ULTRACut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione







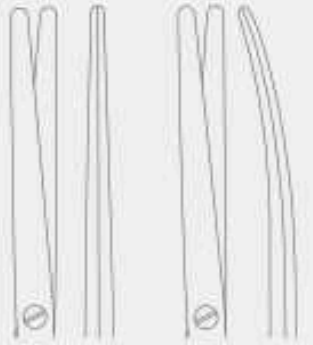
SS-920-14
Straight

SS-921-14
Curved

ULTRA Cut

UltraCut™ TC Metzenbaum-Fine Delicate Dissecting Scissor
Slender Pattern
Overall Length 14.5 cm (5 ¾")





SS-920-14 SC
Straight

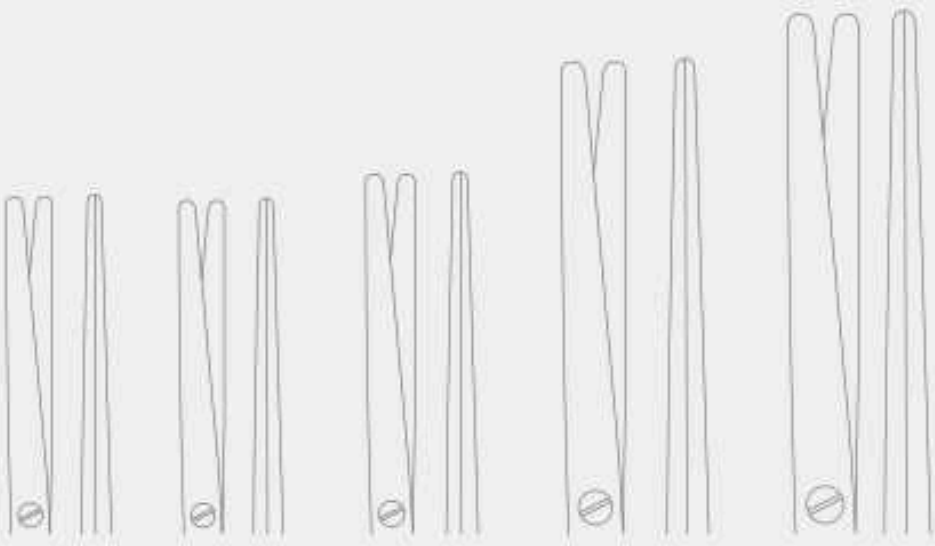
SS-921-14 SC
Curved

XTSCut

XTSCut™ TC Metzenbaum-Fine Delicate Dissecting Scissor
Slender Pattern
Overall Length 14.5 cm (5 ¾")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





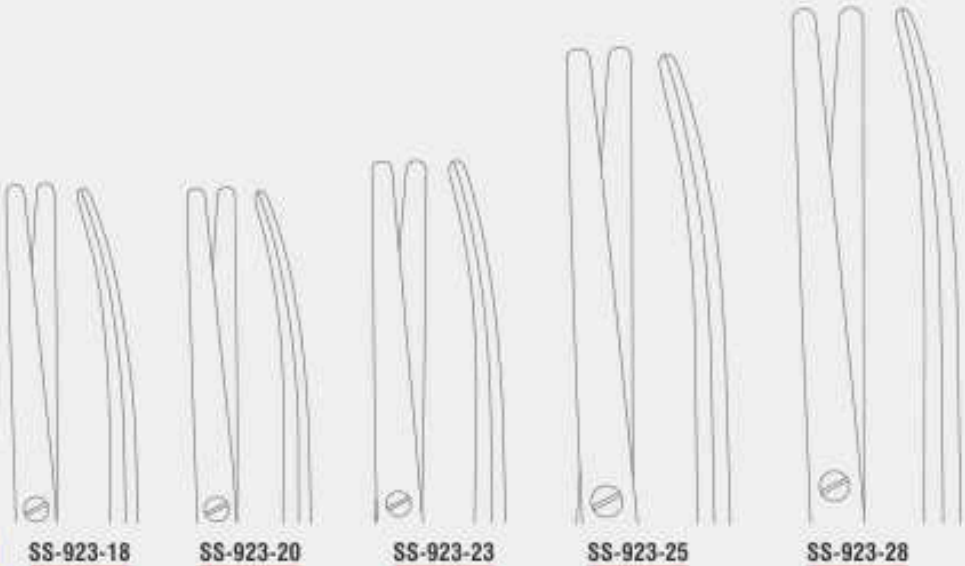
SS-922-18
Straight
18 cm (7")

SS-922-20
Straight
20.5 cm (8")

SS-922-23
Straight
23 cm (9")

SS-922-25
Straight
25 cm (9 ¾")

SS-922-28
Straight
28 cm (11")



SS-923-18
Curved
18 cm (7")

SS-923-20
Curved
20.5 cm (8")

SS-923-23
Curved
23 cm (9")

SS-923-25
Curved
25 cm (9 ¾")

SS-923-28
Curved
28.5 cm (11 ¼")

UltraCut™ TC Metzenbaum-Fine Delicate Dissecting Scissor
Slender Pattern

ULTRA Cut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



XTSCut™ TC Metzenbaum-Fine Delicate Dissecting Scissor
Slender Pattern

XTS-Cut



SS-922-18 SC
Straight
18 cm (7")



SS-922-20 SC
Straight
20.5 cm (8")



SS-922-23 SC
Straight
23 cm (9")



SS-923-18 SC
Curved
18 cm (7")



SS-923-20 SC
Curved
20.5 cm (8")



SS-923-23 SC
Curved
23 cm (9")

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-926-14
Sharp, Straight



SS-927-14
Sharp, Curved

UltraCut™ TC Metzenbaum-Fine Delicate Dissecting Scissor
Overall Length 14.5 cm (5 ¾")

ULTRA Cut





SS-928-18
Straight
18 cm (7")



SS-928-20
Straight
20 cm (8")

UltraCut™ TC Metzenbaum-Fine Delicate Dissecting Scissor
Sharp, Straight

ULTRA Cut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-931-14

UltraCut™ TC Metzenbaum-Lahey Dissecting Scissor
Overall Length 14.5 cm (5 ¾")

ULTRACut



Curved, Slender Pattern

SS-933-17
UltraCut™ TC Toennis-Adson Dissecting Scissor
Overall Length 17.5 cm (7")

ULTRACut

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-935-20
Curved
20.5 cm (8)"



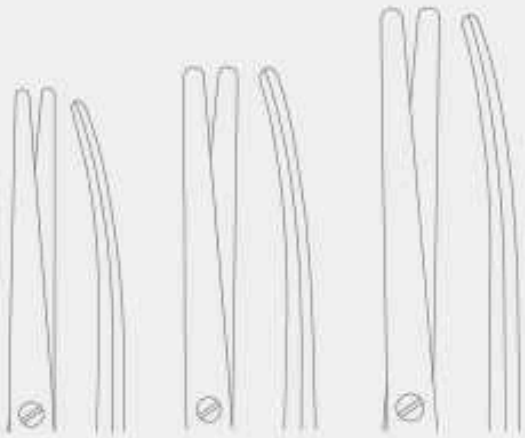
SS-935-23
Curved
23 cm (9)"

ULTRA Cut

UltraCut™ TC Metzenbaum-Lahey Dissecting Scissor
Slender Pattern

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione





SS-937-18
18 cm (7")

SS-937-20
20.5 cm (8")

SS-937-23
23 cm (9")

ULTRA Cut

UltraCut™ TC Metzenbaum-Fine Dissecting Scissor
Curved, S Shaped, Slender Pattern

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



UltraCut™ TC Stevens Tenotomy Scissor

ULTRA Cut



SS-972-10
Straight
Blunt/Blunt
10.5 cm (4 ¼")



SS-972-11
Straight
Blunt/Blunt
11.5 cm (4 ½")



SS-973-10
Curved
Blunt/Blunt
10.5 cm (4 ¼")



SS-973-11
Curved
Blunt/Blunt
11.5 cm (4 ½")



SS-974-10
Straight
Sharp/Sharp
10.5 cm (4 ¼")



SS-974-11
Straight
Sharp/Sharp
11.5 cm (4 ½")



SS-975-10
Curved
Sharp/Sharp
10.5 cm (4 ¼")



SS-975-11
Curved
Sharp/Sharp
11.5 cm (4 ½")

Iris Scissors
Irisscheren
Tijeras para iridectomía
Ciseaux à iridectomie
Forbici per iridectomia





SS-978-11
Straight



SS-979-11
Curved

UltraCut™ TC Iris Scissor
Overall Length 11.5 cm (4 ½")

ULTRACut



SS-978-11 SC
Straight



SS-979-11 SC
Curved

XTSCut™ TC Iris Scissor
Overall Length 11.5 cm (4 ½")

XTSCut

Vascular Scissors
Gefäßscheren
Tijeras vasculares
Ciseaux vasculaires
Forbici vascolari

infinex™



DeBakey Vascular Scissor
With TC Insert



SS-981-25 M
Angled 25°
19 cm (7 ½")



SS-983-25 M
Angled 25°
23 cm (9")



SS-981-45 M
Angled 45°
18.5 cm (7 ¼")



SS-983-45 M
Angled 45°
23 cm (9")



SS-981-60 M
Angled 60°
18 cm (7")



SS-983-60 M
Angled 60°
22 cm (8 ¾")

Iris Scissors, Dissecting Scissors
Irisscheren, Präparierscheren
Tijeras para iridectomía, Tijeras de disección
Ciseaux à iridectomie, Ciseaux à dissection
Forbici per iridectomia, Forbici per dissezione



SS-985-11
UltraCut™ TC Iris Scissor
Angled
Overall Length 11 cm (4 ½")

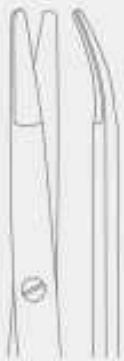
ULTRA Cut



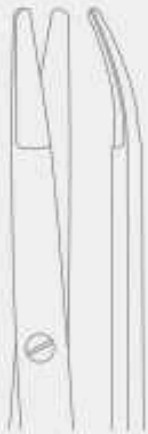
UltraCut™ TC Ragnell (Kilner) Dissecting Scissor
Curved

ULTRA Cut

SS-987-12
12.5 cm (5")



SS-987-15
15 cm (6")

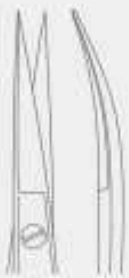


SS-987-18
18 cm (7")



UltraCut™ TC Kelly Dissecting Scissor
Overall Length 16 cm (6 ¼")

SS-988-16
Straight



SS-989-16
Curved

ULTRA Cut

Wire Cutting Scissors
Drahtscheren
Tijeras para cortar hilos de acero
Ciseaux coupe-fil
Forbici per tagliare fili metallic



SS-991-12
UltraCut™ TC Universal Wire Cutting Scissor
Angled One Toothed Cutting Edge
Overall Length 12.5 cm (5")

ULTRA Cut



SS-992-16
UltraCut™ TC Smith Wire Cutting Scissor
Angled One Toothed Cutting Edge
Overall Length 16 cm (6 ¼")

ULTRA Cut

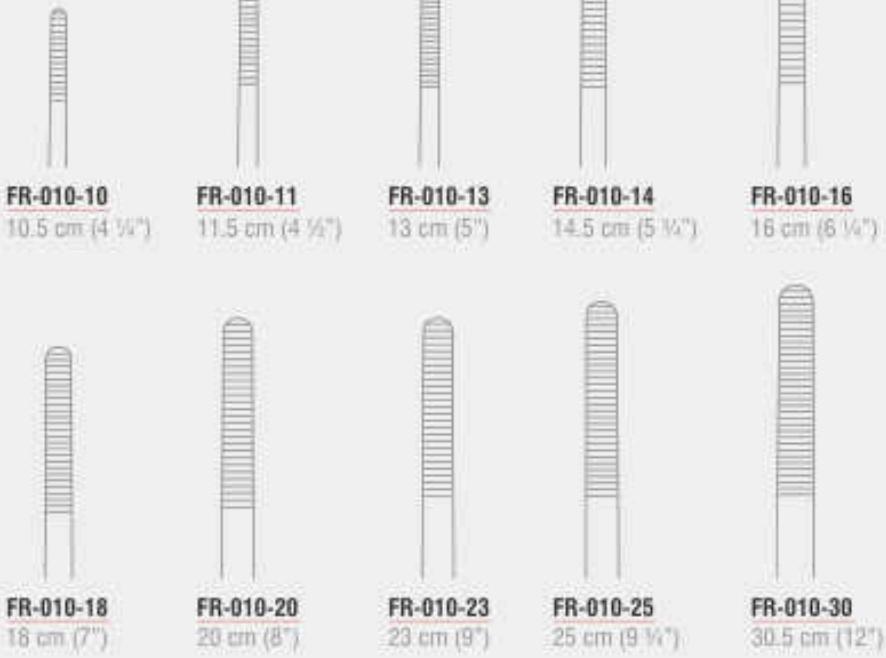


ULTRA Cut

SS-999-18
UltraCut™ TC Lister Bandage Scissor
Overall Length 18 cm (7")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi





FR-010-10
10.5 cm (4 ¼")

FR-010-11
11.5 cm (4 ½")

FR-010-13
13 cm (5")

FR-010-14
14.5 cm (5 ¾")

FR-010-16
16 cm (6 ¼")

FR-010-18
18 cm (7")

FR-010-20
20 cm (8")

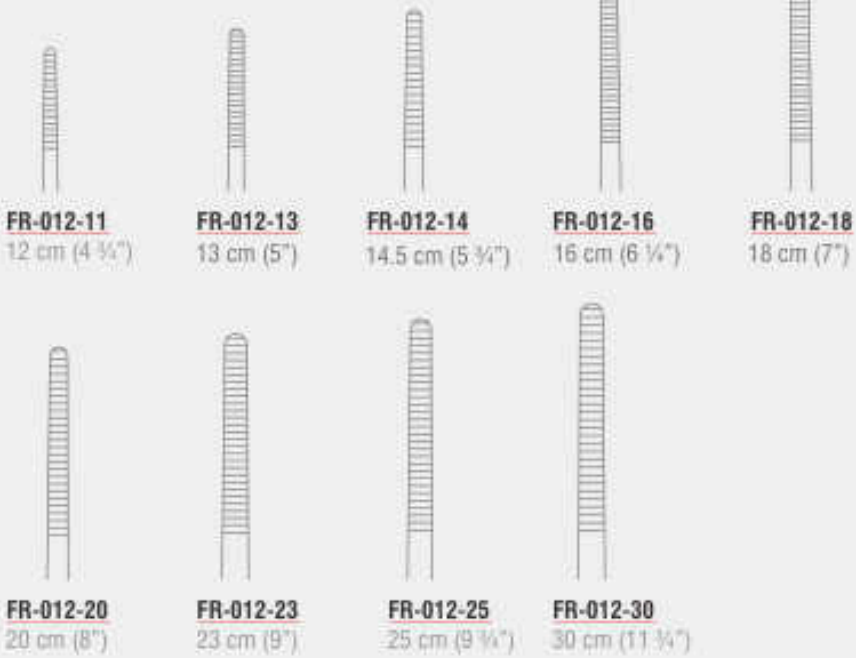
FR-010-23
23 cm (9")

FR-010-25
25 cm (9 ¾")

FR-010-30
30.5 cm (12")

Standard Pattern Dressing Forcep
Straight, Serrated





FR-012-11
12 cm (4 ¾")

FR-012-13
13 cm (5")

FR-012-14
14.5 cm (5 ¾")

FR-012-16
16 cm (6 ¼")

FR-012-18
18 cm (7")

FR-012-20
20 cm (8")

FR-012-23
23 cm (9")

FR-012-25
25 cm (9 ¾")

FR-012-30
30 cm (11 ¾")

Slender Pattern Dressing Forcep
Straight, Serrated

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi





FR-013-13
13 cm (5")



FR-013-14
14 cm (5 ½")



FR-013-16
16 cm (6 ¼")

Slender Pattern Dressing Forcep
Curved, Serrated





FR-016-13
13 cm (5")



FR-016-14
14.5 cm (5 ¾")



FR-016-16
16 cm (6 ¼")



FR-016-18
18 cm (7")



FR-016-20
20 cm (8")

Fine Pattern Dressing Forcep
Straight ,Serrated

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi





FR-030-15
Stille Dressing Forcep
Round Tips
Overall Length 15 cm (6")



Stille Dressing Forcep
Square Tips



FR-035-15
15 cm (6")



FR-035-17
17 cm (6 ¾")



FR-035-20
20 cm (8")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-040-15
Treves Dressing Forcep
Overall Length 15 cm (6")



Adson Dressing Forcep



FR-050-12
12 cm (4 ¾")



FR-050-15
15 cm (6")



FR-050-18
18 cm (7")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-051-12
Adson Dressing Forcep
Curved
Overall Length 12 cm (4 ¾")



FR-052-12
Mini Adson Dressing Forcep
Cross Serrated Tips
Overall Length 12 cm (4 ¾")



Micro Adson Dressing Forcep



FR-054-12
12 cm (4 ¾")



FR-054-15
15 cm (6")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-060-15
McIndoe Dressing Forcep
Overall Length 15 cm (6")



Semken Dressing Forcep

FR-070-12
12.5 cm (5")

FR-070-15
15 cm (6")



FR-074-17
Taylor Dressing Forcep
Overall Length 17 cm (6 ¾")



FR-076-17
Taylor Dressing Forcep
With Dissector End
Overall Length 17 cm (6 ¾")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-078-17
Taylor Dressing Forcep
Bayonet Shaped, With Dissector End
Overall Length 18.5 cm (7 ¼")



Turner Micro Dressing Forcep
Overall Length 15.5 cm (6")



FR-080-06
0.6 mm

FR-080-08
0.8 mm

FR-080-10
1.0 mm

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi







FR-084-17
17.5 cm (7")

FR-084-23
23 cm (9")

Gerald Dressing Forcep
Straight



FR-085-17
Gerald Dressing Forcep
Curved
Overall Length 17.5 cm (7")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



Cushing Dressing Forcep
Straight



FR-090-17
17.5 cm (7")



FR-090-20
20 cm (8")



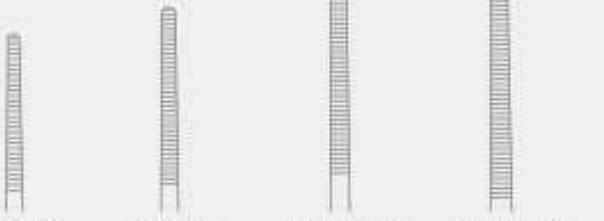
FR-090-25
25 cm (9 ¾")



FR-091-17
Cushing Dressing Forcep
Curved
Overall Length 17.5 cm (7")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi





FR-094-18
18 cm (7")

FR-094-21
21 cm (8 ¼")

FR-094-25
24.5 (9 ¾")

FR-094-30
30 cm (11 ¾")

Potts-Smith Dressing Forcep



FR-096-15
Dressing Forcep
Overall Length 15.5 cm (6")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-100-15
Gillies Dressing Forcep
Overall Length 15 cm (6")



FR-102-20
Waugh Dressing Forcep
Cross Serrated
Overall Length 20 cm (8")



Brophy Dressing Forcep
Overall Length 20 cm (8")



FR-104-20
Straight



FR-105-20
Curved

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-108-20
Cooley Dressing Forcep
Cross Serrated Jaws
Overall Length 20 cm (8")



FR-111-20
Dressing Forcep
Angled
Overall Length 20 cm (8")



FR-112-13
Fricke Ligature Forcep
With Lock
Overall Length 13 cm (5")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



FR-114-14
Ochsner Dressing Forcep
Longitudinal Serrations
Overall Length 14.5 cm (5 ¾")



FR-116-17
Bonney Dressing Forcep
Overall Length 17.5 cm (7")



FR-118-18
Ramsey Dressing Forcep
Overall Length 18 cm (7")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-200-10
10.5 cm (4 ¼")



FR-200-11
11.5 cm (4 ½")



FR-200-13
13 cm (5")



FR-200-14
14.5 cm (5 ¾")



FR-200-16
16 cm (6 ¼")



FR-200-18
18 cm (7")



FR-200-20
20 cm (8")



FR-200-23
23 cm (9")



FR-200-25
25 cm (9 ¾")



FR-200-30
30.5 cm (12")

Standard Pattern Dissecting Forcep
Straight, 1 x 2 Teeth







FR-202-11
12 cm (4 ¾")



FR-202-13
13 cm (5")



FR-202-14
14.5 cm (5 ¾")



FR-202-16
15.5 cm (6")



FR-202-18
18 cm (7")



FR-202-20
20 cm (8")



FR-202-25
24.5 cm (9 ¾")

Standard Pattern Dissecting Forcep
Straight, 2 x 3 Teeth



Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-204-14
14.5 cm (5 ¾")

FR-204-16
16 cm (6 ¼")

Standard Pattern Dissecting Forcep
Straight, 3 x 4 Teeth

3:4





FR-206-14
14.5 cm (5 ¾")

FR-206-16
16 cm (6 ¼")

Standard Pattern Dissecting Forcep
Straight, 4 x 5 Teeth

4:5

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-210-13
13 cm (5")



FR-210-14
14.5 cm (5 ¾")



FR-210-16
16 cm (6 ¼")



FR-210-18
18 cm (7")



FR-210-20
20 cm (8")



FR-210-25
25 cm (9 ¾")



FR-210-30
30.5 cm (12")

Slender Pattern Dissecting Forcep
Straight, 1 x 2 Teeth







FR-211-14
14.5 cm (5 ¾")



FR-211-16
16 cm (6 ¼")

Slender Pattern Dissecting Forcep
Curved, 1 x 2 Teeth







FR-214-13
13 cm (5")



FR-214-14
14.5 cm (5 ¾")



FR-214-16
16 cm (6 ¼")



FR-214-18
18 cm (7")

Fine Pattern Dissecting Forcep
Straight, 1 x 2 Teeth



Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-230-15
1 x 2 Teeth



FR-232-15
2 x 3 Teeth

Stille Dissecting Forcep
Overall Length 15 cm (6")





FR-234-15
Stone Dissecting Forcep
Overall Length 15 cm (6")

4.5





FR-236-15
Lerche Dissecting Forcep
Overall Length 15 cm (6")

5.6

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-240-15
15.5 cm (6")



FR-240-20
20.5 cm (8")

Adlercreutz Dissecting Forcep
2 x 3 Teeth

2:3





FR-242-15
18 cm (6 ¼")



FR-242-20
20 cm (8")



FR-242-25
25 cm (9 ¾")

Adlercreutz Dissecting Forcep
4 x 5 Teeth

4:5

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-250-12
12 cm (4 ¾")



FR-250-15
15 cm (6")



FR-250-18
18 cm (7")



FR-252-12
Straight



FR-253-12
Curved



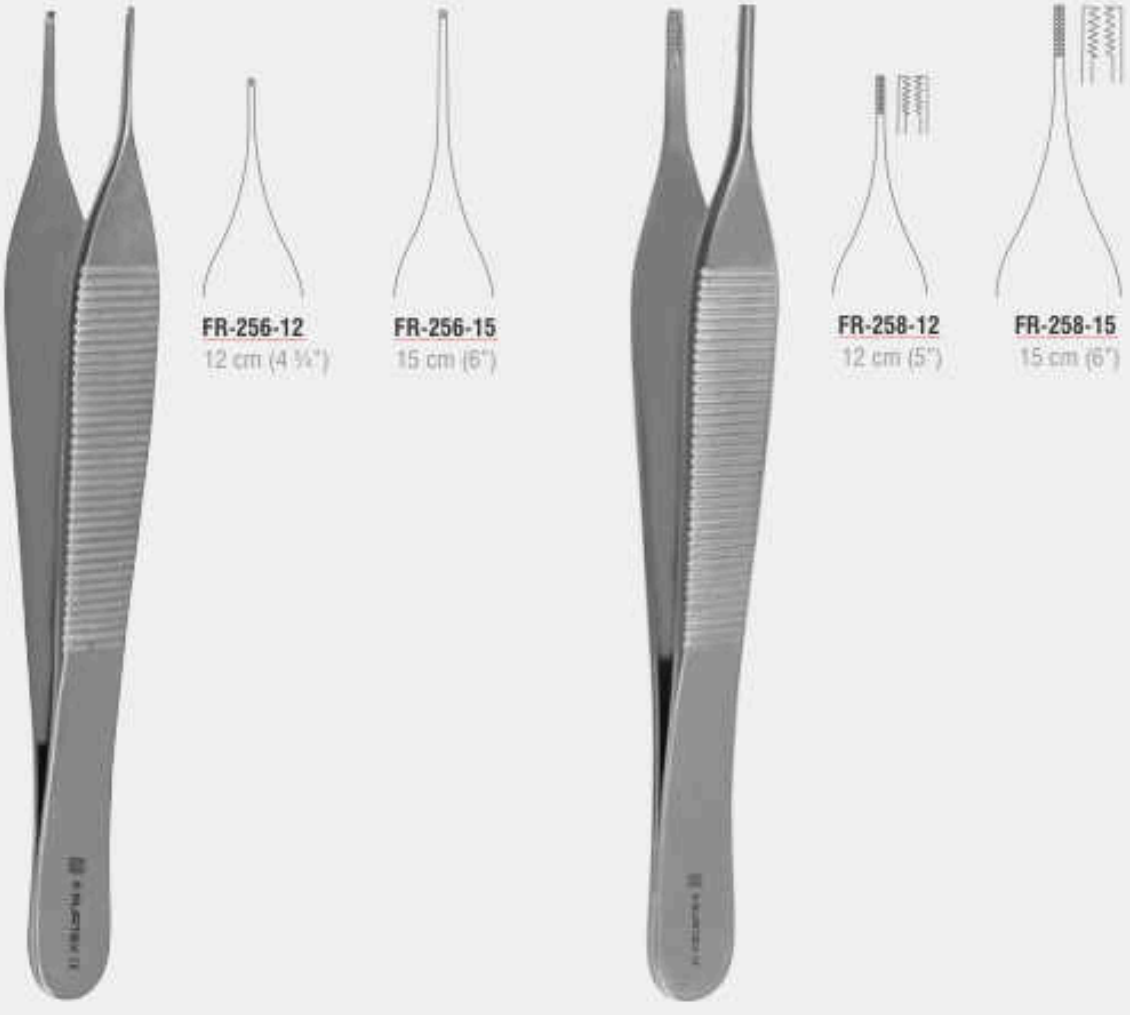
Adson Dissecting Forcep
1 x 2 Teeth

1:2

Mini-Adson Dissecting Forcep
1 x 2 Teeth, Cross Serrated
Overall Length 12 cm (4 ¾")

1:2

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-256-12
12 cm (4 ¾")

FR-256-15
15 cm (6")

FR-258-12
12 cm (5")

FR-258-15
15 cm (6")

Micro-Adson Dissecting Forcep
1 x 2 Teeth

1:2

Adson-Brown Dissecting Forcep
7 x 7 Teeth

7:7

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-260-12
Adson-Brown Dissecting Forcep
9 x 9 Teeth
Overall Length 12 cm (5")

9:9



FR-270-15
Gillies Dissecting Forcep
1 x 2 Teeth, Cross Serrated
Overall Length 15.5 cm (6")

1:2

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-272-18
18 cm (7")

FR-272-20
20.5 cm (8")

FR-272-25
25 cm (10")

FR-272-30
30.5 cm (12")

Waugh Dissecting Forcep
1 x 2 Teeth, Cross Serrated

1:2

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-274-12
12.5 cm (5")

FR-274-15
15.5 cm (6")

Semken Dissecting Forcep
1 x 2 Teeth

1:2



FR-280-17
Taylor Dissecting Forcep
1 x 2 Teeth
Overall Length 17.5 cm (7")

1:2



FR-282-17
Taylor Dissecting Forcep
1 x 2 Teeth, With Dissector End
Overall Length 17 cm (6 ¾")

1:2

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-283-17
Taylor Dissecting Forcep
1 x 2 Teeth, Bayonet Shaped
Overall Length 18.5 cm (7 ¼")

1:2



FR-286-06
0.6 mm

FR-286-08
0.8 mm

FR-286-10
1.0 mm

Dissecting Forcep
1 x 2 Teeth
Overall Length 15.5 cm (6")

1:2

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





Gerald Dissecting Forcep
1 x 2 Teeth

1:2



FR-290-17
Straight
17.5 cm (7")

FR-290-23
Straight
23 cm (9")

FR-291-17
Curved
17 cm (6 ¾")



Cushing Dissecting Forcep
1 x 2 Teeth

1:2



FR-294-18
18 cm (7")

FR-294-20
20 cm (8")

FR-294-25
25 cm (9 ¾")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-296-18
18 cm (7")

FR-296-21
21 cm (8 ¼")

FR-296-25
24 cm (9 ½")

Potts-Smith Dissecting Forcep
1 x 2 Teeth

1:2



FR-298-15
McIndoe Dissecting Forcep
1 x 2 Teeth
Overall Length 15 cm (6")

1:2



FR-300-20
Brophy Dissecting Forcep
1 x 2 Teeth
Overall Length 20 cm (8")

1:2

Jeweller Type Forceps
Uhrmacher-Pinzetten
Pinzas de relojero
Pinces d´horloger
Pinze da orologiaio



FR-310-01
Jeweller Forcep
Fig. 1
Overall Length 12 cm (5")



FR-310-02
Jeweller Forcep
Fig. 2
Overall Length 12 cm (5")



FR-310-03
Jeweller Forcep
Fig. 3
Overall Length 12 cm (4 ¾")



FR-310-04
Jeweller Forcep
Fig. 4
Overall Length 11 cm (4 ¼")

Jeweller Type Forceps
Uhrmacher-Pinzetten
Pinzas de relojero
Pinces d´horloger
Pinze da orologiaio



FR-310-05
Jeweller Forcep
Fig. 5
Overall Length 11 cm (4 ¼")



FR-310-07
Jeweller Forcep
Fig. 7
Overall Length 12 cm (4 ¾")



FR-310-13
Jeweller Forcep
Fig. 3C
Overall Length 11 cm (4 ¼")



FR-310-15
Jeweller Forcep
Fig. 5A
Overall Length 11 cm (4 ¼")

Jeweller Type Forceps
Uhrmacher-Pinzetten
Pinzas de relojero
Pinces d´horloger
Pinze da orologiaio



FR-310-45
Jeweller Forcep
Fig. 5/45°
Overall Length 10.5 cm (4 ¼")



FR-310-90
Jeweller Forcep
Fig. 5/90°
Overall Length 10.5 cm (4 ¼")



FR-313-13
Jeweller Forcep
1 x 2 Teeth, 0.4 mm
Overall Length 11.5 cm (4 ½")

1:2

Jeweller Type Forceps
Uhrmacher-Pinzetten
Pinzas de relojero
Pinces d´horloger
Pinze da orologiaio



FR-316-13
Jeweller Forcep
0.3 mm
Overall Length 13.5 cm (5 ¼")



FR-318-13
Jeweller Forcep
1 x 2 Teeth, 0.4 mm
Overall Length 13.5 cm (5 ¼")



FR-320-12
Jeweller Forcep
Straight, With Plateau, 0.3 mm
Overall Length 12 cm (3 ¾")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione







FR-322-13
Straight

FR-323-13
Curved

Vise Micro Jeweller Forcep
With Plateau, 0.3 mm
Overall Length 13.5 cm (5 ¼")



FR-328-15
Selman Dissecting Forcep
Overall Length 15.5 cm (6")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-330-15
15 cm (6")



FR-330-20
20 cm (8")



FR-330-25
25.5 cm (10")



Russian Modell Dissecting Forcep



FR-332-14
14.5 cm (5 ¾")



FR-332-16
16 cm (6 ¼")



FR-332-20
20.5 cm (8")



Durante Dissecting Forcep



FR-334-18
18 cm (7")





FR-334-20
20 cm (8")





FR-334-25
25 cm (9 ¾")

Stille-Barraya Dissecting Forcep

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-336-18
Ferris-Smith Dissecting Forcep
2 x 3 Teeth
Overall Length 18 cm (7")

2:3



FR-338-18
Bonney Dissecting Forcep
1 x 2 Teeth
Overall Length 17.5 cm (7")

1:2



FR-340-23
Mayo (Russian) Dissecting Forcep
Overall Length 23 cm (9")



Singley-Tuttle Dissecting Forcep



FR-344-18
18 cm (7")



FR-344-23
23 cm (7")

Tissue Forceps
Chirurgische Pinzetten
Pinzas de disección con diente
Pinces à dissection à griffes
Pinze per dissezione con denti

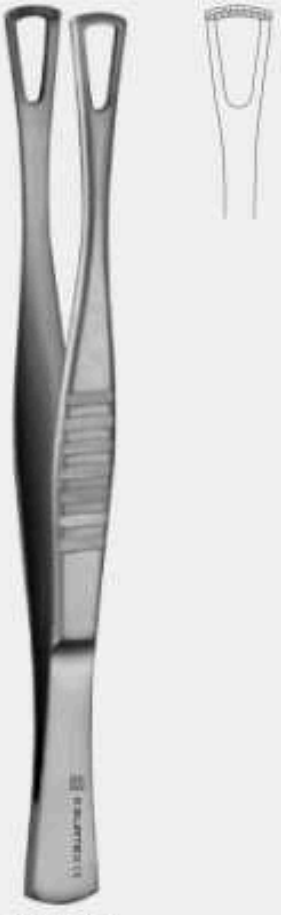


FR-348-14
14.0 mm

FR-348-18
18.0 mm

FR-348-23
23.0 mm

Collin-Duval Tissue Grasping Forcep
Overall Length 20 cm (8")



FR-350-14
Duval Tissue Forcep
Overall Length 14 cm (5 ½")



FR-352-19
Denis-Browne Intestinal Forcep
Overall Length 19 cm (7 ½")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-354-15
16 cm (6")

FR-354-23
23 cm (9")

Nelson Dissecting Forcep
6 x 7 Teeth





FR-360-12
1 x 2 Teeth
12.5 cm (5")



FR-360-14
1 x 2 Teeth
14.5 cm (5 ¾")





FR-360-17
1 x 2 Teeth
17.5 cm (7")



FR-362-14
2 x 3 Teeth
14.5 cm (5 ¾")

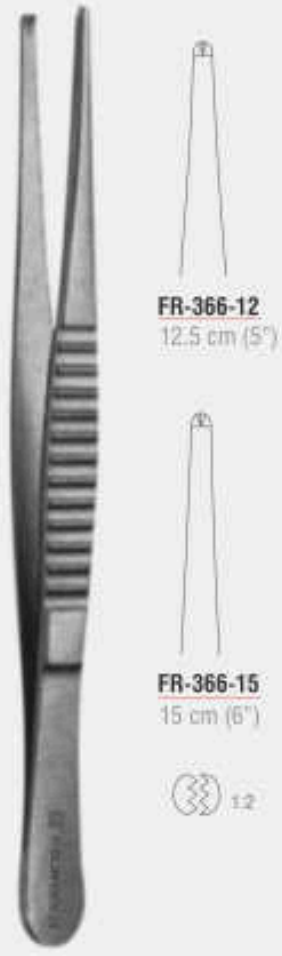




FR-362-17
2 x 3 Teeth
17.5 cm (7")

Lane Dissecting Forcep

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione

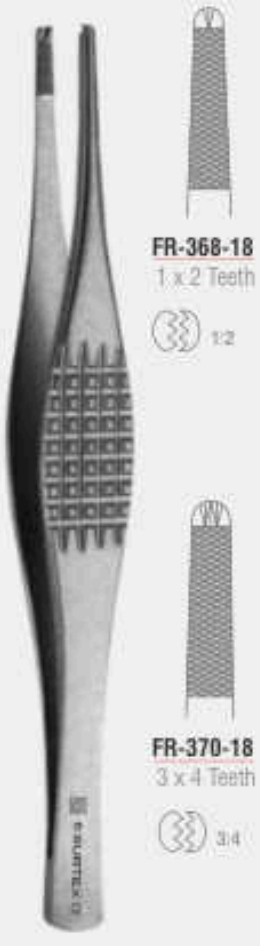


FR-366-12
12.5 cm (5")

FR-366-15
15 cm (6")

1:2

Treves Dissecting Forcep
1 x 2 Teeth



FR-368-18
1 x 2 Teeth

1:2

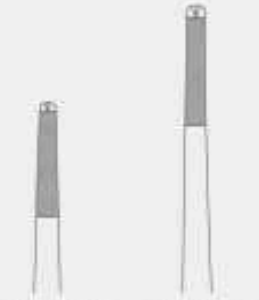
FR-370-18
3 x 4 Teeth

3:4

Ramsey Dissecting Forcep
Overall Length 18 cm (7")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-374-15
15 cm (6")

FR-374-20
20 cm (8")

Strassburger Modell Dissecting Forcep
1 x 2 Teeth

1:2



FR-376-14
Jackson-Burrows Dissecting Forcep
1 x 2 Teeth, With Platform
Overall Length 14 cm (5 ½")

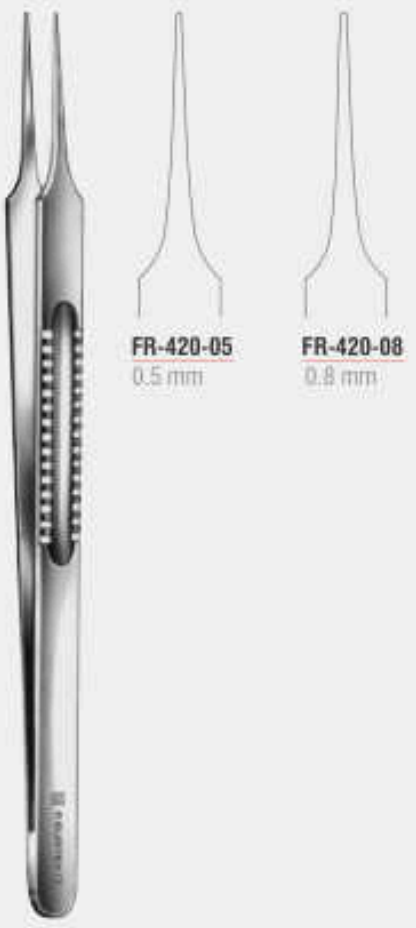
1:2



FR-378-18
Charnley Dissecting Forcep
1 x 2 Teeth, With Platform
Overall Length 18 cm (7")

1:2

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze



FR-420-05
0.5 mm

FR-420-08
0.8 mm

Lazar Micro Suturing Forcep
Overall Length 15.5 cm (6")



FR-422-18
Micro Suturing Forcep
0.5 mm, With Platform
Overall Length 18.5 cm (7 ¼")



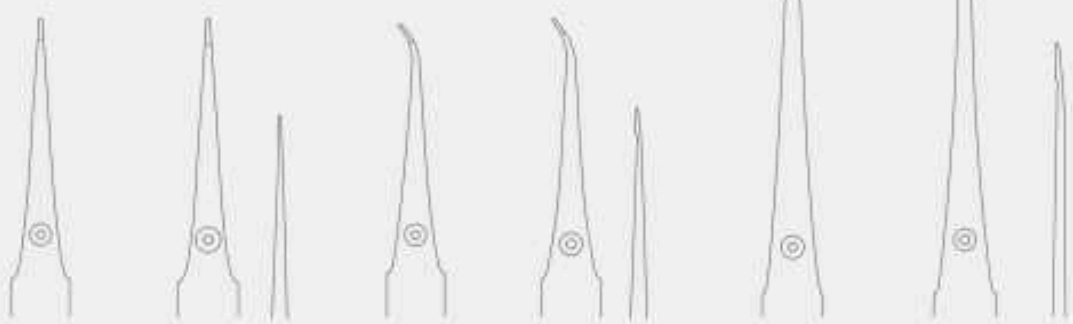
FR-424-14
Austin Micro Suturing Forcep
0.8 mm, With Platform
Overall Length 14 cm (5 ½")

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



Micro Suturing Forcep



FR-430-12 M
12 cm (4 ¾")
0.3 mm
Straight Tip

FR-430-15 M
15 cm (6")
0.3 mm
Straight Tip

FR-431-12 M
12 cm (4 ¾")
0.3 mm
Curved Tip

FR-431-15 M
15 cm (6")
0.3 mm
Curved Tip

FR-432-18 M
18 cm (7")
0.5 mm
Straight Tip

FR-433-18 M
18 cm (7")
0.5 mm
Curved Tip

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze



FR-500-15 M
15 cm (6 ")

FR-500-18 M
18 cm (7")

FR-500-21 M
21 cm (8 ¼")

FR-500-23 M
23 cm (9")

FR-500-25 M
25 cm (10")

Micro Forcep
Straight Tip, With Tying Platform
Working End 0.4 x 6 mm

MAGNA



FR-500-15 MT
15 cm (6 ")

FR-500-18 MT
18 cm (7")

FR-500-21 MT
21 cm (8 ¼")

FR-500-23 MT
23 cm (9")

FR-500-25 MT
25 cm (10")

Micro Forcep
Straight Tip, With Tying Platform
Working End 0.4 x 6 mm

MAGNA

TITANIUM

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



FR-501-15 M
15 cm (6 ")

FR-501-18 M
18 cm (7")

FR-501-21 M
21 cm (8 ¼")

FR-501-23 M
23 cm (9")

FR-501-25 M
25 cm (10")

Micro Forcep
Curved Tip, With Tying Platform
Working End 0.4 x 6 mm

MAGNA™



FR-501-15 MT
15 cm (6 ")

FR-501-18 MT
18 cm (7")

FR-501-21 MT
21 cm (8 ¼")

FR-501-23 MT
23 cm (9")

FR-501-25 MT
25 cm (10")

Micro Forcep
Curved Tip, With Tying Platform
Working End 0.4 x 6 mm

MAGNA™

TITANIUM

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze



FR-504-15 M
15 cm (6 ")

FR-504-18 M
18 cm (7")

FR-504-21 M
21 cm (8 ¼")

FR-504-23 M
23 cm (9")

FR-504-25 M
25 cm (10")

Micro Forcep
Straight Tip, With Tying Platform
Working End 0.8 x 6 mm

MAGNA™



FR-504-15 MT
15 cm (6 ")

FR-504-18 MT
18 cm (7")

FR-504-21 MT
21 cm (8 ¼")

FR-504-23 MT
23 cm (9")

FR-504-25 MT
25 cm (10")

Micro Forcep
Straight Tip, With Tying Platform
Working End 0.8 x 6 mm

MAGNA™

TITANIUM

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



FR-505-15 M
15 cm (6 ")

FR-505-18 M
18 cm (7")

FR-505-21 M
21 cm (8 ¼")

FR-505-23 M
23 cm (9")

FR-505-25 M
25 cm (10")

MAGNA™

Micro Forcep
Curved Tip, With Tying Platform
Working End 0.8 x 6 mm



FR-505-15 MT
15 cm (6 ")

FR-505-18 MT
18 cm (7")

FR-505-21 MT
21 cm (8 ¼")

FR-505-23 MT
23 cm (9")

FR-505-25 MT
25 cm (10")

MAGNA™ TITANIUM™

Micro Forcep
Curved Tip, With Tying Platform
Working End 0.8 x 6 mm

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze



FR-508-15 M
15 cm (6")

FR-508-18 M
18 cm (7")

FR-508-21 M
21 cm (8 ¼")

MAGNA

Micro Forcep
Straight Tip, With Tying Platform
1 x 2 Teeth
Working End 0.4 x 6 mm



FR-508-15 MT
15 cm (6")

FR-508-18 MT
18 cm (7")

FR-508-21 MT
21 cm (8 ¼")

MAGNA

TITANIUM

Micro Forcep
Straight Tip, With Tying Platform
1 x 2 Teeth
Working End 0.4 x 6 mm



FR-509-15 M
15 cm (6")

FR-509-18 M
18 cm (7")

FR-509-21 M
21 cm (8 ¼")

MAGNA

Micro Forcep
Curved Tip, With Tying Platform
1 x 2 Teeth
Working End 0.4 x 6 mm



FR-509-15 MT
15 cm (6")

FR-509-18 MT
18 cm (7")

FR-509-21 MT
21 cm (8 ¼")

MAGNA

TITANIUM

Micro Forcep
Curved Tip, With Tying Platform
1 x 2 Teeth
Working End 0.4 x 6 mm

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze



FR-510-15 M
15 cm (6 ")

FR-510-18 M
18 cm (7")

FR-510-21 M
21 cm (8 ¼")

MAGNÄ

Micro Forcep
Straight Tip, With Tying Platform
1 x 2 Teeth
Working End 0.8 x 6 mm

infinex™



FR-510-15 MT
15 cm (6 ")

FR-510-18 MT
18 cm (7")

FR-510-21 MT
21 cm (8 ¼")

MAGNÄ

TITANIUM

Micro Forcep
Straight Tip, With Tying Platform
1 x 2 Teeth
Working End 0.8 x 6 mm



FR-511-15 M
15 cm (6 ")

FR-511-18 M
18 cm (7")

FR-511-21 M
21 cm (8 ¼")

MAGNÄ

Micro Forcep
Curved Tip, With Tying Platform
1 x 2 Teeth
Working End 0.8 x 6 mm



FR-511-15 MT
15 cm (6 ")

FR-511-18 MT
18 cm (7")

FR-511-21 MT
21 cm (8 ¼")

MAGNÄ

TITANIUM

Micro Forcep
Curved Tip, With Tying Platform
1 x 2 Teeth
Working End 0.8 x 6 mm

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



FR-512-15 M
15 cm (6 ")



FR-512-18 M
18 cm (7")

FR-512-21 M
21 cm (8 ¼")

FR-512-23 M
23 cm (9")

MAGNA™

Micro Ring Tip Forcep
Straight
With Tying Platform
Working End 1.0 x 0.5 mm

infinex

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze



FR-516-15 M
15 cm (6 ")

FR-516-18 M
18 cm (7")

FR-516-23 M
23 cm (9")

FR-516-25 M
25 cm (10")

FR-516-21 M
21 cm (8 ¼")

Micro Ring Tip Forcep
Straight
Working End 1.0 x 0.5 mm

MAGNÄ



FR-516-15 MT
15 cm (6 ")

FR-516-18 MT
18 cm (7")

FR-516-23 MT
23 cm (9")

FR-516-25 MT
25 cm (10")

FR-516-21 MT
21 cm (8 ¼")

Micro Ring Tip Forcep
Straight
Working End 1.0 x 0.5 mm

MAGNÄ

TITANIUM



FR-517-15 M
15 cm (6 ")

FR-517-18 M
18 cm (7")

FR-517-23 M
23 cm (9")

FR-517-25 M
25 cm (10")

FR-517-21 M
21 cm (8 ¼")

Micro Ring Tip Forcep
Curved
Working End 1.0 x 0.5 mm

MAGNÄ



FR-517-15 MT
15 cm (6 ")

FR-517-18 MT
18 cm (7")

FR-517-23 MT
23 cm (9")

FR-517-25 MT
25 cm (10")

FR-517-21 MT
21 cm (8 ¼")

Micro Ring Tip Forcep
Curved
Working End 1.0 x 0.5 mm

MAGNÄ

TITANIUM

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



FR-518-15 M
15 cm (6 ")

FR-518-18 M
18 cm (7")

FR-518-21 M
21 cm (8 ¼")

FR-518-23 M
23 cm (9")

FR-518-25 M
25 cm (10")

MAGNA™

Micro Forcep
Ring Tip, Straight
Working End 2.0 x 1.3 mm



FR-518-15 MT
15 cm (6 ")

FR-518-18 MT
18 cm (7")

FR-518-21 MT
21 cm (8 ¼")

FR-518-23 MT
23 cm (9")

FR-518-25 MT
25 cm (10")

MAGNA™ TITANIUM

Micro Forcep
Ring Tip
Working End 2.0 x 1.3 mm

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™







FR-520-15 M
15 cm (6 ")



FR-520-18 M
18 cm (7")



FR-520-21 M
21 cm (8 ¼")



FR-520-23 M
23 cm (9")

MAGNA™

Micro Atrauma Forcep
With DeBakey Jaws
Working End 1.0 mm







FR-520-15 MT
15 cm (6 ")



FR-520-18 MT
18 cm (7")



FR-520-21 MT
21 cm (8 ¼")



FR-520-23 MT
23 cm (9")

MAGNA™

TITANIUM

Micro Atrauma Forcep
With DeBakey Jaws
Working End 1.0 mm



FR-524-20 M
Micro Forcep
Cross-Serrated Tips
Overall Length 21 cm (8 ¼")

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



Micro Ring Tip Forcep
With Counter Balance
Working End 1.0 x 0.5 mm



FR-530-15 M
15 cm (6 ")



FR-530-18 M
18 cm (7")



FR-530-21 M
21 cm (8 ¼")



FR-530-23 M
23 cm (9")



FR-530-25 M
25 cm (10")



FR-531-15 M
15 cm (6 ")
Curved Tip



FR-531-18 M
18 cm (7")
Curved Tip



FR-531-21 M
21 cm (8 ¼")
Curved Tip



FR-531-23 M
23 cm (9")
Curved Tip



FR-531-25 M
25 cm (10")
Curved Tip

MAGNA

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



Micro Forcep
With Tying Platform & Counter Balance
Working End 0.4 x 6 mm

MAGNA



FR-536-15 M
15 cm (6 ")
Straight Tip



FR-536-18 M
18 cm (7")
Straight Tip



FR-536-21 M
21 cm (8 ¼")
Straight Tip



FR-536-23 M
23 cm (9")
Straight Tip



FR-536-25 M
25 cm (10")
Straight Tip



FR-537-15 M
15 cm (6 ")
Curved Tip



FR-537-18 M
18 cm (7")
Curved Tip



FR-537-21 M
21 cm (8 ¼")
Curved Tip



FR-537-23 M
23 cm (9")
Curved Tip



FR-537-25 M
25 cm (10")
Curved Tip

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™



Micro Forcep
With Tying Platform
& Counter Balance
Working End 0.8 x 6 mm

MAGNA™



FR-538-15 M
15 cm (6 ")
Straight Tip



FR-538-18 M
18 cm (7")
Straight Tip



FR-538-21 M
21 cm (8 ¼")
Straight Tip



FR-538-23 M
23 cm (9")
Straight Tip



FR-538-25 M
25 cm (10")
Straight Tip



FR-539-15 M
15 cm (6 ")
Curved Tip



FR-539-18 M
18 cm (7")
Curved Tip



FR-539-21 M
21 cm (8 ¼")
Curved Tip



FR-539-23 M
23 cm (9")
Curved Tip



FR-539-25 M
25 cm (10")
Curved Tip

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze

infinex™





FR-540-15 M
15 cm (6")



FR-540-18 M
18 cm (7")



FR-540-21 M
21 cm (8 ¼")



FR-540-23 M
23 cm (9")



FR-540-25 M
25 cm (10")

Micro Atrauma Forcep
With DeBakey Jaws & Counter Balance
Working End 1.0 mm

MAGNA™





FR-544-15
15 cm (6")



FR-544-18
18 cm (7")

Micro Vessel Dilator
Ø 0.3 mm
With Counter Balance

MAESTRO™





FR-546-15
15 cm (6")



FR-546-18
18 cm (7")

Micro Pierse Forcep
Ø 0.3 mm
With Counter Balance

MAESTRO™

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze





FR-558-18
1.0 mm
18 cm (7")



FR-558-25
1.0 mm
25 cm (9 ¾")

Gerald Micro Forcep
Cross Serrated Jaws





FR-560-18
18 cm (7")



FR-560-21
20 cm (8")



FR-560-25
25 cm (9 ¾")

Gerald (DeBakey) Micro Atrauma Forcep
Tip Size 1.2 mm

Micro Forceps
Mikropinzetten
Micro Pinzas
Micro-Pinces
Micro-Pinze





FR-560-18 T
18 cm (7")

Gerald (DeBakey) Micro Atrauma Forcep
Tip Size 1.2 mm



FR-568-20
Micro Dressing Forcep
Cross Serrated Jaws
Overall Length 20 cm (8")

Resano Forceps
Resano-Zange
Pinzas Resano
Pince Resano
Pinza Resano



Resano Forcep
Multi-Toothed



FR-570-18
18 cm (7")



FR-570-23
23 cm (9")



FR-570-32
32 cm (12 ½")

Atrauma Forcep
Atrauma-Zange
Pinza de trauma
Pince atraumatique
Atrauma Forcep





FR-580-15
1.2 mm
15 cm (6")

FR-582-20
1.5 mm
20 cm (8")

FR-582-24
1.5 mm
24 cm (9 ½")

FR-582-30
1.5 mm
30 cm (11 ¾")

DeBakey Atrauma Forcep
Ultra Light Pattern

Atrauma Forcep
Atrauma-Zange
Pinza da trauma
Pince atraumatique
Atrauma Forcep





FR-584-15
1.2 mm
15 cm (6")

FR-584-20
1.2 mm
20 cm (8")

FR-584-24
1.2 mm
24 cm (9 ½")

DeBakey Atrauma Forcep





FR-590-16
1.5 mm
16 cm (6 ¼")

FR-590-20
1.5 mm
20 cm (8")

FR-590-24
1.5 mm
24.5 cm (9 ¾")

FR-590-30
1.5 mm
30 cm (11 ¾")

DeBakey Atrauma Forcep

Atrauma Forcep
Atrauma-Zange
Pinza de trauma
Pince atraumatique
Atrauma Forcep





FR-590-16 T
1.5 mm
16 cm (6 ¼")



FR-590-20 T
1.5 mm
20 cm (8")

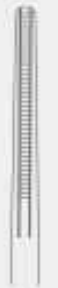


FR-590-24 T
1.5 mm
24.5 cm (9 ¾")

TITANIUM

DeBakey Atrauma Forcep
Titanium





FR-592-16
2.0 mm
16 cm (6 ¼")



FR-592-20
2.0 mm
20 cm (8")



FR-592-24
2.0 mm
24.5 cm (9 ¾")



FR-592-30
2.0 mm
30 cm (11 ¾")

DeBakey Atrauma Forcep

Atrauma Forcep
Atrauma-Zange
Pinza da trauma
Pince atraumatique
Atrauma Forcep





FR-592-16 T
2.0 mm
16 cm (6 ¼")

FR-592-20 T
2.0 mm
20 cm (8")

FR-592-24 T
2.0 mm
24.5 cm (9 ¾")

TITANIUM

DeBakey Atrauma Forcep
Titanium





FR-593-16
2.0 mm
16 cm (6 ¼")

FR-593-20
2.0 mm
19.5 cm (7 ¾")

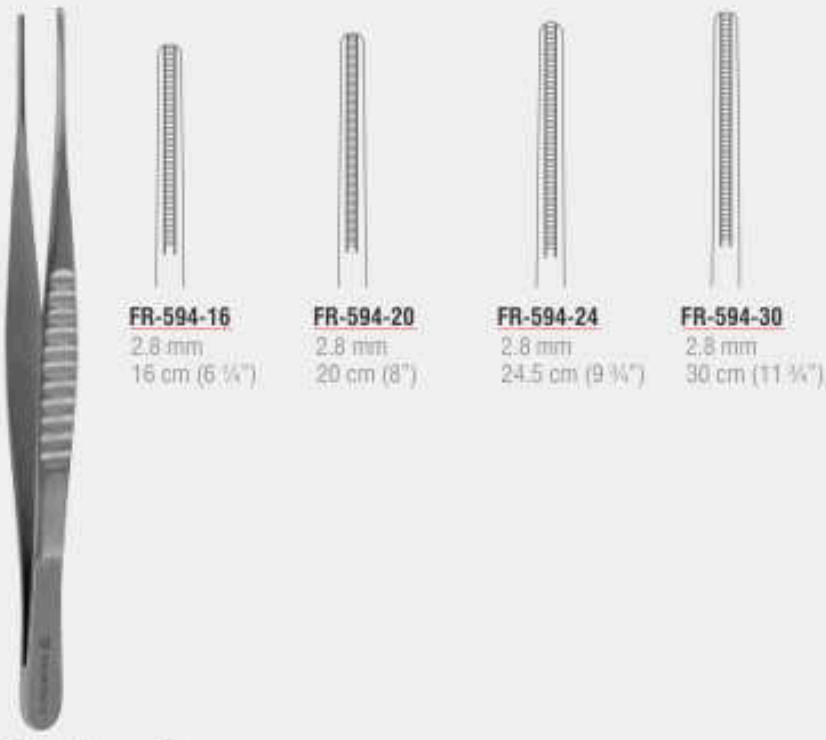
FR-593-24
2.0 mm
24.5 cm (9 ¾")

FR-593-30
2.0 mm
29.5 cm (11 ½")

DeBakey Atrauma Forcep
Angled

Atrauma Forcep
Atrauma-Zange
Pinza de trauma
Pince atraumatique
Atrauma Forcep





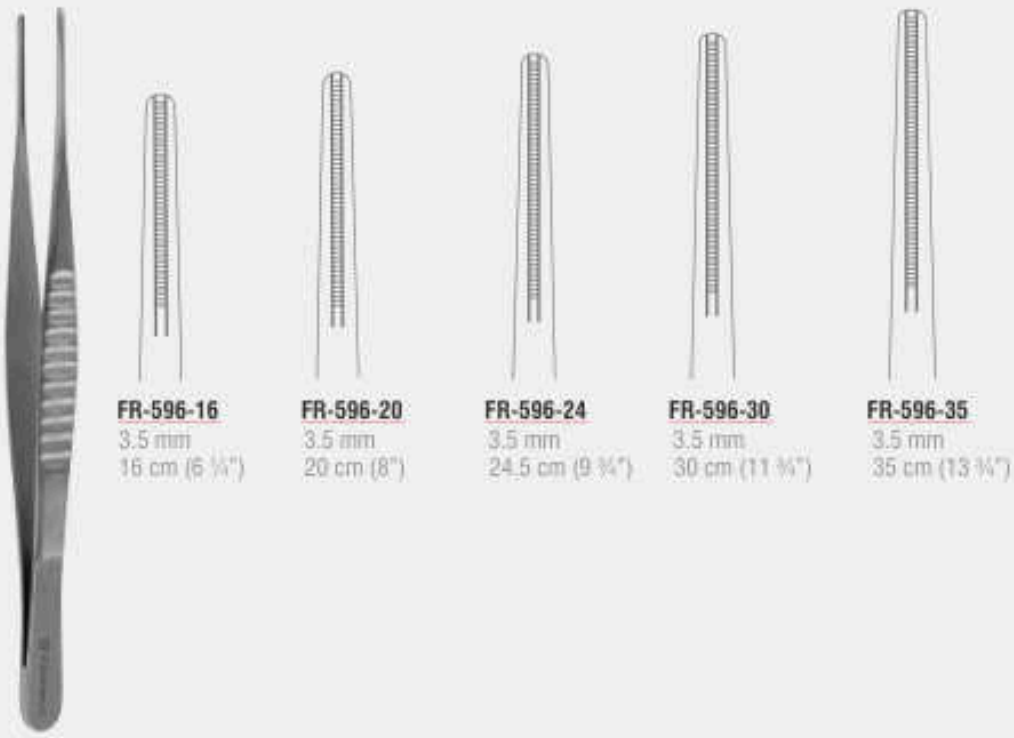
FR-594-16
2.8 mm
16 cm (6 ¼")

FR-594-20
2.8 mm
20 cm (8")

FR-594-24
2.8 mm
24.5 cm (9 ¾")

FR-594-30
2.8 mm
30 cm (11 ¾")

DeBakey Atrauma Forcep



FR-596-16
3.5 mm
16 cm (6 ¼")

FR-596-20
3.5 mm
20 cm (8")

FR-596-24
3.5 mm
24.5 cm (9 ¾")

FR-596-30
3.5 mm
30 cm (11 ¾")

FR-596-35
3.5 mm
35 cm (13 ¾")

DeBakey Atrauma Forcep

Atrauma Forcep
Atrauma-Zange
Pinza da trauma
Pince atraumatique
Atrauma Forcep





FR-598-16
2.0 mm
16 cm (6 ¼")

FR-598-20
2.0 mm
20 cm (8")

FR-598-24
2.0 mm
24 cm (9 ½")

Cooley Atrauma Forcep

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-940-17
UltraGrip™ TC Bonney Dissecting Forcep
1 x 2 Teeth
Overall Length 17.5 cm (7")

ULTRA GRIP

1:2



FR-942-17
UltraGrip™ TC Gerald Dissecting Forcep
1 x 2 Teeth
Overall Length 17.5 cm (7")

ULTRA GRIP

1:2



FR-944-15
UltraGrip™ TC Gillies Dissecting Forcep
1 x 2 Teeth
Overall Length 15.5 cm (6")

ULTRA GRIP

1:2

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



ULTRA GRIP

FR-946-15
UltraGrip™ TC McIndoe Dressing Forcep
Overall Length 15 cm (6")



FR-950-16
16 cm (6 ¼")

FR-950-18
18 cm (7")

ULTRA GRIP

UltraGrip™ TC Semken Dissecting Forcep
1 x 2 Teeth



FR-952-16
16 cm (6 ¼")

FR-952-18
18 cm (7")

ULTRA GRIP

UltraGrip™ TC Micro-Semken Dissecting Forcep
1 x 2 Teeth



ULTRA GRIP

FR-956-12
UltraGrip™ TC Adson-Brown Dissecting Forcep
Overall Length 12 cm (4 ¾")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-958-12
12 cm (4 ¾")
1:2

FR-958-15
15 cm (6")
1:2

ULTRA GRIP

UltraGrip™ TC Micro-Adson Dissecting Forcep
1 x 2 Teeth





FR-960-12
12 cm (4 ¾")

FR-960-15
15 cm (6")

ULTRA GRIP

UltraGrip™ TC Adson Dressing Forcep

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



FR-962-12
12 cm (4 ¾")

1:2

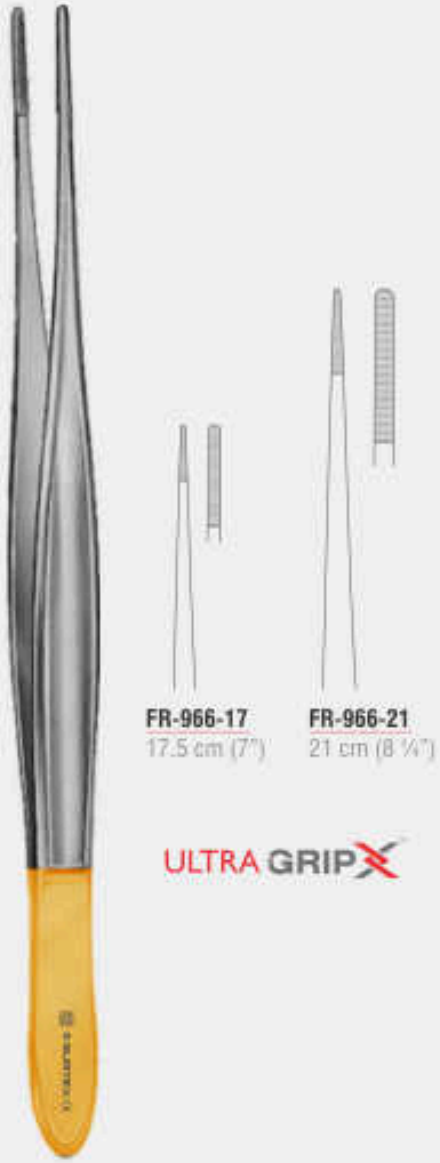
FR-962-15
15 cm (6")

1:2

ULTRA GRIP

UltraGrip™ TC Adson Dissecting Forcep
1 x 2 Teeth

1:2



FR-966-17
17.5 cm (7")

FR-966-21
21 cm (8 ¼")

ULTRA GRIP

UltraGrip™ TC Cushing Dressing Forcep
Straight

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



ULTRA GRIP

FR-967-17
UltraGrip™ TC Cushing Dressing Forcep
Angled
Overall Length 17 cm (6 ¾")



ULTRA GRIP

FR-969-17
UltraGrip™ TC Cushing-Taylor Dressing Forcep
Bayonet Shaped
Overall Length 18.5 cm (7 ¼")





FR-972-15
16 cm (6 ¼")

FR-972-18
18.5 cm (7 ¼")

FR-972-20
20 cm (8")

FR-972-23
23 cm (9")

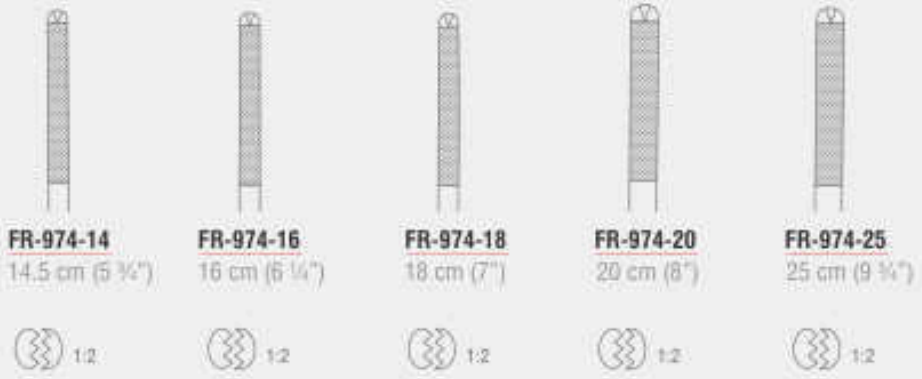
FR-972-25
25 cm (9 ¾")

ULTRA GRIP

UltraGrip™ TC Potts-Smith Dressing Forcep

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





FR-974-14
14.5 cm (5 ¾")

FR-974-16
16 cm (6 ¼")

FR-974-18
18 cm (7")

FR-974-20
20 cm (8")

FR-974-25
25 cm (9 ¾")

ULTRA GRIP

UltraGrip™ TC Oehler Dissecting Forcep
1 x 2 Teeth

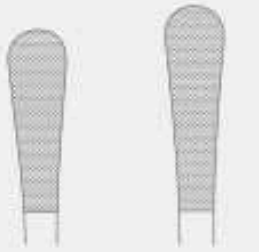




ULTRA GRIP

FR-978-17
UltraGrip™ TC Ferris-Smith Dissecting Forcep
2 x 3 Teeth
Overall Length 17.5 cm (7")





FR-980-15
15 cm (6")

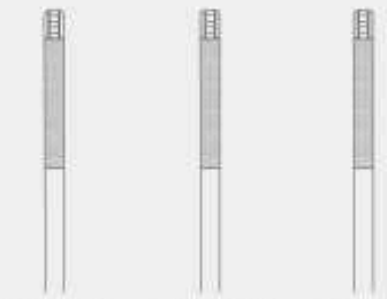
FR-980-23
23 cm (9")

ULTRA GRIP

UltraGrip™ TC Wangensteen Dressing Forcep

Atraumatic Forceps
Atraumatische Pinzette
Pinzas atraumáticas
Pince atraumatique
Pinza atraumatica





FR-990-16
1.6 mm
16 cm (6 ¼")

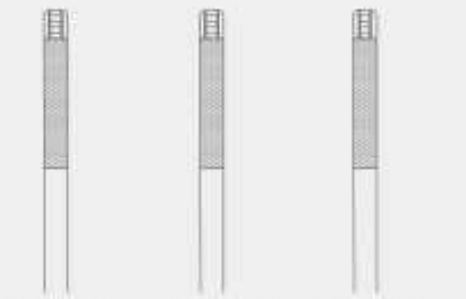
FR-990-20
1.6 mm
20 cm (8")

FR-990-24
1.6 mm
24.5 cm (9 ¾")

ULTRA GRIP

UltraGrip™ TC Micro DeBakey Atraumatic Forcep





FR-992-16
2.0 mm
16 cm (6 ¼")

FR-992-20
2.0 mm
20 cm (8")

FR-992-24
2.0 mm
24.5 cm (9 ¾")

ULTRA GRIP

UltraGrip™ TC DeBakey Atraumatic Forcep

Clip Applying Forceps, Vessel Clips
Clip-Anlegepinzette, Gefäßclips
Pinzas para aplicar clips
Pinces pour poser les clips vasculaires, Clips vasculaires
Pinze per applicazione clips vascolari



AF-010-14
Biemer Clamp Applying Forcep
Without Lock
Overall Length 14.5 cm (5 ¾")



AF-012-14
Biemer Clamp Applying Forcep
With Lock
Overall Length 14.5 cm (5 ¾")



Biemer Vessel Clamp



AF-016-14
14 mm
Opening : 4 mm
Jaw Length : 4 mm
Closing Pressure : 30 - 40 gr



AF-018-17
17 mm
Opening : 7 mm
Jaw Length : 5 mm
Closing Pressure : 30 - 40 gr



AF-020-17
17 mm
Opening : 7 mm
Jaw Length : 5 mm
Closing Pressure : 20 - 25 gr

Vessel Clips, Approximators
Gefäßclips, Approximatoren
Clips vasculares, Aproximadores
Clips vasculaires, Approximateurs
Clip vascolari, Approssimatori



AF-024-17
Biemer-Mueller Approximator
17 mm, Straight, Wide

Opening : 5 mm
Jaw Length : 9 mm
Closing Pressure : 25 - 30 gr



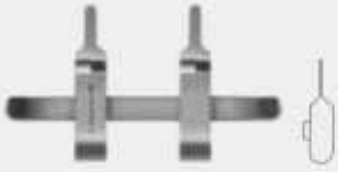
AF-025-17
Biemer-Mueller Approximator
17 mm, Angled, Wide

Opening : 5 mm
Jaw Length : 9 mm
Closing Pressure : 25 - 30 gr



AF-026-13
Biemer-Mueller Approximator
13 mm, Straight, Narrow

Opening : 3 mm
Jaw Length : 4.5 mm
Closing Pressure : 25 - 30 gr



AF-026-17
Biemer-Mueller Approximator
17 mm, Straight, Narrow

Opening : 5 mm
Jaw Length : 9 mm
Closing Pressure : 25 - 30 gr



AF-027-13
Biemer-Mueller Approximator
13 mm, Angled, Narrow

Opening : 3 mm
Jaw Length : 4.5 mm
Closing Pressure : 25 - 30 gr



AF-027-17
Biemer-Mueller Approximator
17 mm, Angled, Narrow

Opening : 5 mm
Jaw Length : 9 mm
Closing Pressure : 25 - 30 gr



Mueller Approximator
Overall Length 17 mm



AF-030-01
Ø 1.0 mm
Closing Pressure
25 - 30 gr



AF-030-02
Ø 2.0 mm
Closing Pressure
25 - 30 gr



AF-030-03
Ø 3.0 mm
Closing Pressure
25 - 30 gr



AF-030-04
Ø 4.0 mm
Closing Pressure
25 - 30 gr

Approximators
Approximatoren
Aproximadores
Approximateurs
Approssimatori



AF-040-00
Approximator
Complete with Key
Standard



AF-040-01
Key For Approximator



AF-040-02
Approximator
Approximator Only
Standard



AF-044-00
Nerve Approximator
Complete with Key
Needles Exchangeable
Standard



AF-044-02
Nerve Approximator
Approximator With Needles Only
Standard



AF-044-04
Spare Needle

Clip Applying Forceps, Vessel Clips
Clip-Anlegezangen, Bulldogklemmen, Gefäßclips
Pinzas para aplicar clips, Clips vasculares
Pinces pour poser micro-clips, Clips vasculaires
Pinze per applicare clips vascolari, Clip vascolari



AF-046-14
Clip Applying Forcep
With Ratchet
Overall Length 14.5 cm (5 ¾")



AF-049-18
Clip Applying Forcep
Bayonet Shaped, With Ratchet
Overall Length 18.5 cm (7 ¼")



AF-050-04
13 mm
Jaw Size : 4.0 x 0.75 mm
Closing Pressure : 60 gr



AF-050-06
15 mm
Jaw Size : 6.0 x 1.0 mm
Closing Pressure : 85 gr



Mini Vessel Clip



AF-050-08
17 mm
Jaw Size : 8.0 x 2.0 mm
Closing Pressure : 100 gr



AF-050-10
20 mm
Jaw Size : 10.0 x 2.0 mm
Closing Pressure : 125 gr

Vessel Clips
Gefäßclips
Clips vasculares
Clips vasculaires
Clip vascolari

"A" or "V" Pattern?

The "V" pattern is the all-purpose clamp, used on almost all veins and arteries.
The "A" pattern, available in all sizes, is designed for thick-walled vessels and slippery arteries.
The slight curve at the tips of the "A" pattern jaws provide extra security against slippage.



Micro Vessel Clamp
(Equivalent to Acland Micro Vessel Clip)

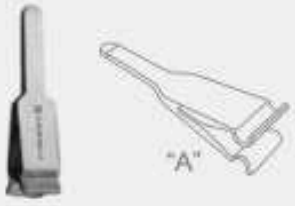
AF-052-08
Overall Length: 8 mm
Vessel Size Ø 0.4 - 1.0 mm
Clamping Force: 10 - 14 Gram

AF-052-11
Overall Length: 11 mm
Vessel Size Ø 0.6 - 1.5 mm
Clamping Force: 17 - 23 Gram

AF-052-14
Overall Length: 14 mm
Vessel Size Ø 1.5 - 2.25 mm
Clamping Force: 35 - 45 Gram

AF-052-17
Overall Length: 17 mm
Vessel Size Ø 1.5 - 3.5 mm
Clamping Force: 60 - 75 Gram

AF-052-25
Overall Length: 25 mm
Vessel Size Ø 2.0 - 5.0 mm
Clamping Force: 120 - 140Gram



Micro Vessel Clamp
(Equivalent to Acland Micro Vessel Clip)

AF-053-08
Overall Length: 8 mm
Vessel Size Ø 0.4 - 1.0 mm
Clamping Force: 10 - 14 Gram

AF-053-11
Overall Length: 11 mm
Vessel Size Ø 0.6 - 1.5 mm
Clamping Force: 17 - 23 Gram

AF-053-14
Overall Length: 14 mm
Vessel Size Ø 1.5 - 2.25 mm
Clamping Force: 35 - 45 Gram

AF-053-17
Overall Length: 17 mm
Vessel Size Ø 1.5 - 3.5 mm
Clamping Force: 60 - 75 Gram

AF-053-25
Overall Length: 25 mm
Vessel Size Ø 2.0 - 5.0 mm
Clamping Force: 120 - 140 Gram



Micro Vessel Approximator
(Equivalent to Acland Micro Vessel Clip)

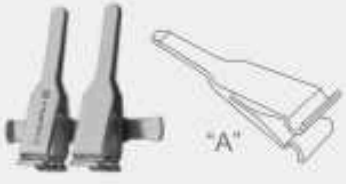
AF-054-08
Overall Length: 8 mm
Vessel Size Ø 0.4 - 1.0 mm
Clamping Force: 10 - 14 Gram

AF-054-11
Overall Length: 11 mm
Vessel Size Ø 0.6 - 1.5 mm
Clamping Force: 17 - 23 Gram

AF-054-14
Overall Length: 14 mm
Vessel Size Ø 1.5 - 2.25 mm
Clamping Force: 35 - 45 Gram

AF-054-17
Overall Length: 17 mm
Vessel Size Ø 1.5 - 3.5 mm
Clamping Force: 60 - 75 Gram

AF-054-25
Overall Length: 25 mm
Vessel Size Ø 2.0 - 5.0 mm
Clamping Force: 120 - 140Gram



Micro Vessel Approximator
(Equivalent to Acland Micro Vessel Clip)

AF-055-08
Overall Length: 8 mm
Vessel Size Ø 0.4 - 1.0 mm
Clamping Force: 10 - 14 Gram

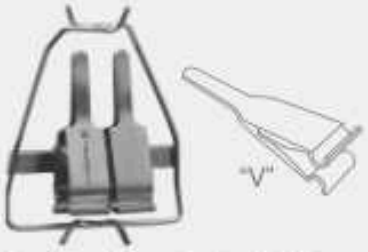
AF-055-11
Overall Length: 11 mm
Vessel Size Ø 0.6 - 1.5 mm
Clamping Force: 17 - 23 Gram

AF-055-14
Overall Length: 14 mm
Vessel Size Ø 1.5 - 2.25 mm
Clamping Force: 35 - 45 Gram

AF-055-17
Overall Length: 17 mm
Vessel Size Ø 1.5 - 3.5 mm
Clamping Force: 60 - 75 Gram

AF-055-25
Overall Length: 25 mm
Vessel Size Ø 2.0 - 5.0 mm
Clamping Force: 120 - 140 Gram

Vessel Clips
Gefäßclips
Clips vasculares
Clips vasculaires
Clip vascolari

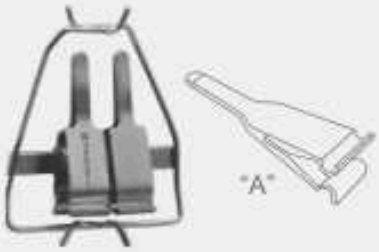


Micro Vessel Approximator With Frame
(Equivalent to Acland Micro Vessel Clip)

AF-056-08
Overall Length: 8 mm
Vessel Size Ø 0.4 - 1.0 mm
Clamping Force: 10 - 14 Gram

AF-056-11
Overall Length: 11 mm
Vessel Size Ø 0.6 - 1.5 mm
Clamping Force: 17 - 23 Gram

AF-056-14
Overall Length: 14 mm
Vessel Size Ø 1.5 - 2.25 mm
Clamping Force: 35 - 45 Gram



Micro Vessel Approximator With Frame
(Equivalent to Acland Micro Vessel Clip)

AF-057-08
Overall Length: 8 mm
Vessel Size Ø 0.4 - 1.0 mm
Clamping Force: 10 - 14 Gram

AF-057-11
Overall Length: 11 mm
Vessel Size Ø 0.6 - 1.5 mm
Clamping Force: 17 - 23 Gram

AF-057-14
Overall Length: 14 mm
Vessel Size Ø 1.5 - 2.25 mm
Clamping Force: 35 - 45 Gram



AF-058-00
Clip Applying Forcep
Overall Length 14.5 cm (5 ¾")

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog





AF-060-06
Straight



AF-061-06
Curved

Dieffenbach Bulldog Clamp
Overall Length 6 cm (2 ¼")





AF-062-03
Straight
3.5 cm (1 ⅜")



AF-062-05
Straight
5 cm (2")



AF-063-03
Curved
3.5 cm (1 ⅜")



AF-063-05
Curved
5 cm (2")

Dieffenbach Bulldog Clamp



Codes	Overall Length	Jaw Length
AF-065-35	3.5 cm (1 ⅜")	12 mm
AF-065-50	5 cm (2")	17 mm
AF-065-55	5.5 cm (2 ⅛")	25 mm
AF-065-65	6.5 cm (2 ½")	30 mm
AF-065-70	7 cm (2 ¾")	33 mm
AF-065-80	8 cm (3 ¼")	42 mm
AF-065-90	9 cm (3 ½")	52 mm

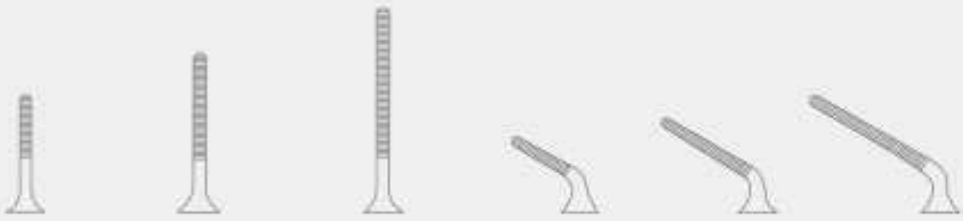
John-Hopkins Bulldog Clamp



AF-067-24
John-Hopkins Clip Applying Forcep
Overall Length 24 cm (9 ½")

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog





AF-080-45
Straight
45 mm, 8 mm

AF-080-50
Straight
50 mm, 12 mm

AF-080-60
Straight
60 mm, 20 mm

AF-081-40
Angled
40 mm, 8 mm

AF-081-45
Angled
45 mm, 12 mm

AF-081-50
Angled
50 mm, 20 mm

Diethrich Bulldog Clamp





AF-084-10
Straight
45 mm, 10 mm

AF-084-14
Straight
50 mm, 14 mm

AF-084-20
Straight
60 mm, 20 mm

AF-085-10
Angled
35 mm, 10 mm

AF-085-14
Angled
45 mm, 14 mm

AF-085-20
Angled
50 mm, 20 mm

DeBakey-Diethrich Atrauma Bulldog Clamp

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog





AF-084-10 T
Straight
45 mm, 10 mm

AF-084-14 T
Straight
50 mm, 14 mm

AF-084-20 T
Straight
60 mm, 20 mm

AF-085-10 T
Angled
35 mm, 10 mm

AF-085-14 T
Angled
45 mm, 14 mm

AF-085-20 T
Angled
50 mm, 20 mm

DeBakey-Diethrich Atrauma Bulldog Clamp
Titanium

TITANIUM





AF-087-10
35 mm, 10 mm

AF-087-20
50 mm, 20 mm

DeBakey-Diethrich Atrauma Bulldog Clamp
Curved



AF-089-35
35 mm, 10 mm

AF-089-40
40 mm, 10 mm

DeBakey-Hess Bulldog Clamp

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



Mini-Glover Vena Atrauma Bulldog Clamp
Titanium

TITANIUM

AF-090-30 T
Straight
30 mm, 9 mm



AF-090-35 T
Straight
35 mm, 13 mm

AF-090-40 T
Straight
40 mm, 14 mm



AF-090-50 T
Straight
50 mm, 23 mm



AF-091-30 T
Gently Curved
30 mm, 9 mm



AF-091-35 T
Gently Curved
35 mm, 13 mm



AF-091-40 T
Gently Curved
40 mm, 14 mm



AF-091-50 T
Gently Curved
50 mm, 23 mm



AF-093-30 T
Strongly Curved
30 mm, 9 mm



AF-093-35 T
Strongly Curved
35 mm, 13 mm



AF-093-40 T
Strongly Curved
40 mm, 14 mm



AF-093-50 T
Strongly Curved
50 mm, 23 mm

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



Mini-Glover Arteria Atrauma Bulldog Clamp
Titanium

TITANIUM



AF-096-30 T
Straight
30 mm, 9 mm

AF-096-35 T
Straight
35 mm, 13 mm

AF-096-40 T
Straight
40 mm, 14 mm

AF-096-50 T
Straight
50 mm, 23 mm



AF-097-30 T
Gently Curved
30 mm, 9 mm

AF-097-35 T
Gently Curved
35 mm, 13 mm

AF-097-40 T
Gently Curved
40 mm, 14 mm

AF-097-50 T
Gently Curved
50 mm, 22 mm



AF-099-30 T
Strongly Curved
30 mm, 9 mm

AF-099-35 T
Strongly Curved
35 mm, 14 mm

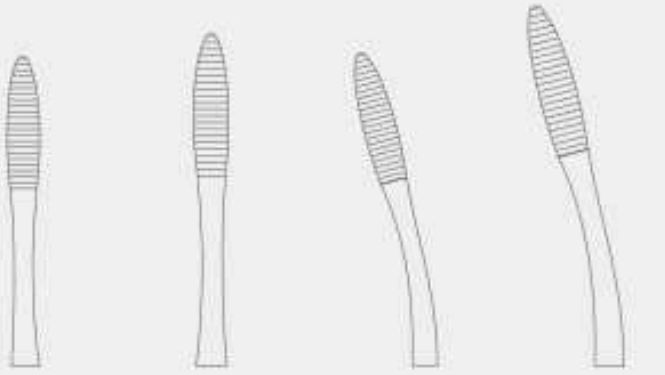
AF-099-40 T
Strongly Curved
40 mm, 15 mm

AF-099-50 T
Strongly Curved
50 mm, 21 mm

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Pean Haemostatic Forcep



AF-110-14
Straight
14.5 cm (5 ¾")

AF-110-16
Straight
16 cm (6 ¼")

AF-111-14
Curved
14.5 cm (5 ¾")

AF-111-16
Curved
16 cm (6 ¼")

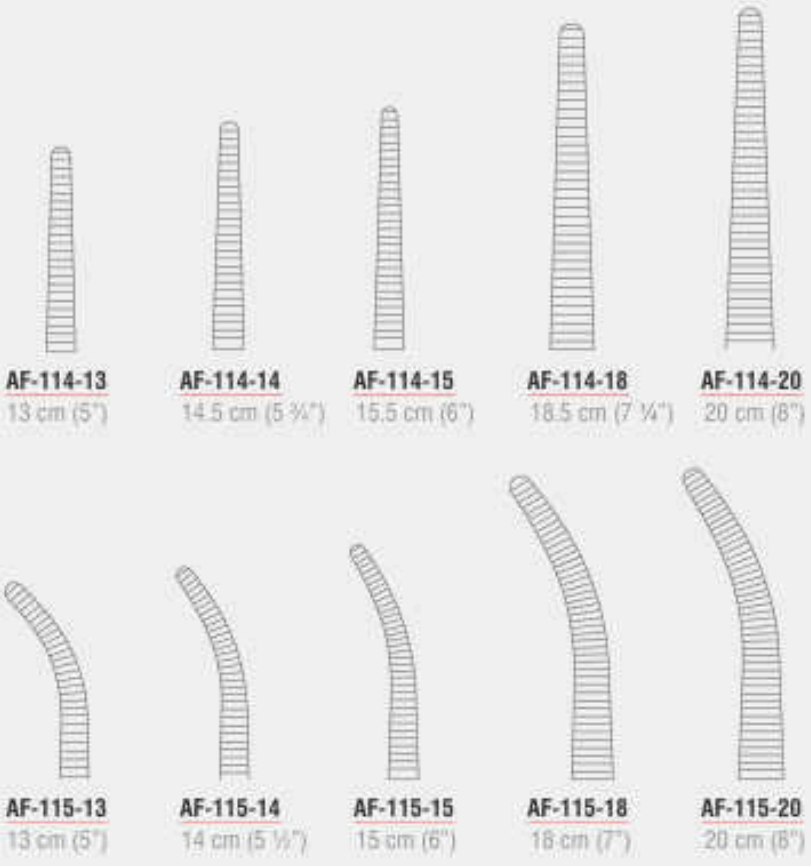


AF-112-13
Korenlein Haemostatic Forcep
Overall Length 13 cm (5")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Spencer-Wells Haemostatic Forcep



AF-114-13
13 cm (5")

AF-114-14
14.5 cm (5 ¾")

AF-114-15
15.5 cm (6")

AF-114-18
18.5 cm (7 ¼")

AF-114-20
20 cm (8")

AF-115-13
13 cm (5")

AF-115-14
14 cm (5 ½")

AF-115-15
15 cm (6")

AF-115-18
18 cm (7")

AF-115-20
20 cm (8")



AF-120-13
Chaput Haemostatic Forcep
2 x 3 Teeth
Overall Length 12.5 cm (5")

2:3



AF-122-13
Tuffier Haemostatic Forcep
5 x 6 Teeth
Overall Length 12.5 cm (5")

5:6

Haemostatic Forceps, Organ Grasping Forceps
Arterienklemmen, Organfasszangen
Pinzas hemostáticas, Pinzas para sacar órganos
Pinces hémostatiques, Pinces pour saisir organes
Pinze emostatiche, Pinze per afferrare organi



Atrauma Organ Grasping / Haemorrhoidal Forcep



AF-126-25
25 cm (9 ¾")



AF-126-26
26 cm (10 ¼")



AF-128-14
Collin Organ Grasping Forcep
Overall Length 14 cm (5 ½")



AF-130-17
Collin Tumor Grasping Forcep
Overall Length 17 cm (6 ¾")



Pennington Organ Grasping Forcep



AF-134-15
15.5 cm (6")



AF-134-20
21 cm (8 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



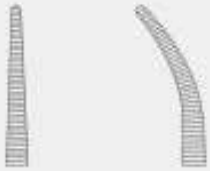
AF-136-15
Pratt Haemostatic Forcep
Overall Length 15 cm (6")



AF-138-14
Martel-Rees Facelift Forcep
Overall Length 13.5 cm (5 ¼")



Hartmann Haemostatic Forcep



AF-140-10
Straight
10 cm (4")

AF-141-10
Curved
9.5 cm (3 ¾")



AF-142-10
Straight
1 x 2 Teeth
10 cm (4")



AF-143-10
Curved
1 x 2 Teeth
9.5 cm (3 ¾")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-146-12
Haemostatic Forcep
Cross Serrated Jaw
Overall Length 12.5 cm (5")



AF-148-08
Carrel Haemostatic Forcep
Overall Length 8.5 cm (3 ¼")



AF-150-08
Terrier Haemostatic Forcep
1 x 2 Teeth
Overall Length 8.5 cm (3 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Halsted-Mosquito Haemostatic Forcep



AF-160-12
Straight
12.5 cm (4 ¾")

AF-160-14
Straight
14.5 cm (5 ½")

AF-161-12
Curved
12 cm (4 ¾")

AF-161-14
Curved
14 cm (5 ½")



AF-162-12
Straight
1 x 2 Teeth
12.5 cm (4 ¾")

AF-162-14
Straight
1 x 2 Teeth
14.5 cm (5 ½")

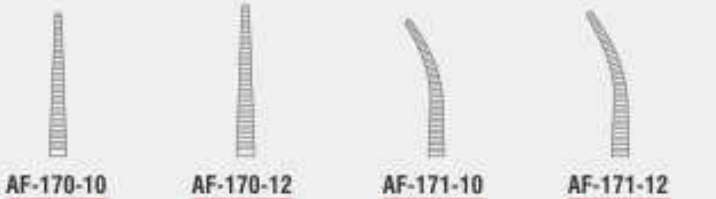
AF-163-12
Curved
1 x 2 Teeth
12 cm (4 ¾")

AF-163-14
Curved
1 x 2 Teeth
14 cm (5 ½")

1:2



Micro-Mosquito Haemostatic Forcep



AF-170-10
Straight
10 cm (4")

AF-170-12
Straight
12 cm (4 ¾")

AF-171-10
Curved
9.5 cm (3 ¾")

AF-171-12
Curved
11.5 cm (4 ½")



AF-172-10
Straight
1 x 2 Teeth
10 cm (4")

AF-172-12
Straight
1 x 2 Teeth
12 cm (4 ¾")

AF-173-10
Curved
1 x 2 Teeth
10 cm (4")

AF-173-12
Curved
1 x 2 Teeth
12 cm (4 ¾")

1:2

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Halsted-Mosquito Haemostatic Forcep



AF-176-18
Straight
18.5 cm (7 ¼")



AF-176-21
Straight
21 cm (8 ¼")



AF-177-18
Curved
18 cm (7")



AF-177-21
Curved
20.5 cm (8")



AF-178-18
Straight
1 x 2 Teeth
18.5 cm (7 ¼")



AF-178-21
Straight
1 x 2 Teeth
21 cm (8 ¼")



AF-179-18
Curved
1 x 2 Teeth
18 cm (7")



AF-179-21
Curved
1 x 2 Teeth
20.5 cm (8")



Providence-Hospital Haemostatic Forcep

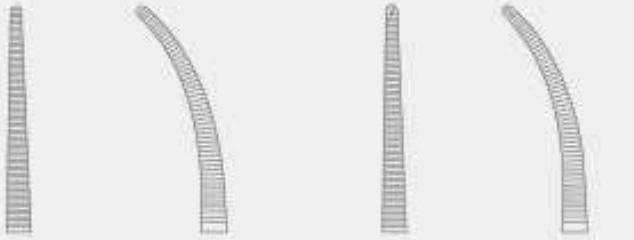
AF-182-14
Straight
14 cm (5 ½")



AF-183-14
Curved
14 cm (5 ½")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche





AF-184-15
Straight
15.5 cm (6")

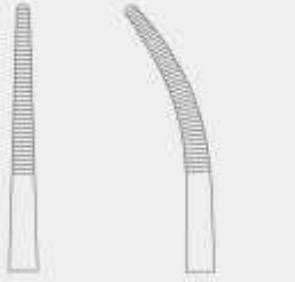
AF-185-15
Curved
15 cm (6")

AF-186-15
Straight
1 x 2 Teeth
15.5 cm (6")

AF-187-15
Curved
1 x 2 Teeth
15 cm (6")

Leriche Haemostatic Forcep





AF-200-14
14.5 cm (5 ¾")

AF-201-14
14 cm (5 ½")

Kelly Haemostatic Forcep

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-202-16
Straight
16 cm (6 ¼")



AF-203-16
Curved
15.5 cm (6")

Kelly-Rankin Haemostatic Forcep



AF-210-14
Straight
14.5 cm (5 ¾")



AF-211-14
Curved
14 cm (5 ½")



AF-212-14
Straight
1 x 2 Teeth
14.5 cm (5 ¾")



AF-213-14
Curved
1 x 2 Teeth
14 cm (5 ½")

Crile Haemostatic Forcep

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-214-16
Straight

AF-215-16
Curved

Crile-Rankin Haemostatic Forcep
Overall Length 17 cm (6 ¾")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche





Rochester-Pean Haemostatic Forcep
Straight



AF-220-14
14.5 cm (5 ¾")



AF-220-16
16.5 cm (6 ½")



AF-220-18
18.5 cm (7 ¼")



AF-220-20
20.5 cm (8")



AF-220-22
22.5 cm (8 ¾")



AF-220-24
24.5 cm (9 ¾")

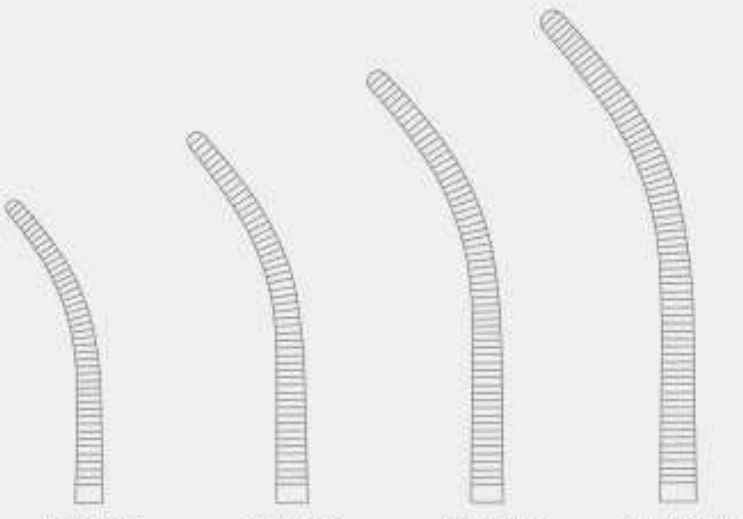


AF-220-26
26 cm (10 ¼")



AF-220-30
30.5 cm (12")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-221-14
14 cm (5 ½")

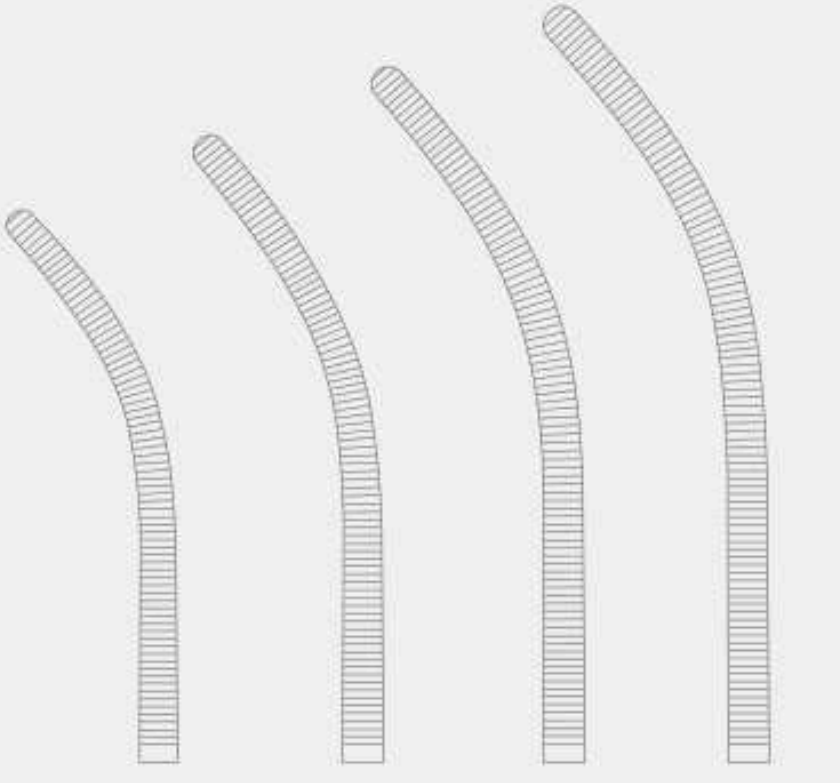
AF-221-16
16 cm (6 ¼")

AF-221-18
18 cm (7")

AF-221-20
20 cm (8")



Rochester-Pean Haemostatic Forcep
Curved



AF-221-22
22 cm (8 ¾")

AF-221-24
24 cm (9 ½")

AF-221-26
25.5 cm (10")

AF-221-30
30 cm (11 ¾")

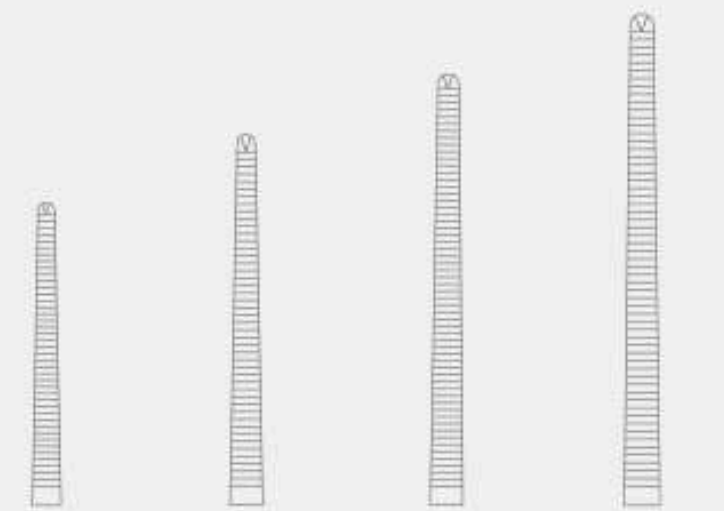
Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche





Ochsner-Kocher Haemostatic Forcep
Straight, 1 x 2 Teeth

1:2

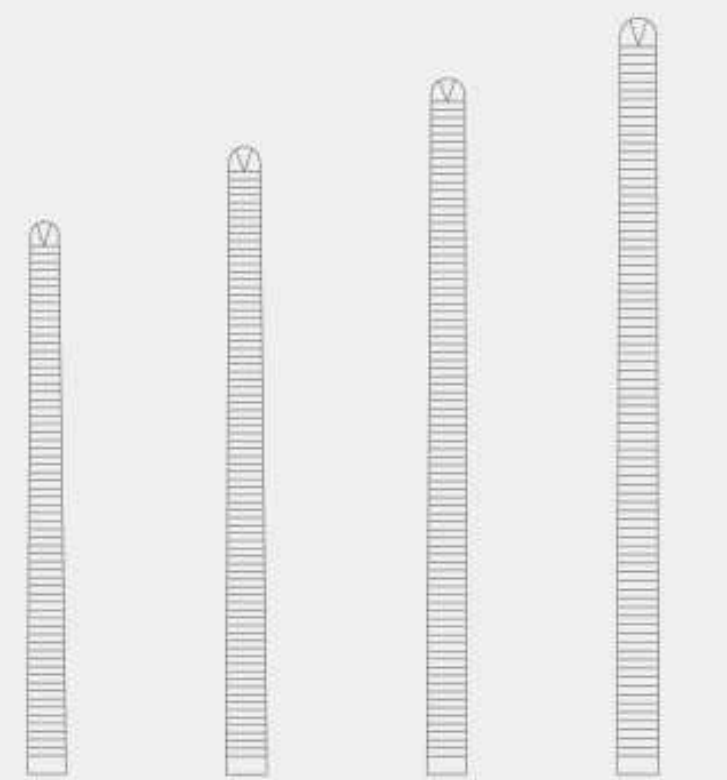


AF-230-14
14.5 cm (5 ¾")

AF-230-16
16.5 cm (6 ½")

AF-230-18
18.5 cm (7 ¼")

AF-230-20
20.5 cm (8")



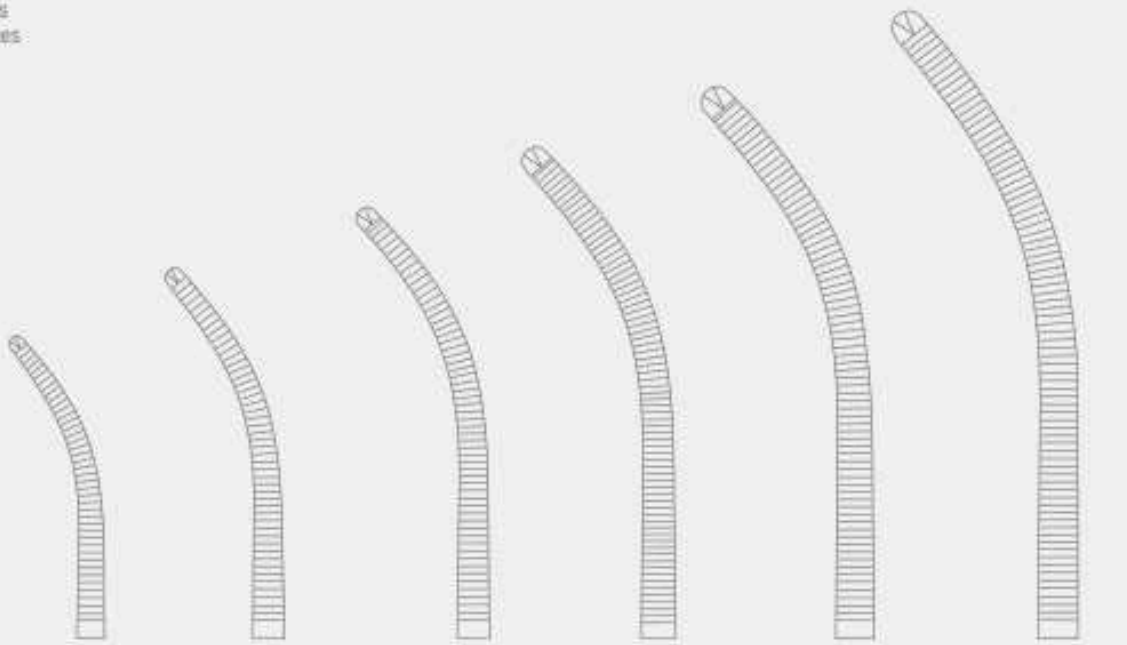
AF-230-22
22.5 cm (8 ¾")

AF-230-24
24.5 cm (9 ¾")

AF-230-26
26 cm (10 ¼")

AF-230-30
30.5 cm (12")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-231-14
14 cm (5 ½")

AF-231-16
16 cm (6 ¼")

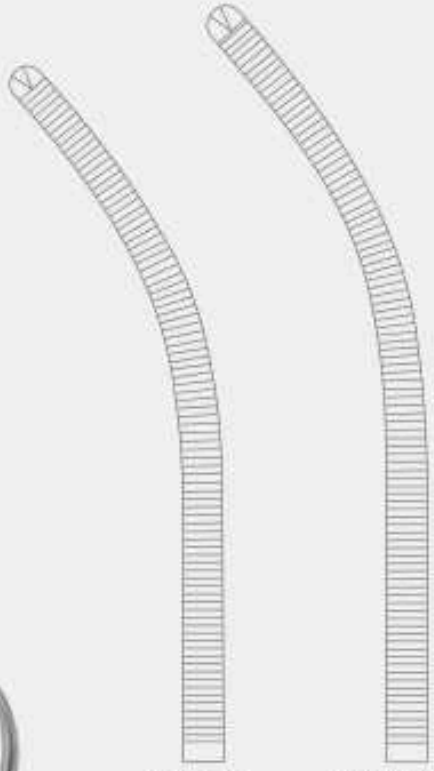
AF-231-18
18 cm (7")

AF-231-20
20 cm (8")

AF-231-22
22 cm (8 ¾")

AF-231-24
24 cm (9 ½")





AF-231-26
25.5 cm (10")

AF-231-30
30 cm (11 ¾")

Ochsner-Kocher Haemostatic Forcep
Curved, 1 x 2 Teeth

1:2

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-234-14
Straight

AF-235-14
Curved

Rochester-Ochsner Haemostatic Forcep
1 x 2 Teeth
Overall Length 14 cm (5 ½")

1:2



AF-236-15
Straight

AF-237-15
Curved

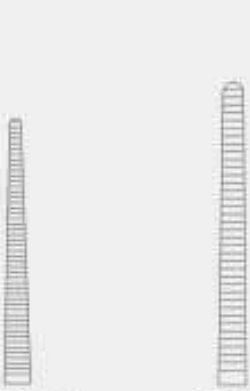
Kocher Haemostatic Forcep
1 x 2 Teeth
Overall Length 15 cm (6")

1:2

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Pean-Nippon Haemostatic Forcep



AF-240-14
Straight
14.5 cm (5 ¾")

AF-240-16
Straight
16.5 cm (6 ½")



AF-240-18
Straight
18.5 cm (7 ¼")



AF-241-14
Curved
14 cm (5 ½")



AF-241-16
Curved
16 cm (6 ¼")



AF-241-18
Curved
18 cm (7")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Kocher-Nippon Haemostatic Forcep
1 x 2 Teeth

1:2



AF-242-14
Straight
14.5 cm (5 ¾")



AF-242-16
Straight
16.5 cm (6 ½")



AF-242-18
Straight
18.5 cm (7 ¼")



AF-243-14
Curved
14.5 cm (5 ¾")



AF-243-16
Curved
16 cm (6 ¼")



AF-243-18
Curved
18 cm (7")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Pean (Delicate) Haemostatic Forcep

AF-246-13
Straight
13.5 cm (5 ¾")



AF-246-14
Straight
14.5 cm (5 ¾")



AF-246-16
Straight
17 cm (6 ¾")

AF-247-13
Curved
13 cm (5")



AF-247-14
Curved
14 cm (5 ½")



AF-247-16
Curved
16.5 cm (6 ½")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Kocher (Delicate) Haemostatic Forcep
1 x 2 Teeth

1:2



AF-248-13
Straight
13 cm (5")



AF-248-14
Straight
14 cm (5 ½")



AF-248-17
Straight
16 cm (6 ¼")



AF-249-13
Curved
13 cm (5")



AF-249-14
Curved
14 cm (5 ½")



AF-249-16
Curved
16 cm (6 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Coller Haemostatic Forcep



AF-260-14
Straight
14 cm (5 ½")



AF-260-16
Straight
16.5 cm (6 ½")



AF-260-18
Straight
18.5 cm (7 ¼")



AF-261-14
Curved
14 cm (5 ½")



AF-261-16
Curved
16.5 cm (6 ½")



AF-261-18
Curved
18.5 cm (7 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-265-18
Fraser-Kelly (Crile) Haemostatic Forcep
Curved
Overall Length 18 cm (7")



Adson Haemostatic Forcep

AF-268-18
Straight
19 cm (7 ½")

AF-269-18
Curved
18.5 cm (7 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-271-21
Adson Haemostatic Forcep
Curved
Overall Length 21.5 cm (8 ½")



AF-275-19
Jacobson Haemostatic Forcep
Curved
Overall Length 19 cm (7 ½")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-277-19
Dunhill Haemostatic Forcep
Gently Curved
Overall Length 19 cm (7 ½")



AF-279-19
Grey-Turner Haemostatic Forcep
Curved
Overall Length 18 cm (7")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-281-12
Dandy-Mosquito Haemostatic Forcep
Laterally Curved, Cross Serrated
Overall Length 12 cm (4 ¾")



Dandy Haemostatic Forcep
Overall Length 14.5 cm (5 ¾")

AF-283-14
Laterally Curved



AF-285-14
Laterally Curved
1 x 2 Teeth

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-290-15
Straight



AF-291-15
Curved

Cairns Haemostatic Forcep
Overall Length 15 cm (6")



AF-293-14
Cairns Haemostatic Forcep
Curved to Side
Overall Length 14.5 cm (5 ¾")



AF-295-15
Moynihan Haemostatic Forcep
Curved
Overall Length 15 cm (6")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-296-13
Straight

AF-297-13
Curved

Dunhill Haemostatic Forcep
Overall Length 12.5 cm (5")



AF-300-16



AF-302-16
1 x 2 Teeth



1:2

Lovelace Haemostatic Forcep
Straight, Cross Serrated
Overall Length 16 cm (6 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-305-20
Martin-Fuchsig Haemostatic Forcep
Curved
Overall Length 20,5 cm (8")



AF-307-18
18,5 cm (7 ¼")



AF-307-23
23 cm (9")

Nissen Haemostatic Forcep
Curved



AF-311-01
Strongly Curved
18,5 cm (7 ¼")



AF-311-02
Gently Curved
19 cm (7 ½")

Schnidt Tonsil Haemostatic Forcep

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



AF-315-01
Fig. 1
19.5 cm (7 ¾")



AF-315-02
Fig. 2
20 cm (8")

Negus Haemostatic Forcep



AF-317-19
Wilson Haemostatic Forcep
Curved
Overall Length 19 cm (7 ½")



AF-320-16
Straight
17 cm (6 ¾")



AF-320-20
Straight
20.5 cm (8")



AF-321-16
Curved
16.5 cm (6 ½")



AF-321-20
Curved
20 cm (8")

Rochester-Carmalt Haemostatic Forcep

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-331-18



AF-333-18
1 x 2 Teeth

Fickling Haemostatic Forcep
Overall Length 18 cm (7")



AF-340-15
Straight
15 cm (6")



AF-340-18
Straight
18.5 cm (7 ¼")



AF-341-15
Curved
15 cm (6")



AF-341-18
Curved
18.5 cm (7 ¼")

Bainbridge Haemostatic Forcep
Longitudinally Serrated

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



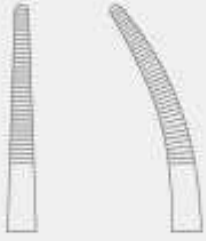
AF-343-25
25.5 cm (10")



AF-343-28
28 cm (11")

Collier-Anderson Haemostatic Forcep
Curved





AF-346-18
Straight

AF-347-18
Curved

Birkett Haemostatic Forcep
Overall Length 18.5 cm (7 ¼")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



Bengolea Haemostatic Forcep



AF-350-20
Straight
21.5 cm (8 ½")



AF-350-26
Straight
26 cm (10 ¼")



AF-351-20
Curved
21 cm (8 ¼")



AF-351-26
Curved
25.5 cm (10 ")



AF-352-20
Straight
1 x 2 Teeth
21.5 cm (8 ½")



AF-352-26
Straight
1 x 2 Teeth
26 cm (10 ¼")



AF-353-20
Curved
1 x 2 Teeth
21 cm (8 ¼")

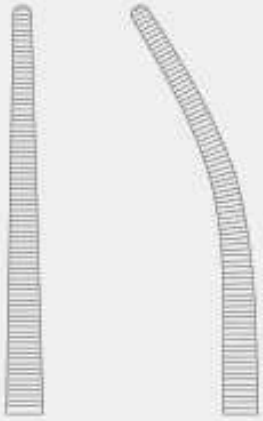


AF-353-26
Curved
1 x 2 Teeth
25.5 cm (10 ")

Operating Scissors
Chirurgische Scheren
Tijeras quirúrgicas
Ciseaux chirurgicaux
Forbici per chirurgia



Roberts Haemostatic Forcep



AF-360-22
Straight
22.5 cm (8 ¾")

AF-361-22
Curved
21.5 cm (8 ½")



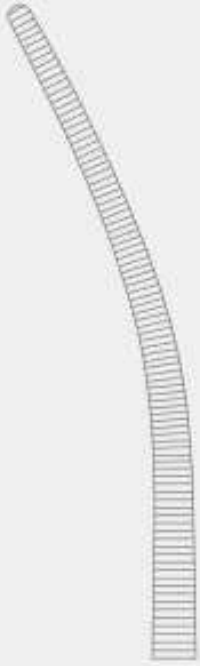
Sarot Haemostatic Forcep



AF-364-24
Straight
25 cm (9 ¾")



AF-365-24
Curved
24.5 cm (9 ¾")



AF-365-28
Curved
28 cm (11")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche



AF-371-18
18 cm (7")

AF-371-24
24.5 cm (9 ¾")

Crafoord Haemostatic Forcep
Curved

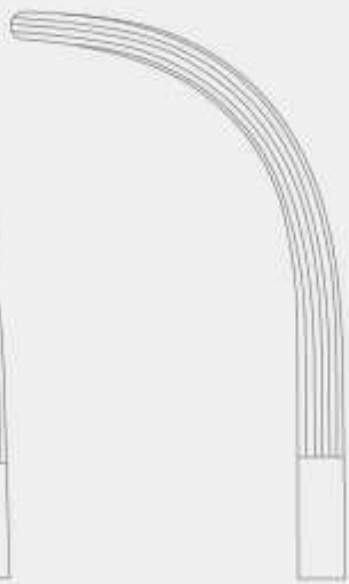




AF-375-01
Fig. 1



AF-375-02
Fig. 2



AF-375-03
Fig. 3

Crafoord-Sellors Haemostatic Forcep
Overall Length 24 cm (9 ½")

Haemostatic Forceps
Arterienklemmen
Pinzas hemostáticas
Pinces hémostatiques
Pinze emostatiche

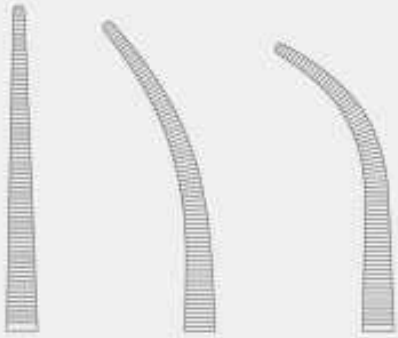


AF-380-27
Straight

AF-381-27
Curved

Bridge Haemostatic Forcep
Overall Length 27.5 cm (10 ¾")





AF-386-20
Straight
21 cm (8 ¼")

AF-387-20
Gently Curved
20.5 cm (8")

AF-389-20
Strongly Curved
20 cm (8")

Heiss Haemostatic Forcep

Haemostatic Forceps, Dissecting and Ligature Forceps
Arterienklemmen, Präparierklemmen
Pinzas hemostáticas, Pinzas para preparación y ligadura
Pinces hémostatiques, Pinces à disséquer et à ligatures
Pinze emostatiche, Pinze per preparazioni e legature



AF-390-20
Straight
1 x 2 Teeth



AF-391-20
Curved
1 x 2 Teeth

Heiss Haemostatic Forcep
Overall Length 20 cm (8")





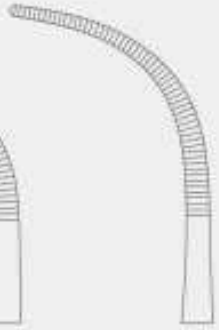
AF-401-01
Fig. 1
18.5 cm (7 ¼")



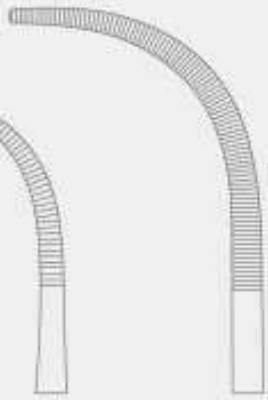
AF-401-02
Fig. 2
20.5 cm (8")



AF-401-03
Fig. 3
21 cm (8 ¼")



AF-401-04
Fig. 4
21.5 cm (8 ½")



AF-401-05
Fig. 5
24.5 cm (9 ¾")

Overholt-Martin Dissecting and Ligature Forcep

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-404-12
Dissecting and Ligature Forcep
Smooth Jaws
Overall Length 12.5 cm (5")



AF-405-14
Guys Galabin Suture Forcep
Angled to Side, Smooth Jaws
Overall Length 14 cm (5 ½")



AF-407-14
Parotid Spreading Forcep
Fine Curved
Overall Length 14 cm (5 ½")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature





AF-411-14
14.5 cm (5 ¾")

AF-411-18
18 cm (7")

Adson-Baby Dissecting and Ligature Forcep
Curved



AF-415-14
Overholt-Baby Dissecting and Ligature Forcep
Curved
Overall Length 14 cm (5 ½")

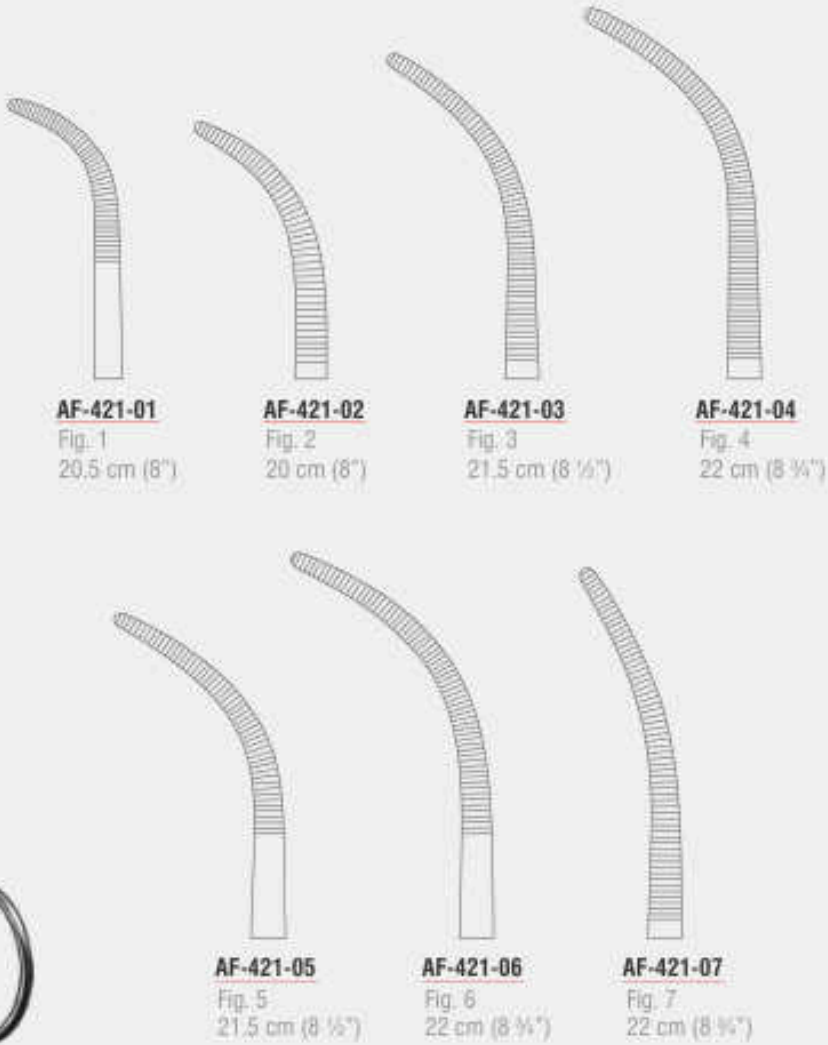


AF-417-21
Overholt-Mixter Dissecting and Ligature Forcep
Curved
Overall Length 21.5 cm (8 ½")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



Overholt-Geissendoerfer Dissecting and Ligature Forcep



AF-421-01
Fig. 1
20,5 cm (8")

AF-421-02
Fig. 2
20 cm (8")

AF-421-03
Fig. 3
21,5 cm (8 ½")

AF-421-04
Fig. 4
22 cm (8 ¾")

AF-421-05
Fig. 5
21,5 cm (8 ½")

AF-421-06
Fig. 6
22 cm (8 ¾")

AF-421-07
Fig. 7
22 cm (8 ¾")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature

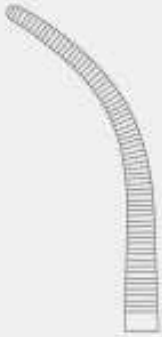


Overholt-Geissendoerfer Dissecting and Ligature Forcep

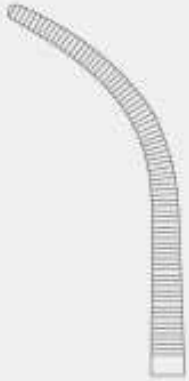
AF-423-01
Fig. 1
27 cm (10 ¾")



AF-423-02
Fig. 2
26.5 cm (10 ½")



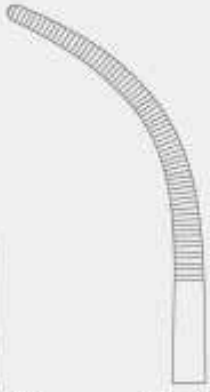
AF-423-03
Fig. 3
27.5 cm (10 ¾")



AF-423-04
Fig. 4
28 cm (11")



AF-423-05
Fig. 5
27.5 cm (10 ¾")



AF-423-06
Fig. 6
28 cm (11"),



AF-423-07
Fig. 7
27.5 cm (10 ¾")

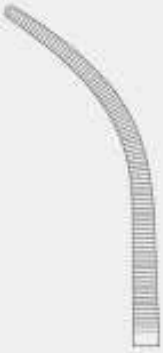
Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-427-00
21.5 cm (8 ½")



AF-427-01
21 cm (8 ¼")



AF-427-02
22 cm (8 ¾")



AF-427-03
23 cm (9")



AF-427-06
22.5 cm (8 ¾")

Overholt-Fine Dissecting and Ligature Forcep
Curved

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-429-00
29.5 cm (11 ½")

AF-429-01
29.5 cm (11 ½")

AF-429-06
30 cm (11 ¾")

Overholt Dissecting and Ligature Forcep
Curved

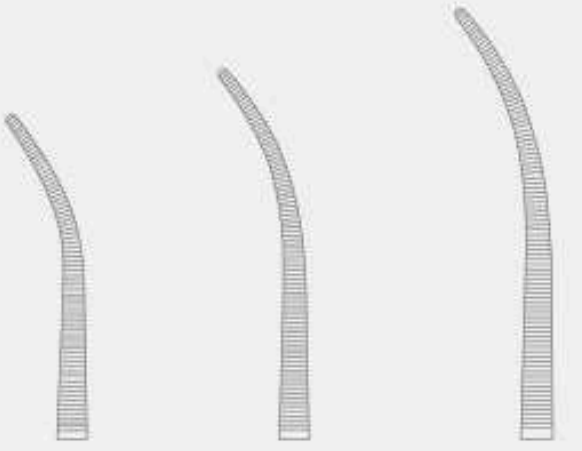


AF-431-15
Overholt-Mini Dissecting and Ligature Forcep
Curved, S Shaped
Overall Length 15 cm (6")



AF-433-20
Overholt-Mini Dissecting and Ligature Forcep
Curved
Overall Length 20 cm (8")

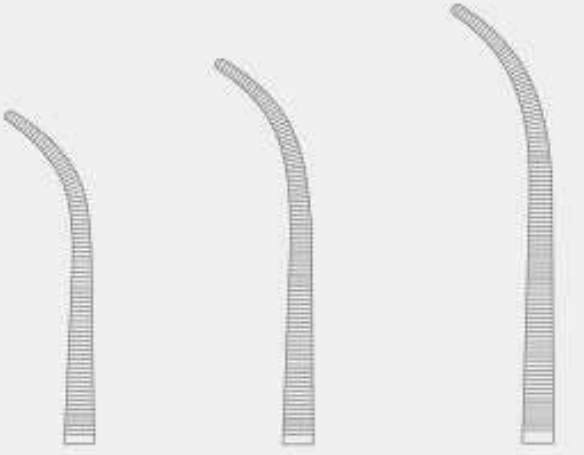
Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-441-19
Fig. 1
19.5 cm (7 ¾")

AF-441-22
Fig. 1
22.5 cm (8 ¾")

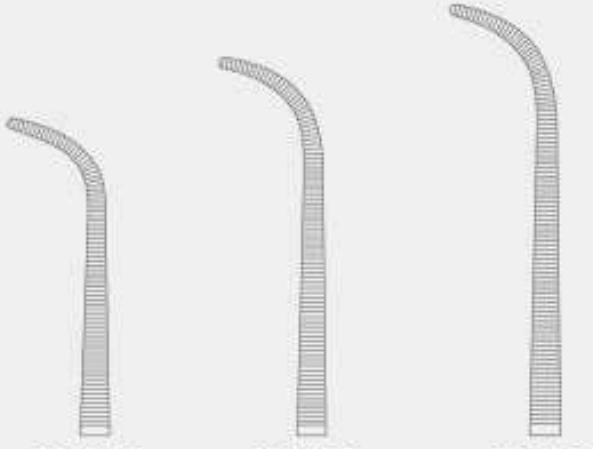
AF-441-24
Fig. 1
24.5 cm (9 ¾")



AF-443-19
Fig. 2
19 cm (7 ½")

AF-443-22
Fig. 2
22 cm (8 ¾")

AF-443-24
Fig. 2
24 cm (9 ½")



AF-445-19
Fig. 3
18.5 cm (7 ¼")

AF-445-22
Fig. 3
21.5 cm (8 ½")

AF-445-24
Fig. 3
23.5 cm (9 ¼")



Kelly Dissecting and Ligature Forcep

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-451-28
Lawrence Dissecting and Ligature Forcep
Curved
Overall Length 28 cm (11")



AF-455-28
Meeker Dissecting and Ligature Forcep
Right Angled
Overall Length 28 cm (11")



Mini-Gemini Dissecting and Ligature Forcep
Curved



AF-469-18
18 cm (7")



AF-469-22
22.5 cm (8 ¾")



AF-469-25
25 cm (9 ¾")



AF-469-28
28.5 cm (11 ¼")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-471-13
13 cm (5")

AF-471-16
16 cm (6 ¼")

AF-471-18
18 cm (7")

AF-471-20
21 cm (8 ¼")

AF-471-23
23 cm (9")

AF-471-25
25 cm (9 ¾")

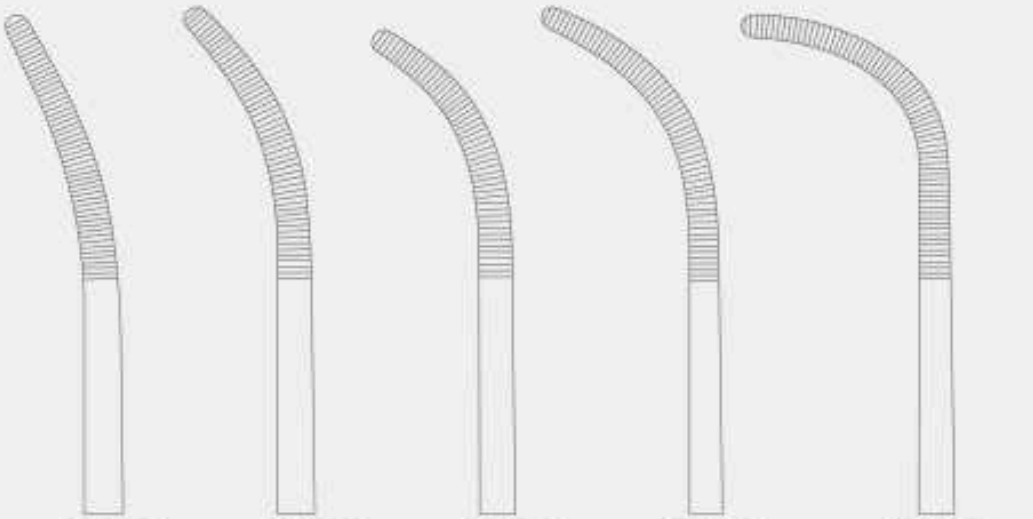
AF-471-28
28 cm (11")

Gemini Dissecting and Ligature Forcep
Curved

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



Rumel Dissecting and Ligature Forcep
Curved



AF-475-01
24 cm (9 ½")

AF-475-02
23.5 cm (9 ¼")

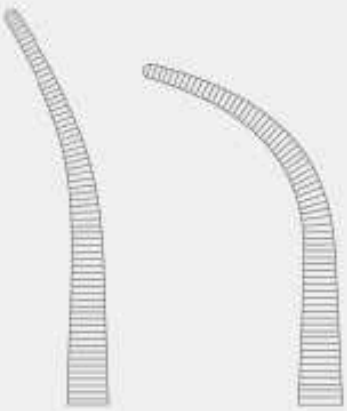
AF-475-03
23 cm (9")

AF-475-04
24 cm (9 ½")

AF-475-05
23.5 cm (9 ¼")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature





AF-479-01
29.5 cm (11 ⅝")

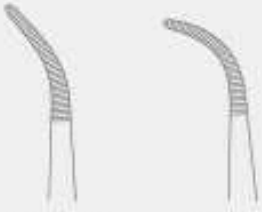
AF-479-02
28.5 cm (11 ¼")

Zenker Dissecting and Ligature Forcep
Curved



AF-481-23
Kieback Dissecting and Ligature Forcep
Curved
Overall Length 23.5 cm (9 ¼")





AF-491-01
Gently Curved
13.5 cm (5 ¼")

AF-491-02
Strongly Curved
13 cm (5")

Mixter-Baby Dissecting and Ligature Forcep

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-493-14
Mixter-Baby Dissecting and Ligature Forcep
Curved
Overall Length 13.5 cm (5 ¼")



AF-495-18
Mixter-Baby Dissecting and Ligature Forcep
Curved
Overall Length 18.5 cm (7 ¼")



AF-497-15
16 cm (6 ¼")

AF-497-19
18 cm (7")

Mixter Dissecting and Ligature Forcep
Right Angled



AF-499-22
22.5 cm (8 ¾")

AF-499-23
23 cm (9")

Mixter Dissecting and Ligature Forcep
Curved

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-501-22
22.5 cm (8 ¾")

AF-501-25
26 cm (10 ¼")

AF-501-28
28 cm (11")

Mixter Dissecting and Ligature Forcep
Right Angled, Longitudinally Serrated



AF-505-22
McQuigg-Mixter Dissecting and Ligature Forcep
Right Angled, Longitudinally Serrated
Overall Length 23.5 cm (9 ¼")

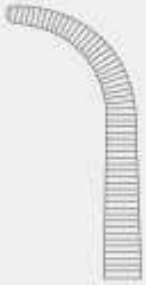


AF-509-19
Mixter-O'Shaughnessy Dissecting and Ligature Forcep
Curved
Overall Length 18.5 cm (7")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



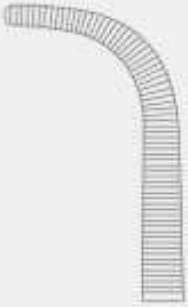
AF-511-14
15 cm (6")



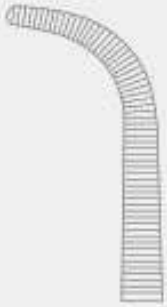
AF-511-17
18 cm (7")



AF-511-20
20 cm (8")



AF-511-23
23 cm (9")

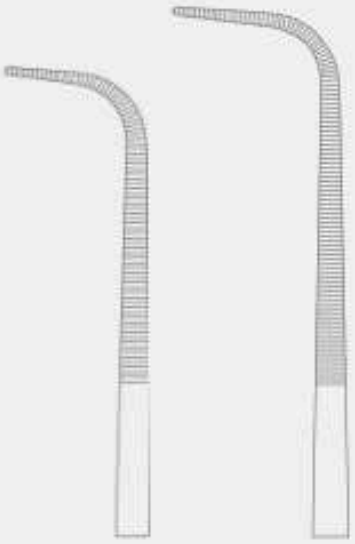


AF-511-26
26 cm (10 ¼")

O'Shaughnessy Dissecting and Ligature Forcep
Curved

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature





AF-517-21
21 cm (8 ¼")

AF-517-24
24.5 cm (9 ¾")

Wickstroem Dissecting and Ligature Forcep
Right Angled



AF-519-18
Lahey Dissecting and Ligature Forcep
Curved
Overall Length 18.5 cm (7 ¼")

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-523-20
20 cm (8")

AF-523-25
25 cm (9 ¾")

AF-523-27
27.5 cm (10 ¾")

Kantrowitz Dissecting and Ligature Forcep
Right Angled



AF-527-28
Extra Delicate
28 cm (11")

AF-529-28
Delicate
28 cm (11")

Barre Dissecting and Ligature Forcep

Dissecting and Ligature Forceps
Präparierklemmen
Pinzas para preparación y ligadura
Pinces à disséquer et à ligatures
Pinze per preparazioni e legature



AF-535-19
Lahey (Sweet) Bile Duct Clamp
Curved
Overall Length 19.5 cm (7 ¾")



AF-537-23
Lahey Bile Duct Clamp
Angled
Overall Length 22.5 cm (8 ¾")



AF-539-23
Lahey Bile Duct Clamp
Curved
Overall Length 23 cm (9")

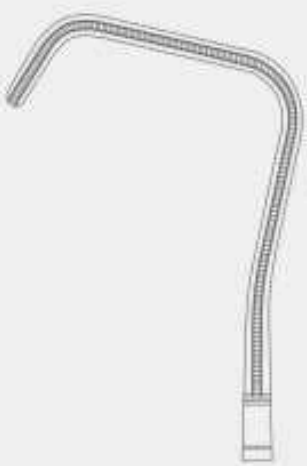
Dissecting and Ligature Forceps, Tangential Forceps
Präparierklemmen, Tangentialklemmen
Pinzas para preparación y ligadura, Pinzas tangenciales
Pinces à disséquer et à ligatures, Pinces tangentielles
Pinze per preparazioni e legature, Pinze tangenziali



AF-541-24
Finochietto Dissecting and Ligature Forcep
Right Angled
Overall Length 24 cm (9 ½")



AF-551-01
Fig. 1
25 cm (9 ¾")



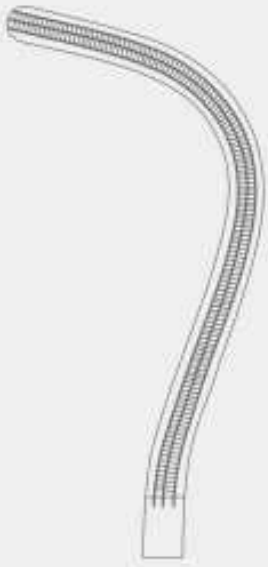
AF-551-02
Fig. 2
27 cm (10 ¾")

URO- Atrauma Tangential Occlusion Clamp

Kidney Pedicle Clamps
Nierenstielklemmen
Pinzas para pedículo renal
Pince-clamps pour pédicules rénaux
Pinze per peduncoli renali



AF-561-23
23 cm (9")



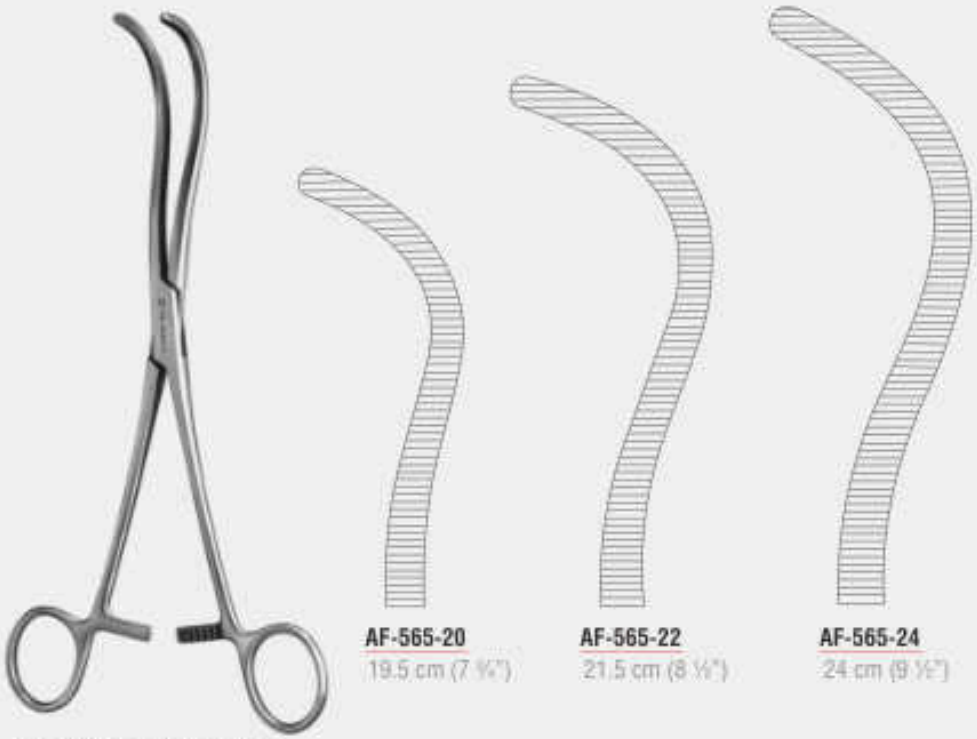
AF-561-24
24 cm (9 ½")

Guyon Atrauma Kidney Pedicle Clamp
Curved

Kidney Pedicle Clamps
Nierenstielklemmen
Pinzas para pédículo renal
Pince-clamps pour pédicules rénaux
Pinze per peduncoli renali



AF-563-23
Guyon Kidney Pedicle Clamp
Curved
Overall Length 24 cm (9 ½")



AF-565-20
19.5 cm (7 ¾")

AF-565-22
21.5 cm (8 ½")

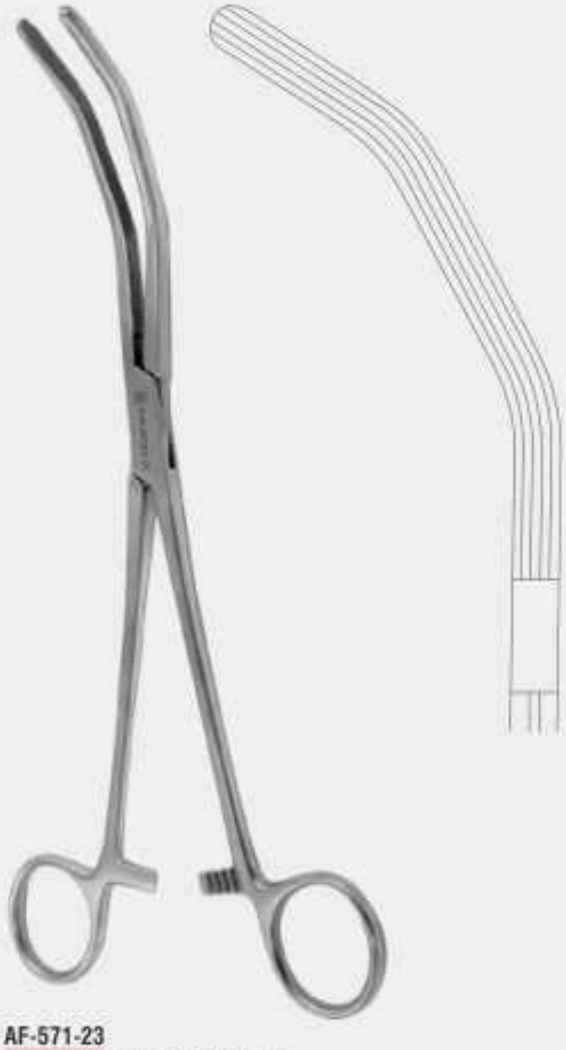
AF-565-24
24 cm (9 ½")

Guyon Kidney Pedicle Clamp
Curved

Kidney Pedicle Clamps
Nierenstielklemmen
Pinzas para pedículo renal
Pince-clamps pour pédicules rénaux
Pinze per peduncoli renali



AF-569-23
Stille Kidney Pedicle Clamp
Curved, Grooved
Overall Length 23 cm (9")



AF-571-23
Herrick Kidney Pedicle Clamp
Double Angled, Longitudinally Serrated
Overall Length 23 cm (9")

Bile Duct Clamps, Dissecting and Ligature Forceps
Gallenkanalklemmen, Präparierklemmen
Pinzas para conducto biliar, Pinzas para preparación y ligadura
Pinces pour les voies biliaires, Pinces à disséquer et à ligatures
Pinze per vie biliari, Pinze per preparazioni e legature



AF-581-21
Desjardins Bile Duct Clamp
Curved Downwards
Overall Length 21 cm (8 ⅛")



AF-583-21
Nissen Bile Duct Clamp
Curved Downwards
Overall Length 21,5 cm (8 ½")



Gray Dissecting and Ligature Forcep
Curved S Shaped

AF-591-01
22 cm (8 ¾")



AF-591-02
22 cm (8 ¾")

Towel Clamps
Tuchklemmen
Pinzas de campo
Pinces à champs
Pinze fissatele



AF-751-18
Doyen Towel Clamp
Overall Length 18 cm (7")



AF-755-09
Schaedel Towel Clamp
Sharp
Overall Length 9 cm (3 ½")



AF-761-05
5.5 cm (2 ⅛")

AF-761-09
8.5 cm (3 ¼")

Jones Towel Clamp
Sharp



AF-765-09
Jones-Martin Towel Clamp
Sharp, With Cable Holder
Overall Length 8.5 cm (3 ¼")



AF-769-01
For Cable Up To 5 mm

AF-769-02
For Cable Up To 13 mm

Robin Towel Clamp
With Cable Holder
Overall Length 13.5 cm (5 ⅓")

Towel Clamps
Tuchklemmen
Pinzas de campo
Pinces à champs
Pinze fissatele



AF-771-11
Backhaus Towel Clamp
With Tube Holder
Overall Length 13 cm (5")



Backhaus Towel Clamp



AF-773-08
9 cm (3 ½")

AF-773-11
11.5 cm (4 ½")

AF-773-13
13 cm (5")

AF-773-15
16 cm (6 ¼")



AF-777-13
Roeder Towel Clamp
Overall Length 13.5 cm (5 ¼")



Lorna Towel Clamp
Fine Serrated, Wide Jaw

AF-781-10
9.5 cm (3 ¾")

AF-781-13
13 cm (5")

Towel Clamps
Tuchklemmen
Pinzas de campo
Pinces à champs
Pinze fissatele



AF-785-16
Bernhard Towel Clamp
Overall Length 16.5 cm (6 ½")



AF-787-10
10.5 cm (4")
AF-787-13
13.5 cm (5 ¼")

Tohoku Towel Clamp
Blunt



AF-791-10
10 cm (4")
AF-791-13
13.5 cm (5 ¼")

Non Perforating Towel Clamp



AF-793-14
Peers-Bertram Towel Clamp
With Jaw for Tube Fixation
Overall Length 14.5 cm (5 ¾")

Towel Clamps, Tubing Clamps
Tuchklemmen, Schlauchklemmen
Pinzas de campo, Pinzas para tubos
Pinces à champs, Pinces presse-tubes
Pinze fissatele, Pinze serratubi



AF-795-11
11.5 cm (4 ½")

AF-795-14
14 cm (5 ½")

Towel Clamp
For Paper Clothes





AF-799-13
13 cm (5")

AF-799-15
15.5 cm (6")

AF-799-20
19.5 cm (7 ¾")

Lane Towel Clamp



AF-801-19
Moynihan Towel Clamp
2 x 2 Prongs
Overall Length 19 cm (7 ½")



AF-850-14
Klinikum-Berlin Tubing Clamp
Extra Long Ratchet
Overall Length 14 cm (5 ½")





AF-852-16
16.5 cm (6 ½")

AF-852-18
18 cm (7")

Presbyterian Tubing Clamp

Tubing Clamps
Schlauchklemmen
Pinzas para tubos
Pinces presse-tubes
Pinze serratubi



Tubing Clamp



AF-860-15
15.5 cm (6")



AF-860-18
19 cm (7 ½")



AF-860-20
20.5 cm (8")



Tubing Clamp
With Safety Guard



AF-862-15
15.5 cm (6")



AF-862-18
19 cm (7 ½")



AF-862-20
20.5 cm (8")

Tube Milking Rollers
Rollenklemmen
Pinzas de rodillos
Pinces à roulette
Pinze con rotelle

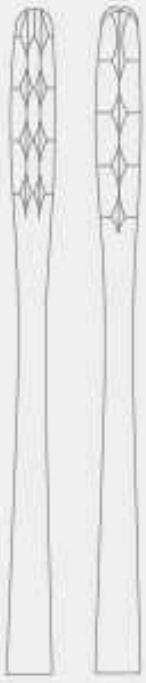


AF-890-00
Brompton Tube Milking Roller
Standard

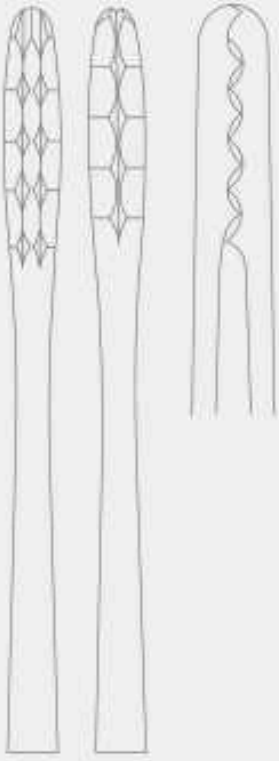
Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



Ulrich Dressing Forcep



SF-100-22
Straight
22.5 cm (8 ¾")



SF-100-27
Straight
26.5 cm (10 ½")



SF-101-22
Curved
22.5 cm (8 ¾")



SF-101-27
Curved
26.5 cm (10 ½")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



SF-111-13
Bryant Dressing Forcep
Curved
Overall Length 13 cm (5")



Lister Sinus Forcep

SF-120-13
Straight
13 cm (5")



SF-120-16
Straight
16 cm (6 ¼")

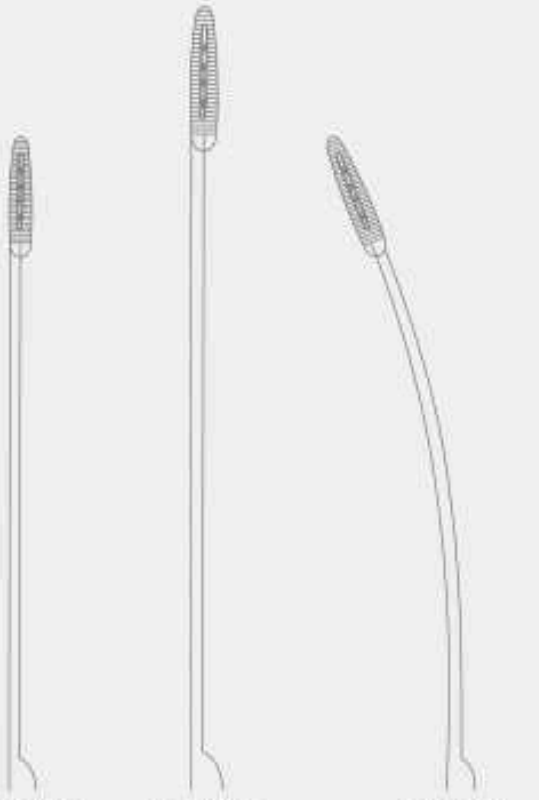


SF-120-18
Straight
18 cm (7")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



Martin Dressing Forcep



SF-130-17
Straight
17.5 cm (7")

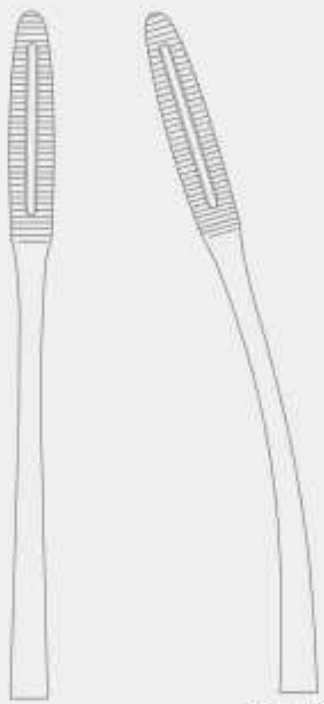
SF-130-25
Straight
25.5 cm (10")

SF-131-17
Curved
17 cm (6 ¾")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



Gross-Maier Dressing Forcep



SF-150-20
Straight
With Ratchet
20.5 cm (8")

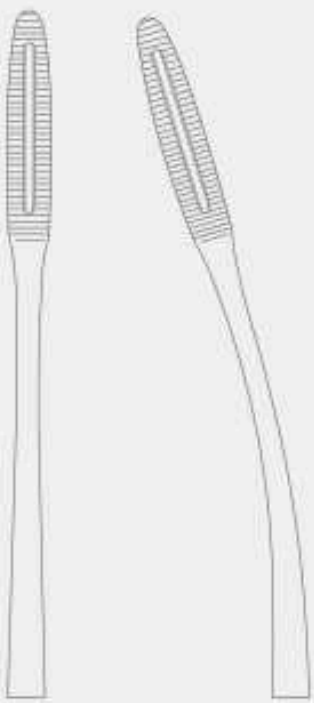
SF-150-22
Straight
With Ratchet
22 cm (8 ¾")

SF-150-27
Straight
With Ratchet
26.5 cm (10 ½")

SF-151-20
Curved
With Ratchet
20 cm (8")

SF-151-22
Curved
With Ratchet
21.5 cm (8 ½")

SF-151-27
Curved
With Ratchet
26 cm (10 ¼")



SF-152-20
Straight
Without Ratchet
20.5 cm (8")

SF-152-22
Straight
Without Ratchet
22 cm (8 ¾")

SF-152-27
Straight
Without Ratchet
26.5 cm (10 ½")

SF-153-20
Curved
Without Ratchet
20 cm (8")

SF-153-22
Curved
Without Ratchet
21.5 cm (8 ½")

SF-153-27
Curved
Without Ratchet
26 cm (10 ¼")

Sponge Holding Forceps
Schwammhaltezange
Pinzas para sujetar esponjas
Pince à éponge
Pinza per spugna



SF-160-26
Straight

SF-161-26
Curved

Pelkmann Foreign Body Forcep
Overall Length 26 cm (10 ¼")

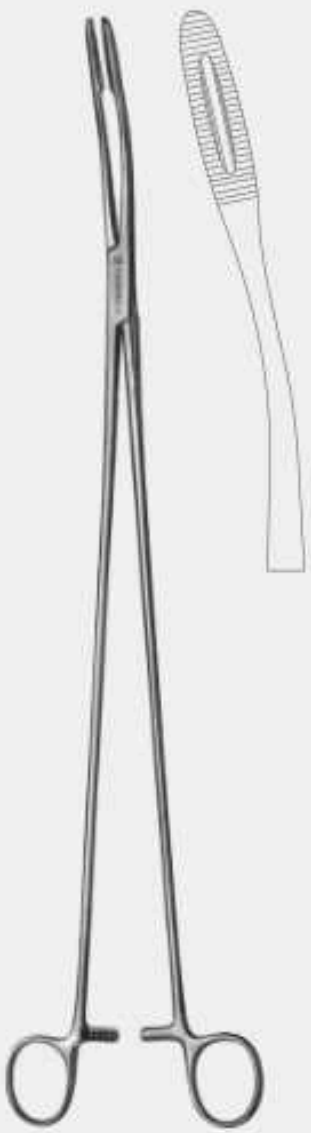


SF-164-21
Straight

SF-165-21
Curved

Duplay Sponge Holding Forcep
Overall Length 21 cm (8 ¼")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



SF-171-40
Tunneling Forcep
Curved
Overall Length 39.5 cm (15 ½")



SF-180-25
Collin Dressing Forcep
Straight
Overall Length 25.5 cm (10")



SF-191-25
Cheron Dressing Forcep
Straight
Overall Length 25 cm (9 ¾")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



SF-196-21
Emmet Dressing Forcep
Straight
Overall Length 21 cm (8 ¼")



SF-200-26
Bozemann Sponge Holding Forcep
Straight
Overall Length 26 cm (10 ¼")

Dressing Forceps
Tupferzangen
Pinzas para tapones
Pinces à tampons
Pinze per tamponi



SF-201-20
Curved
20.5 cm (8")

SF-201-26
Curved
26.5 cm (10 ½")

Bozemann Sponge Holding Forcep
Curved, S Shaped

SF-203-26
Bozemann-Douglas Sponge Holding Forcep
Curved, S Shaped
Overall Length 26 cm (10 ¼")

Sponge Holding Forceps
Schwammhaltezange
Pinzas para sujetar esponjas
Pince à éponge
Pinza per spugna



SF-220-20
Heywood-Smith Sponge Holding Forcep
Straight
Overall Length 20 cm (8")



SF-222-21
Heywood-Smith Sponge Holding Forcep
Straight
Overall Length 21 cm (8 ¼")

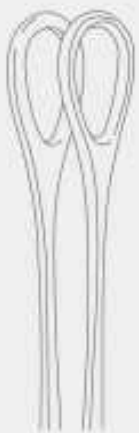
Sponge Holding Forceps
Schwammhaltezange
Pinzas para sujetar esponjas
Pince à éponge
Pinza per spugna



SF-250-24
Bergmann Sponge Holding Forcep
Straight
Overall Length 24 cm (9 ½")



Foerster Sponge Holding Forcep



SF-300-25
Straight
Smooth Jaws
25 cm (9 ¾")



SF-301-25
Curved
Smooth Jaws
24.5 cm (9 ¾")



SF-350-18
Straight
18 cm (7")

SF-350-20
Straight
20.5 cm (8")

SF-350-25
Straight
25 cm (9 ¾")
Serrated Jaws



SF-351-18
Curved
17.5 cm (7")

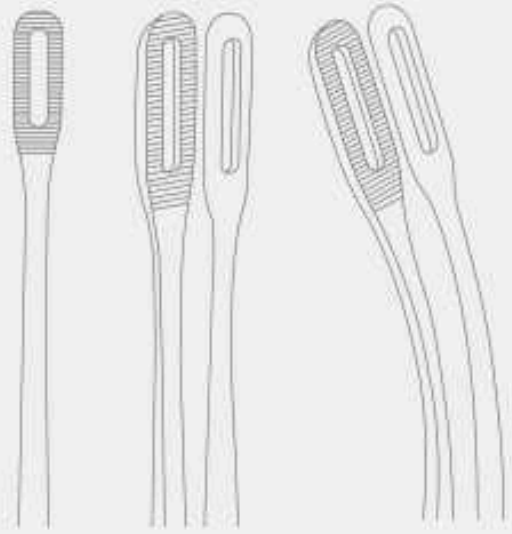
SF-351-20
Curved
20 cm (8")

SF-351-25
Curved
24.5 cm (9 ¾")
Serrated Jaws

Sponge Holding Forceps
Schwammhaltezange
Pinzas para sujetar esponjas
Pince à éponge
Pinza per spugna



Foerster Sponge Holding Forcep



SF-360-25
Straight
25 cm (9 ¾")

SF-361-25
Curved
24.5 cm (9 ¾")

Sponge Holding Forceps
Schwammhaltezange
Pinzas para sujetar esponjas
Pince à éponge
Pinza per spugna



SF-380-18
18.5 cm (7 ¼")



SF-380-25
24.5 cm (9 ¾")

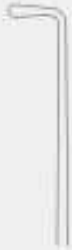
Rampley Sponge Holding Forcep
Straight

Nerve Hooks
Nervhaken
Ganchos para nervios
Crochets à nerfs
Uncini per nervi



RT-040-01
Fig. 1
19 cm (7 ½")

RT-042-01
Fig. 1
28 cm (11")

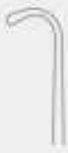


RT-040-02
Fig. 2
19.5 cm (7 ¾")

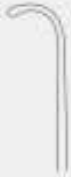
RT-042-02
Fig. 2
28.5 cm (11")

Cushing Nerve Hook
Blunt





RT-048-01
Fig. 1



RT-048-02
Fig. 2



RT-048-03
Fig. 3

Graefe Nerve Hook
Blunt
Overall Length 14 cm (5 ½")

Nerve Hooks
Nervhaken
Ganchos para nervios
Crochets à nerfs
Uncini per nervi





RT-050-14
Angled 90°
Ø 1.4 mm
14.5 cm (5 ¾")



RT-050-20
Angled 90°
Ø 1.4 mm
20 cm (8")

Crile Nerve Hook



RT-052-20
Crile Nerve Hook
Angled 30°, Ø 1,4 mm
Overall Length 20 cm (8")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Wound Retractor
Small Curved
Overall Length 16.5 cm (6 ½")

Sharp Prongs					
	RT-100-01	**RT-100-02**	**RT-100-03**	**RT-100-04**	
Blunt Prongs					
	RT-101-01	**RT-101-02**	**RT-101-03**	**RT-101-04**	

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-104-02
Sharp

RT-104-03
Sharp

RT-104-04
Sharp

RT-105-02
Blunt

RT-105-03
Blunt

RT-105-04
Blunt



Wound Retractor
Flexible Prongs
Overall Length 16 cm (6 ¼")

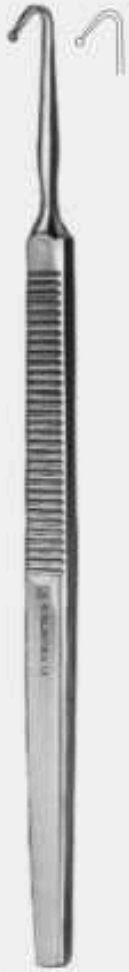


RT-108-01
Sharp

RT-108-02
Blunt

Wound Retractor
Overall Length 16.5 cm (6 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-110-12
Moldestad Vessel Hook
Overall Length 12 cm (4 ¾")



Desmarres Lid Retractor
Overall Length 16 cm (6 ¼")



RT-120-08
8.0 mm



RT-120-10
10.0 mm



RT-120-12
12.0 mm



RT-120-14
14.0 mm



RT-120-16
16.0 mm



RT-120-18
18.0 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-122-12
12.0 mm

RT-122-14
14.0 mm

RT-122-16
16.0 mm

RT-122-18
18.0 mm

Lid Retractor
Hollow Blade
Overall Length 16 cm (6 ¼")



RT-124-14
Masing Lid Retractor
12.0 mm
Overall Length 14 cm (5 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Mini-Langenbeck Retractor
Overall Length 18 cm (6 ¼")



RT-130-10
10 x 6 mm



RT-130-17
17 x 5 mm



RT-130-20
20 x 6 mm



RT-130-22
22 x 8 mm



Langenbeck-Green Retractor
Overall Length 18 cm (6 ¼")



RT-132-16
16 x 6 mm



RT-132-24
24 x 6 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-136-16
Wound Retractor
Two Blunt Prongs
14 x 8 mm
Overall Length 16 cm (6 ¼")



Senn-Green Retractor
Overall Length 15 cm (6")



RT-156-01
Fig. 1
20 x 6 mm



RT-156-02
Fig. 2
10 x 6 mm

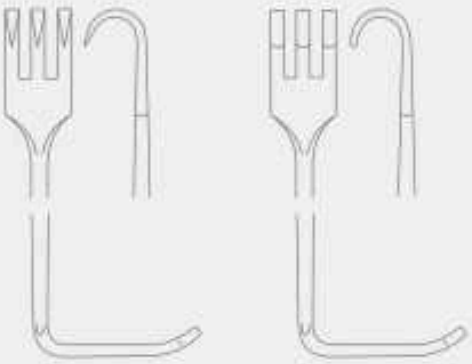


RT-158-14
Ragnell-Davis Retractor
8 x 4 mm - 15 x 5.5 mm
Overall Length 14 cm (5 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Senn-Miller Retractor
Overall Length 16 cm (6 ½")



RT-162-16
Sharp
20 x 7 mm

RT-163-16
Blunt
20 x 7 mm



RT-170-20
Cushing Retractor/Saddle Hook
Overall Length 20.5 cm (8")

Saddle Hooks
Sattelhäkchen
Ganchos en forma de silla
Ecarteurs sous forme de selle
Divaricatori a forma di sella



RT-172-08
8.0 mm



RT-172-10
10.0 mm



RT-172-12
12.0 mm



RT-172-14
14 mm



RT-172-16
16 mm



RT-172-18
18 mm

Cushing Retractor/Saddle Hook
Overall Length 20.5 cm (8")



RT-174-08
8.0 mm



RT-174-10
10.0 mm



RT-174-12
12.0 mm



RT-174-14
14 mm



RT-174-16
16 mm



RT-174-18
18 mm

Cushing Retractor/Saddle Hook
Overall Length 24 cm (9 ½")

Saddle Hooks, Vein Hooks
Sattelhäkchen, Venenhäkchen, Wundhäkchen
Ganchos en forma de silla, Ganchitos para venas
Ecarteurs sous forme de selle, Ecarteurs pour veines
Divaricatori a forma di sella, Divaricatori per vena



RT-176-08
8.0 mm

RT-176-11
11.0 mm

RT-176-15
15.0 mm

RT-176-17
17.0 mm

RT-176-20
20.0 mm

RT-176-23
23.0 mm

Gil-Vernet Retractor/Saddle Hook
Malleable Shaft
Overall Length 24 cm (9 ½")



RT-178-01
Narrow

RT-178-02
Wide

Brom Vein Hook
Overall Length 19.5 cm (7 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





RT-180-01
Smooth



RT-180-02
Toothed

Strandell-Stille Retractor
Overall Length 19 cm (7 ½")

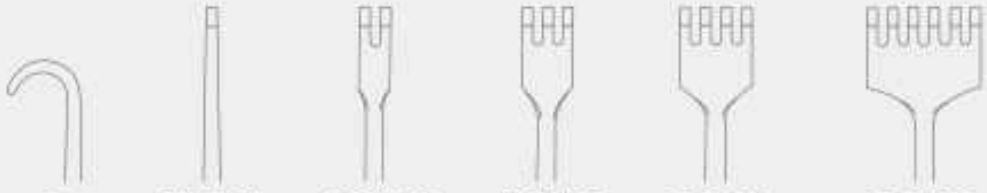
Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Volkmann Retractor
Overall Length 22 cm (8 ¾")



Sharp	**RT-210-01** 1 Prong	**RT-210-02** 2 Prongs	**RT-210-03** 3 Prongs	**RT-210-04** 4 Prongs	**RT-210-06** 6 Prongs



Blunt	**RT-211-01** 1 Prong	**RT-211-02** 2 Prongs	**RT-211-03** 3 Prongs	**RT-211-04** 4 Prongs	**RT-211-06** 6 Prongs



Semi Sharp	**RT-212-01** 1 Prong	**RT-212-02** 2 Prongs	**RT-212-03** 3 Prongs	**RT-212-04** 4 Prongs	**RT-212-06** 6 Prongs

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-214-01
Volkmann Retractor
Sharp, 1 Prong
Overall Length 21.5 cm (8 ½")



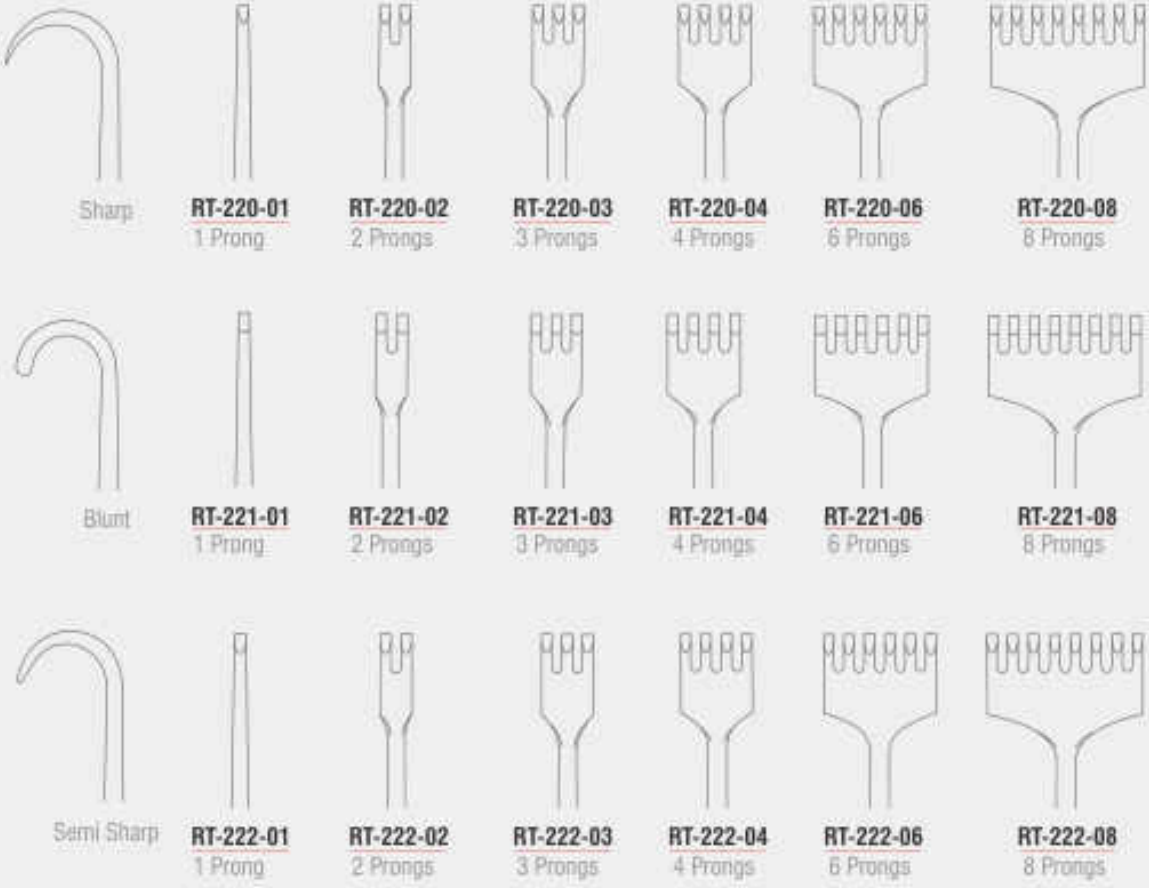
RT-215-01
Volkmann Retractor
Blunt, 1 Prong
Overall Length 21.5 cm (8 ½")



RT-218-01
Volkmann Retractor
Sharp, 1 Prong
Overall Length 21.5 cm (8 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





Kocher Retractor
Overall Length 22 cm (8 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Murphy Retractor
Overall Length 19.5 cm (7 ¾")



RT-224-03
Sharp
3 Prongs



RT-224-04
Sharp
4 Prongs



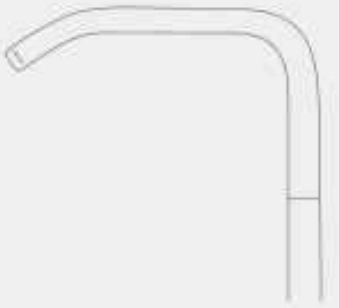
RT-225-03
Blunt
3 Prongs



RT-225-04
Blunt
4 Prongs

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





RT-231-03
Blunt
36 x 30 mm
3 Prongs

Ollier Retractor
Overall Length 24.5 cm (9 ¾")





RT-231-04
Blunt
39 x 60 mm
4 Prongs

Ollier Retractor
Overall Length 23 cm (9")



RT-235-02
Wassmund Retractor
33 x 21 mm
Overall Length 20.5 cm (8")



Koerte Retractor
Overall Length 24.5 cm (9 ¾")



RT-238-08
Sharp, 8 Prongs
40 x 30 mm



RT-239-08
Blunt, 8 Prongs
40 x 30 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori







RT-241-04
Blunt, 4 Prongs
40 x 40 mm



Israel Retractor
Overall Length 25.5 cm (10")





RT-243-05
Blunt, 5 Prongs
45 x 50 mm





RT-245-06
Blunt, 6 Prongs
50 x 60 mm



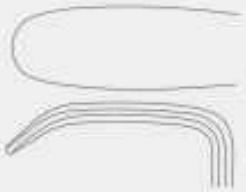


RT-247-07
Blunt, 7 Prongs
70 x 70 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Langenbeck Retractor
Overall Length 22.5 cm (8 ¾")



RT-251-01
30 x 11



RT-251-02
30 x 14



RT-251-03
30 x 16



RT-251-04
40 x 11



RT-251-05
50 x 11

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-255-00
Langenbeck Retractor
33 x 14
Overall Length 22.5 cm (8 ¾")



Langenbeck Retractor
Overall Length 21 cm (8 ¼")



RT-257-01
55 x 20 mm



RT-257-02
60 x 20 mm



RT-257-03
63 x 20 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-259-22
Langenbeck Retractor
85 x 15 mm
Overall Length 22.5 cm (8 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-271-19
Lahey Retractor
31 x 6 mm
Overall Length 19.5 cm (7 ¾")



RT-275-20
Little Retractor
13 x 15 mm
Overall Length 20 cm (8")

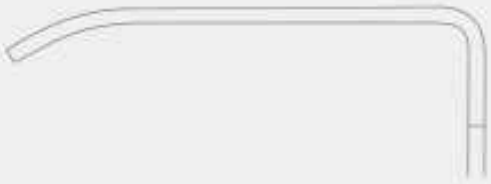
Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Kocher Retractor
Overall Length 23 cm (9")



RT-281-18
41 x 18 mm



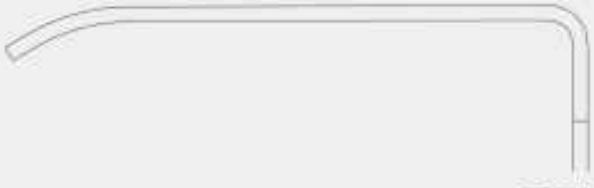
RT-281-20
61 x 20 mm



RT-281-25
61 x 25 mm



RT-281-30
75 x 30 mm

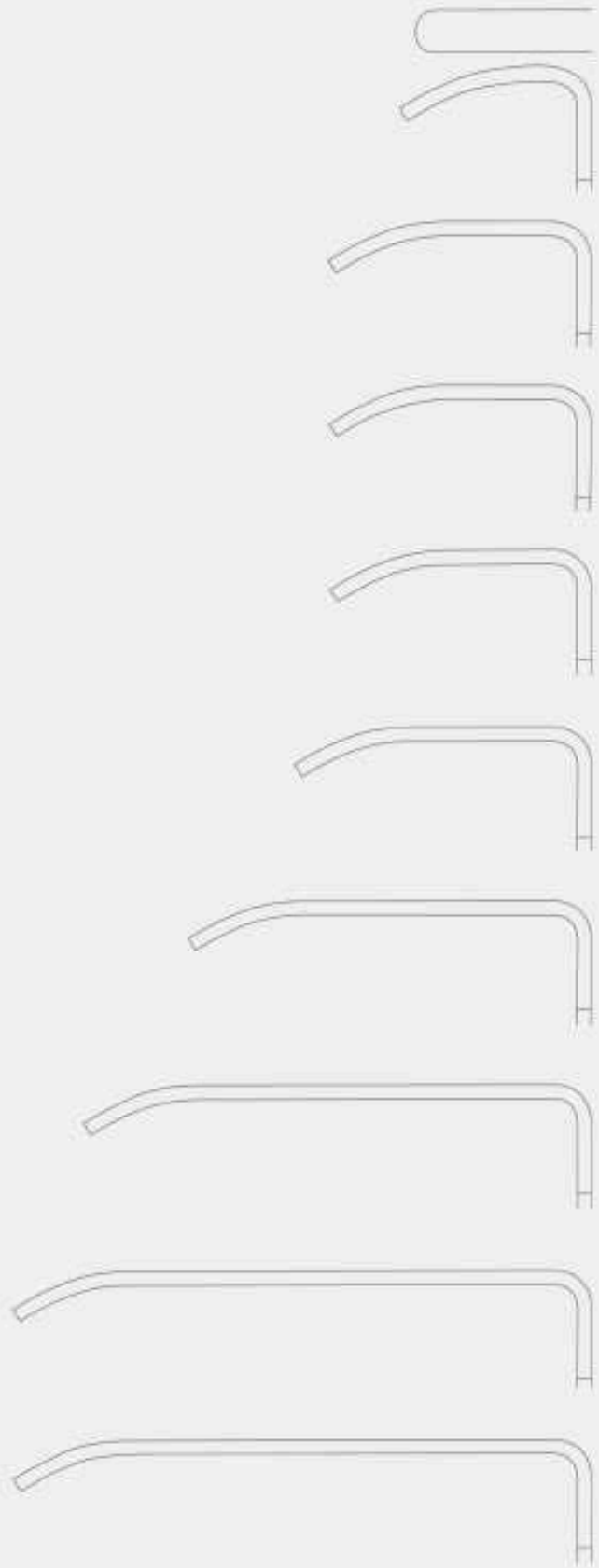


RT-281-40
75 x 40 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Kocher-Langenbeck Retractor
Overall Length 21.5 cm (8 ½")



RT-291-01
25 x 6 mm

RT-291-02
35 x 8 mm

RT-291-03
35 x 11 mm

RT-291-04
35 x 15 mm

RT-291-05
40 x 11 mm

RT-291-06
55 x 11 mm

RT-291-07
70 x 14 mm

RT-291-08
80 x 12 mm

RT-291-09
80 x 16 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Kocher-Langenbeck Retractor
Overall Length 21.5 cm (8 ½")



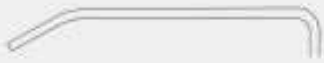
RT-293-01
25 x 10 mm



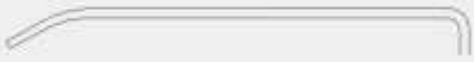
RT-293-02
40 x 13 mm



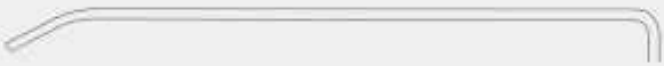
RT-293-03
60 x 13 mm



RT-293-04
40 x 18 mm



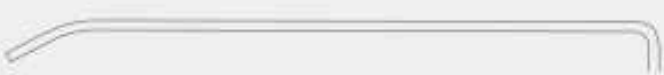
RT-293-05
60 x 18 mm



RT-293-06
85 x 18 mm



RT-293-07
60 x 25 mm



RT-293-08
85 x 25 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



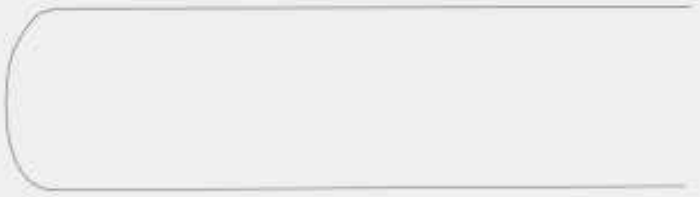
Sauerbruch Retractor
Overall Length 22.5 cm (8 ¾")



RT-295-01
45 x 15 mm



RT-295-02
60 x 23 mm

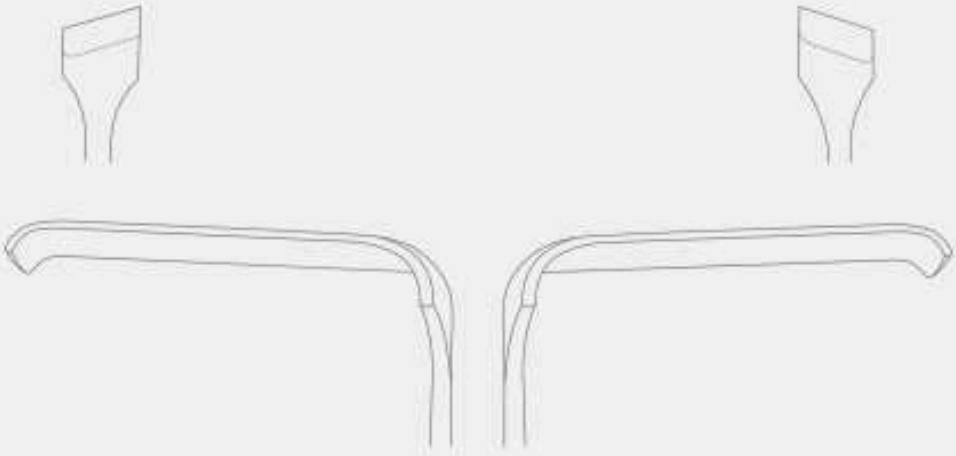


RT-295-03
72 x 20 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Kirsch Retractor
Overall Length 21 cm (8 ¼")



RT-297-01
Left
60 x 11 mm

RT-297-02
Right
60 x 11 mm

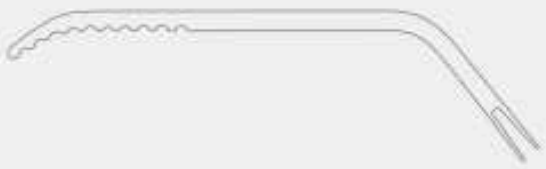
Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Zenker Retractor



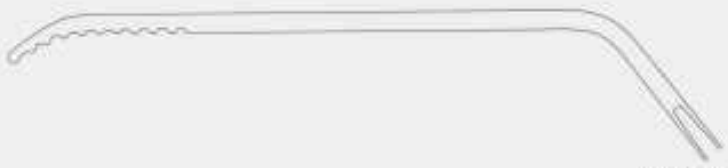
RT-301-01
35 x 8 mm
25 cm (9 ¾")



RT-301-02
60 x 12 mm
26.5 cm (10 ½")



RT-301-03
75 x 12 mm
27.5 cm (10 ¾")



RT-301-04
85 x 20 mm
28.5 cm (11 ¼")



RT-301-05
100 x 25 mm
30.5 cm (12")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Koenig Retractor
Overall Length 18 cm (7")



RT-305-01
13 x 13 mm



RT-305-02
12 x 16 mm







RT-321-01
22 x 12 mm



RT-321-02
24 x 14 mm

Kocher Retractor
Overall Length 21.5 cm (8 ½")







RT-331-01
42 x 10 mm
22 cm (8 ¾")



RT-331-02
42 x 15 mm
23 cm (9")



RT-331-03
43 x 20 mm
23 cm (9")

Kocher Retractor

Retractors
Wundhaken, Wundhäkchen
Separadores
Ecarteurs
Divaricatori



RT-335-20
Schoenborn Retractor
13 x 6 mm
Overall Length 20 cm (8")



RT-337-20
Wound Retractor
Double Ended, 20 x 19 mm
Overall Length 20.5 cm (8")



RT-341-23
Dissecting Hook
For Longitudinal
Dissection of Vessels
Overall Length 23.5 cm (9 ¼")



RT-351-21
Durham Retractor
16 x 25 mm
Overall Length 21.5 cm (8 ½")



RT-353-01
15 x 17 mm
21.5 cm (8 ½")

RT-353-02
22 x 22 mm
23 cm (9")

RT-353-03
26 x 31 mm
24.5 cm (9 ¾")

Middeldorf Retractor

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Middeldorf Retractor



RT-355-01
48 x 45 mm
27 cm (10 ¾")

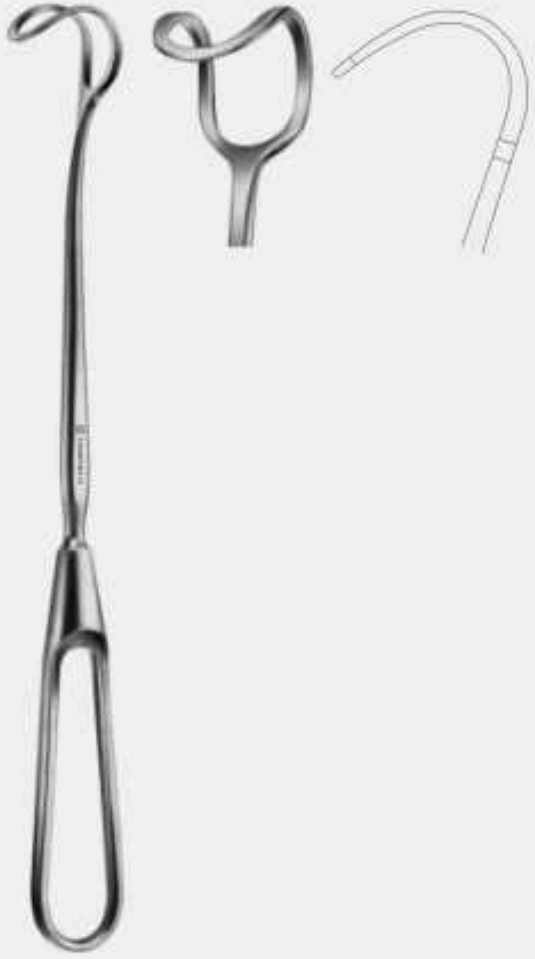


RT-355-02
52 x 50 mm
27 cm (10 ¾")



RT-355-03
60 x 70 mm
28 cm (11")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-357-22
Greene Retractor
22 x 22 mm
Overall Length 22.5 cm (8 ¾")



RT-361-20
Buchs Retractor
38 x 18 mm
Overall Length 20.5 cm (8")

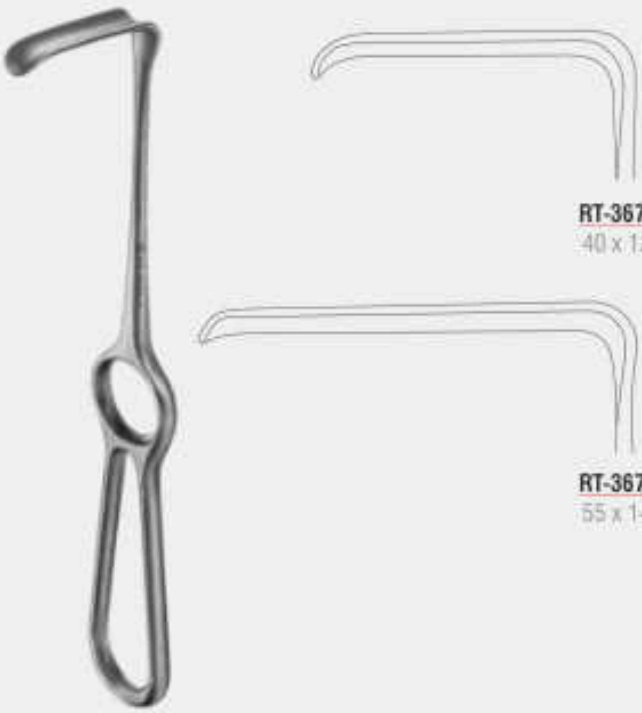
Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-363-21
Kraemer Retractor
66 x 10 mm
Overall Length 21 cm (8 ¼")



RT-365-21
Caspar Retractor
67 x 17 mm
Overall Length 21 cm (8 ¼")



Dockhorn Retractor
Overall Length 21 cm (8 ¼")

RT-367-01
40 x 12 mm

RT-367-02
55 x 14 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-369-18
18 mm

RT-369-20
20 mm

RT-369-23
23 mm

Cloward Retractor
Overall Length 18.5 cm (7 ¼")



RT-373-01
115 x 22 mm

RT-373-02
115 x 27 mm

RT-371-25
Martin Retractor
110 x 27 mm
Overall Length 26 cm (10 ¼")

Simon Retractor
Overall Length 28 cm (11")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





RT-375-18
180 x 30 mm

RT-375-16
160 x 30 mm

RT-375-14
144 x 30 mm

RT-375-13
130 x 30 mm

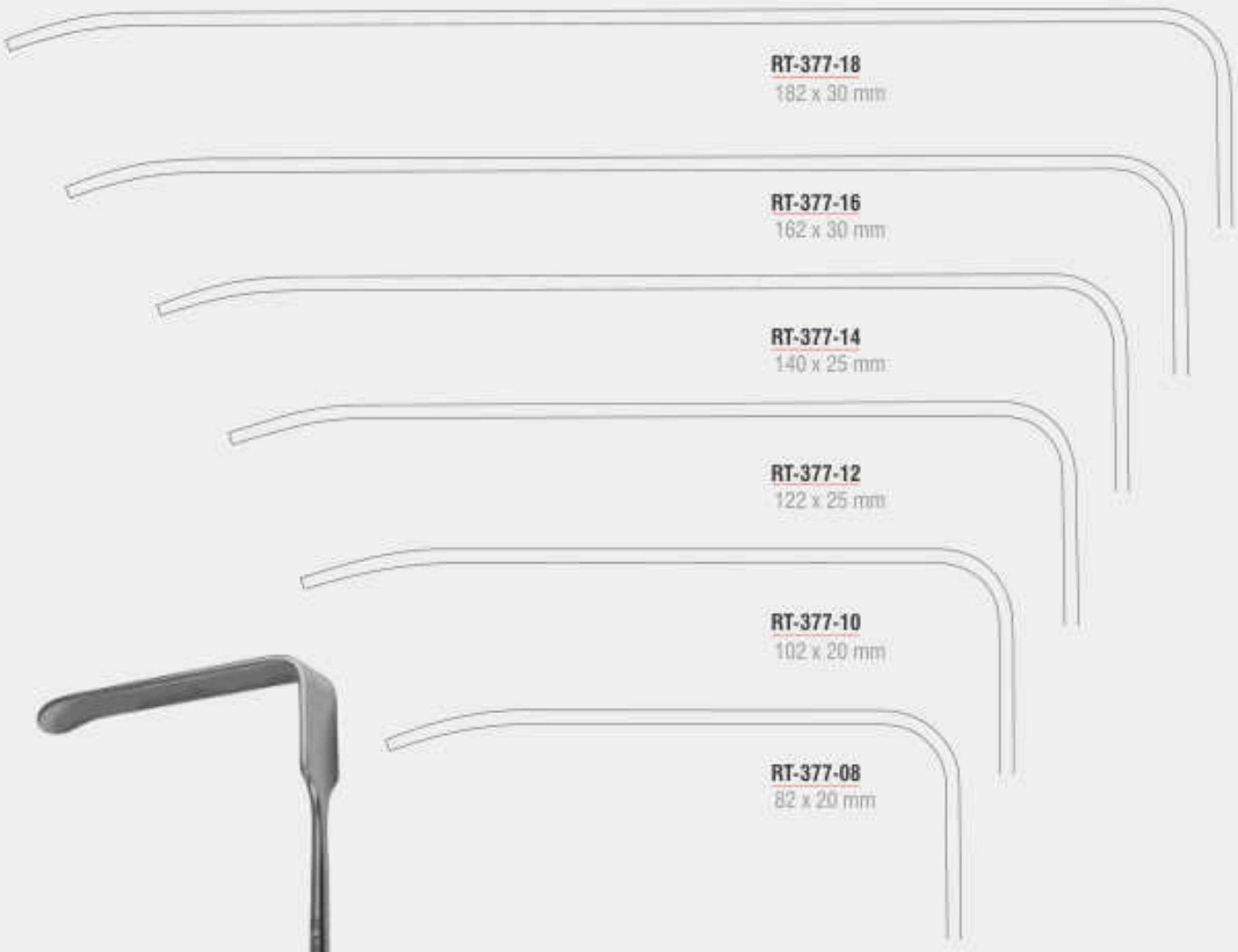
RT-375-12
124 x 30 mm

RT-375-10
104 x 25 mm

RT-375-08
84 x 20 mm

Brunner Retractor
Overall Length 25.5 cm (10")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-377-18
182 x 30 mm

RT-377-16
162 x 30 mm

RT-377-14
140 x 25 mm

RT-377-12
122 x 25 mm

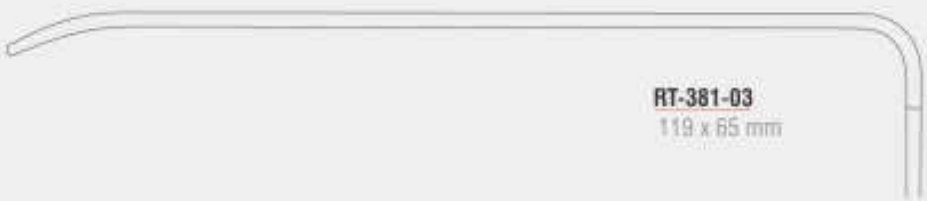
RT-377-10
102 x 20 mm

RT-377-08
82 x 20 mm

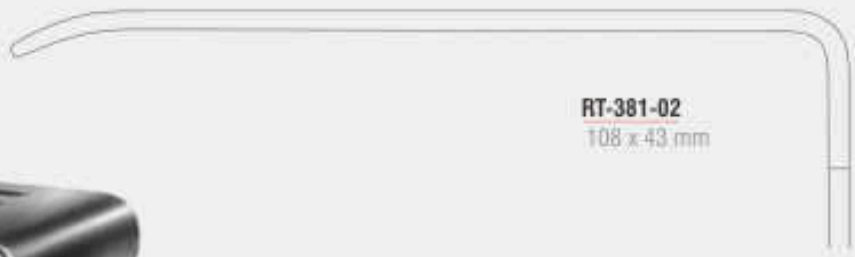


Brunner Retractor
Overall Length 25.5 cm (10")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-381-03
119 x 65 mm



RT-381-02
108 x 43 mm



RT-381-01
85 x 22 mm



Coryllos Retractor
Overall Length 24 cm (9 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-385-01
80 x 54 mm
19 cm (7 ½")

RT-385-02
80 x 95 mm
18.5 cm (7 ¼")

Davidson Scapula Retractor



RT-387-25
Sauerbruch Retractor
127 x 38 mm
Overall Length 25.5 cm (10")



RT-400-00
Set of Fig. 1 & Fig. 2

RT-400-01
Fig. 1
28 x 20 mm-36 x 28 mm
Overall Length 26 cm (10 ¼")

RT-400-02
Fig. 2
49 x 38 mm-63 x 49 mm
Overall Length 27 cm (10 ¾")

Richardson-Eastman Retractor

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Richardson Retractor



RT-403-01
25 x 21 mm
23.5 cm (9 ¼")



RT-403-02
30 x 29 mm
24 cm (9 ½")



RT-403-03
38 x 40 mm
24 cm (9 ½")



RT-405-24
Richardson Retractor
48 x 22 mm
Overall Length 24 cm (9 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Kelly Retractor
Overall Length 26 cm (10 ¼")



RT-409-01
50 x 40 mm

RT-409-02
62 x 50 mm

RT-409-03
70 x 65 mm

RT-409-04
90 x 76 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-413-21
Tuffier Retractor
58 x 64 mm
Overall Length 21.5 cm (8 ½")



Morris Retractor
Overall Length 24.5 cm (9 ¾")

RT-415-01
70 x 40 mm

RT-415-02
70 x 50 mm

RT-415-03
70 x 65 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-416-01
32 x 51 mm, 38 x 51 mm

RT-416-02
44 x 51 mm, 51 x 51 mm

RT-416-03
64 x 51 mm, 38 x 51 mm

Morris Retractor
Double Ended
Overall Length 21,5 cm (8 ½")



RT-417-20
Tudor-Edwards Retractor
55 x 47 mm
Overall Length 20,5 cm (8")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Meyerding Retractor



RT-419-01
52 x 16 mm
23 cm (9")



RT-419-02
76 x 25 mm
23 cm (9")



RT-419-03
89 x 50 mm
25.5 cm (10")



Doyen Retractor



RT-423-01
45 x 88 mm
24 cm (9 ½")

RT-423-02
53 x 80 mm
25 cm (9 ¾")

RT-423-03
78 x 82 mm
25 cm (9 ¾")



RT-431-01
48 x 90 mm

RT-431-02
48 x 105 mm

RT-431-03
48 x 120 mm

RT-431-04
48 x 135 mm

Doyen Retractor
Overall Length 28 cm (11")



645 Grams

RT-431-10
Chain With Weight
For use with RT-431-01 to RT-431-04
Overall Length 79 cm (31")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-435-22
Kocher Retractor
73 x 25 mm
Overall Length 24 cm (9 ½")



Kocher Retractor
Overall Length 25 cm (9 ¾")

RT-437-01
80 x 45 mm

RT-437-02
80 x 55 mm

RT-437-03
80 x 65 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Doyen-Stille Retractor
Overall Length 26 cm (10 ¼")



RT-441-01
67 x 28 mm

RT-441-02
97 x 31 mm

RT-441-03
117 x 52 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Fritsch Retractor



RT-445-01
37 x 31 mm
23.5 cm (9 ¼")



RT-445-02
38 x 40 mm
24 cm (9 ½")



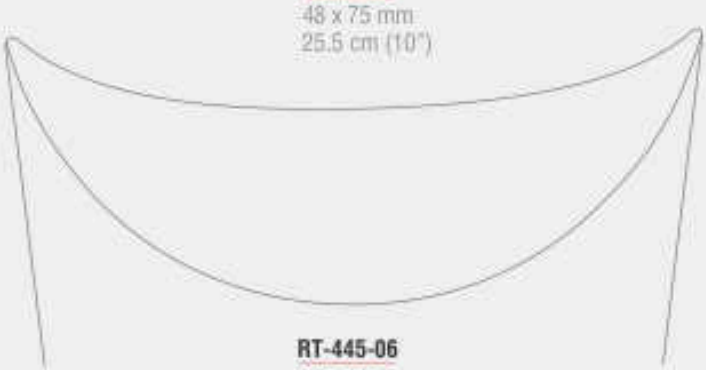
RT-445-03
43 x 51 mm
25 cm (9 ¾")



RT-445-04
49 x 61 mm
25 cm (9 ¾")



RT-445-05
48 x 75 mm
25.5 cm (10")



RT-445-06
65 x 85 mm
26.5 cm (10 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



Hoesel Retractor
Overall Length 26 cm (10 ¼")

RT-449-01
63 x 21 mm

RT-449-02
83 x 30 mm

RT-449-03
103 x 30 mm

RT-449-04
120 x 30 mm

RT-449-05
140 x 30 mm

RT-449-06
140 x 40 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





RT-455-01
Fig. 1
16 x 15 mm



RT-455-02
Fig. 2
23 x 13 mm





RT-455-03
Fig. 3
24 x 16 mm



RT-455-04
Fig. 4
27 x 13 mm



RT-455-05
Fig. 5
27 x 27 mm



RT-455-06
Fig. 6
25 x 39 mm

Ross Aorta Retractor
Flexible Shaft
Overall Length 25.5 cm (10")



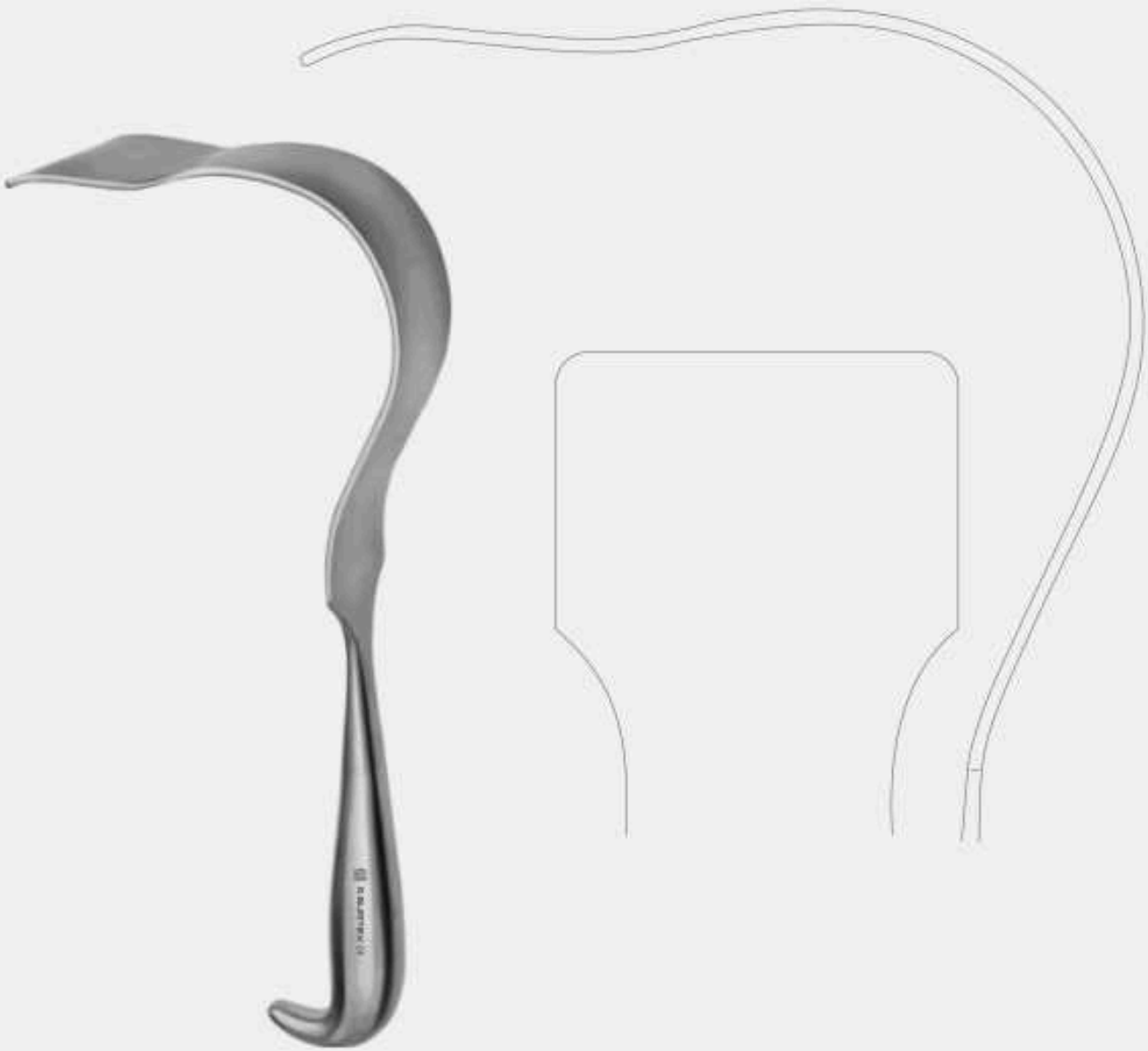
RT-457-06
6.0 mm

RT-457-08
8.0 mm

RT-457-11
11.0 mm

Cleland Valve Leaflet Retractor
Overall Length 26 cm (10 ¼")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-459-27
Polloson Retractor
Overall Length 29 cm (11 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-461-27
Polloson Retractor
Overall Length 25.5 cm (10")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-463-24
Harrington-Baby Retractor
70 x 24 mm
Overall Length 25.5 cm (10")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





Harrington Retractor



RT-465-01
137 x 44 mm
31.5 cm (12 ½")

RT-465-02
137 x 65 mm
33 cm (13")

RT-465-03
175 x 65 mm
33 cm (13")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-467-44
Foss Gall Bladder Retractor
44 mm
Overall Length 25.5 cm (10")



RT-471-01
Deaver Retractor
Fig. 1, 19 mm
Overall Length 18 cm (7")



RT-471-02
Deaver Retractor
Fig. 2, 22 mm
Overall Length 21.5 cm (8 ½")



RT-471-03
Deaver Retractor
Fig. 3, 25 mm
Overall Length 25 cm (9 ¾")



RT-471-04
Deaver Retractor
Fig. 4, 25 mm
Overall Length 31 cm (12 ¼")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-471-05
Deaver Retractor
Fig. 5, 25 mm
Overall Length 33 cm (13")



RT-471-06
Deaver Retractor
Fig. 6, 25 mm
Overall Length 36 cm (14 ¼")



RT-471-07
Deaver Retractor
Fig. 7, 38 mm
Overall Length 30 cm (11 ¾")



RT-471-08
Deaver Retractor
Fig. 8, 50 mm
Overall Length 31 cm (12 ¼")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-471-09
Deaver Retractor
Fig. 9, 75 mm
Overall Length 31.5 cm (12 ¼")



Deaver Baby Retractor
Overall Length 17 cm (6 ¾")

RT-473-08
8.0/ mm

RT-473-10
10./0 mm

RT-473-12
12./0 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





Deaver Retractor
With Hollow Handle
Overall Length 31.5 cm (12 ½")



RT-475-04
Fig. 4, 25 mm



RT-475-07
Fig. 7, 38 mm



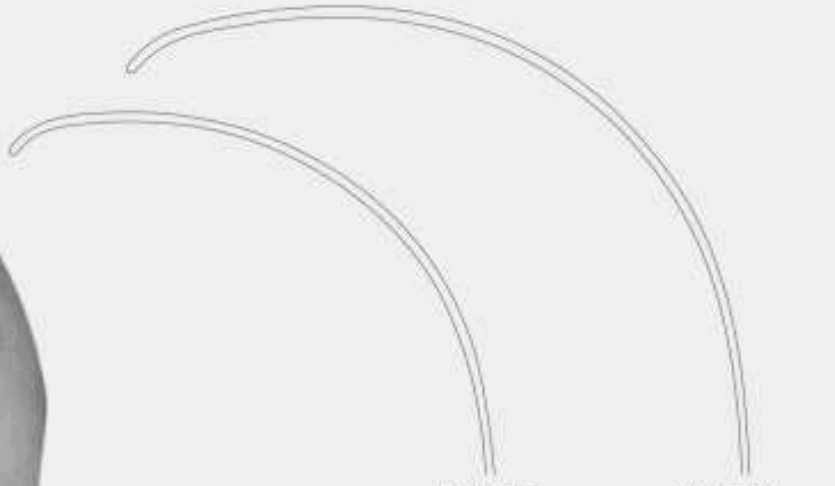
RT-475-08
Fig. 8, 50 mm



RT-475-10
Fig. 10, 100 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





RT-479-01
45 mm
25.5 cm (10")

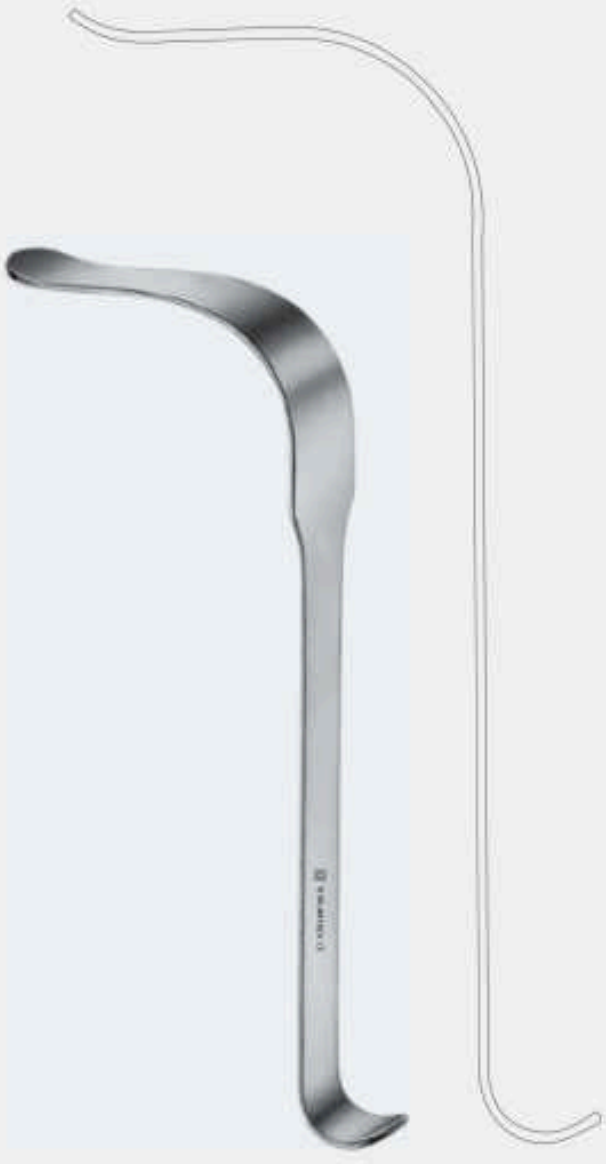
RT-479-02
60 mm
27.5 cm (10 ¼")

Leriche Retractor

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-479-03
Kummel Retractor
46 mm
Overall Length 28,5 cm (11 ¼")



RT-481-30
Koerte Retractor
46 mm
Overall Length 30 cm (11 ¾")



RT-483-01
25 x 44 mm

RT-483-02
28 x 73 mm

RT-483-03
28 x 83 mm

Heaney Retractor
Overall Length 26.5 cm (10 ½")



RT-485-01
Right
45 x 48 mm

RT-485-02
Right, Serrated
45 x 48 mm

Cooley Mitral Valve Retractor
Overall Length 25 cm (9 ¾")



RT-485-03
Left
25 x 46 mm

Cooley Mitral Valve Retractor
Overall Length 27 cm (10 ¾")



RT-485-04
Right
45 x 30 mm

RT-485-05
Right
45 x 35 mm

Cooley Mitral Valve Retractor
Overall Length 25 cm (9 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-487-01
Right Small, 22 mm
18.5 cm (7 ¼")

RT-487-02
Right Medium, 34 mm
19 cm (7 ½")

RT-487-03
Right Large, 47 mm
19 cm (7 ½")

Cooley Mitral Valve Retractor



RT-487-04
Left, 50 mm
22.5 cm (8 ¾")

RT-487-17
Left, 17 x 19 mm
18.5 cm (7 ¼")

RT-487-38
Left, 38 x 19 mm
18.5 cm (7 ¼")

RT-487-45
Left, 45 x 22 mm
18.5 cm (7 ¼")

Cooley Mitral Valve Retractor

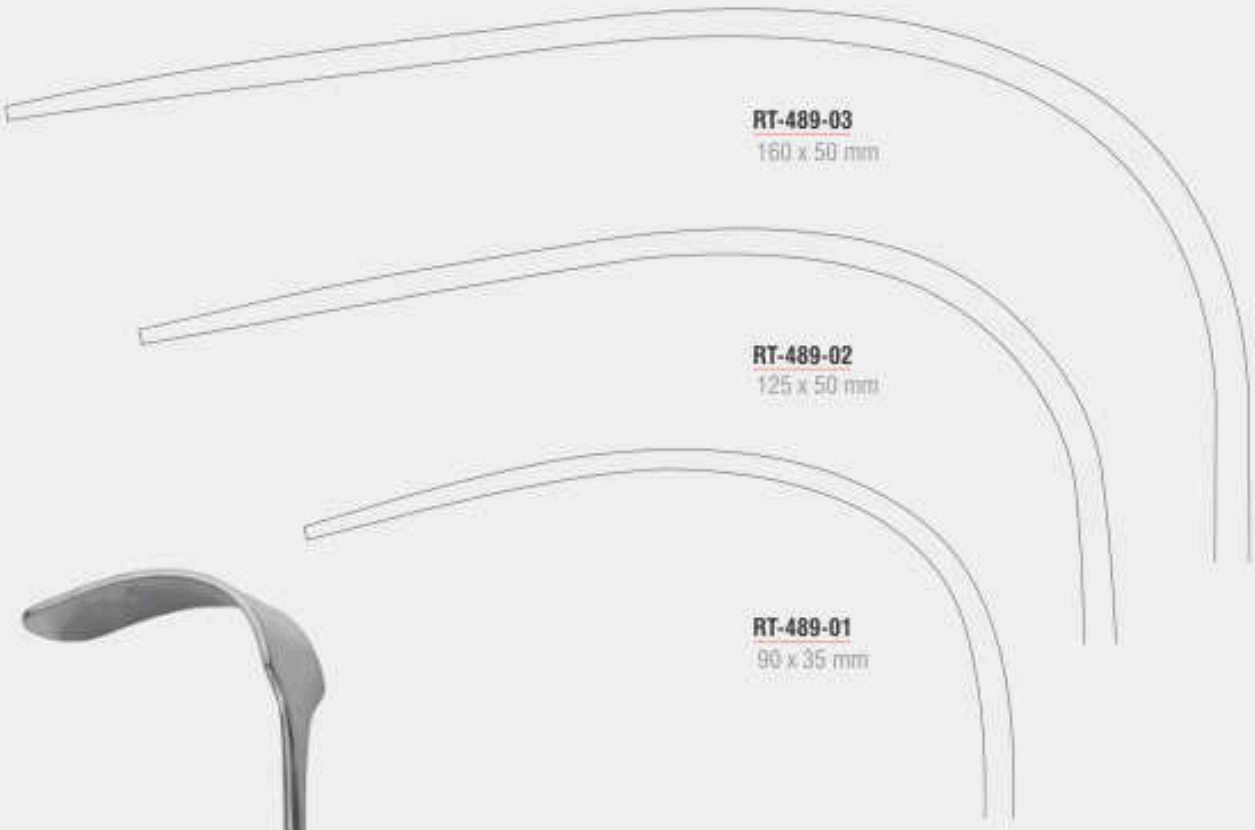


RT-488-01
17 x 21 mm

RT-488-02
16 x 23 mm

Borowski Aortic Valve Retractor
Overall Length 27 cm (10 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-489-03
160 x 50 mm

RT-489-02
125 x 50 mm

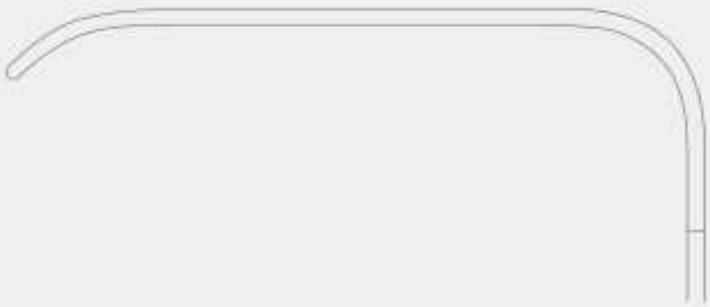
RT-489-01
90 x 35 mm



Mikulicz Liver Retractor
Overall Length 25 cm (9 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori





RT-491-26
Mikulicz Retractor
90 x 55 mm
Overall Length 25 cm (10 ¼")





RT-495-01
205 x 38



RT-495-02
205 x 57

Kelly Retractor
Overall Length 27.5 cm (10 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-511-28
Kummel Abdominal Spatula
45 mm
Overall Length 31 cm (12 ¼")



RT-515-20
20 mm

RT-515-30
30 mm

RT-515-40
40 mm

Kader Abdominal Spatula
Overall Length 28 cm (11")



RT-520-30
30 mm

RT-520-40
40 mm

RT-520-50
50 mm

RT-520-60
60 mm

RT-520-70
70 mm

Abdominal Spatula
Overall Length 41 cm (16")



RT-523-28
Reverdin Abdominal Spatula
63 x 45 mm
Overall Length 28.5 cm (11 ¼")



RT-530-20
20 mm

RT-530-25
25 mm

RT-530-30
30 mm

RT-530-40
40 mm

RT-530-50
50 mm

Abdominal Spatula
Overall Length 33 cm (13")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-534-20
Tuffier Abdominal Spatula
Tapered, 16 x 25 mm
Overall Length 20 cm (8")



Haberer Abdominal Spatula
Tapered

RT-536-01
25 x 30 mm
28 cm (11")

RT-536-02
37 x 45 mm
30 cm (11 ¾")

RT-536-03
40 x 50 mm
30.5 cm (12")



Martin Abdominal Spatula
Malleable, Very Soft
Overall Length 20 cm (8")

RT-540-06
6.5 mm

RT-540-09
9.5 mm

RT-540-13
13 mm

RT-540-16
16 mm

RT-540-19
19 mm

RT-540-25
25 mm



RT-557-14
Roux-Mini Retractor
6 x 7 mm - 7 x 8 mm
Overall Length 14.5 cm (5 ¾")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-559-12
Roux-Baby Retractor
17 x 17 mm - 24 x 21 mm
Overall Length 12.5 cm (5")



RT-561-00
Roux Retractor
Set (Fig. 1,2,3)



RT-561-01
Fig. 1
14 cm (5 ½")
22 x 21 mm - 27 x 29 mm



RT-561-02
Fig. 2
15 cm (6")
25 x 26 mm - 30 x 38 mm



RT-561-03
Fig. 3
17 cm (6 ¾")
28 x 29 mm - 33 x 43 mm

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-563-00
Collin Retractor Set
Fig. 1
17 x 14 mm - 28 x 16 mm
Fig. 2
21 x 14 mm - 32 x 16 mm
Overall Length 15 cm (6")



RT-565-00
Farabeuf Retractor Set
Fig. 1
26 x 10 mm - 30 x 13 mm
Fig. 2
30 x 10 mm - 34 x 13 mm
Overall Length 12 cm (4 ¾")



RT-567-00
Farabeuf Retractor Set
Fig. 1
23 x 16 mm - 26 x 16 mm
Fig. 2
27 x 16 mm - 30 x 16 mm
Overall Length 15 cm (6")





RT-571-01
Fig. 1
19 x 15 mm - 19 x 15 mm
Fig. 2
22 x 15 mm - 22 x 15 mm
13.5 cm (5 ¼")

Parker Retractor Set





RT-571-02
Fig. 1
26 x 25 mm - 27 x 25 mm
Fig. 2
29 x 25 mm - 27 x 25 mm
17.5 cm (7")

Parker Retractor Set





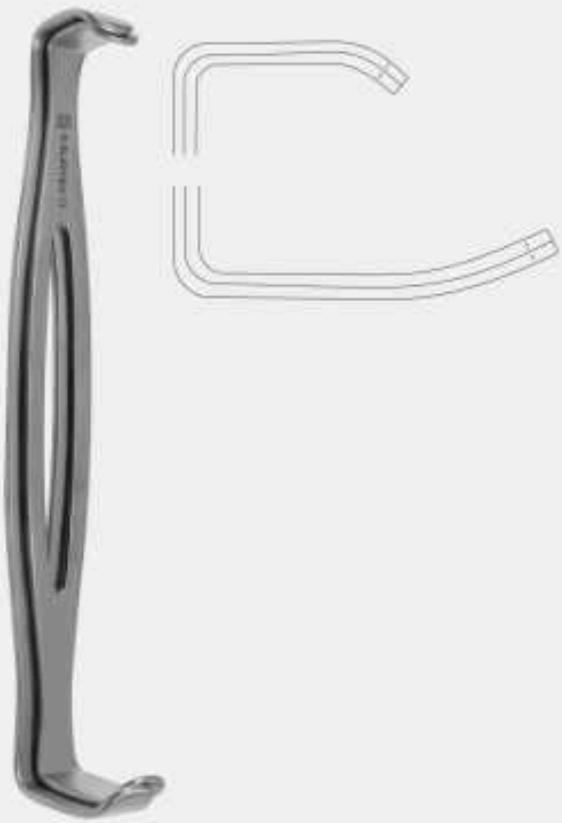
Fig. 1
21 x 24 mm - 68 x 24 mm
Fig. 2
25 x 24 mm - 72 x 24 mm

RT-573-16
Parker-Mott Retractor Set
Overall Length 16 cm (6 ¼")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-577-20
Mathieu Retractor Set
Fig. 1
42 x 13 mm - 42 x 26 mm
Fig. 2
47 x 13 mm - 46 x 26 mm
Overall Length 20 cm (8")



RT-579-21
Parker-Langenbeck (US Army) Retractor
Fig. 1
21 x 15 mm - 40 x 15 mm
Fig. 2
25 x 15 mm - 45 x 15 mm
Overall Length 21.5 cm (8 ½")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-581-16
Hajek Retractor
30 x 18 mm - 25 x 10 mm
Overall Length 16.5 cm (6 ½")



RT-583-01
30 x 13 mm
35 x 19 mm

RT-583-02
30 x 25 mm
35 x 32 mm

Lane Retractor
Overall Length 23 cm (9")



RT-591-17
Czerny Retractor
38 x 22 mm - 38 x 22 mm
Overall Length 17.5 cm (7")

Retractors
Retraktoren
Separadores
Ecarteurs
Divaricatori



RT-593-19
Goelet Retractor
40 x 40 mm - 30 x 30 mm
Overall Length 19 cm (7 ½")



RT-595-01
16 mm
19 cm (7 ½")

RT-595-02
20 mm
19 cm (7 ½")

RT-595-03
25 mm
20 cm (8")

Canny-Ryall Retractor



RT-661-30
Bose Fat Spreader for Coronary Surgery
Overall Length 6 cm (2 ¼")



RT-663-40
4 cm (1 ⅝")

RT-663-55
5.5 cm (2 ¼")

Fat Spreader for Coronary Surgery

Self-Retaining Retractors
Selbsthaltende Retraktoren
Retractores de autorretención
Écarteurs auto-rétentifs
Divaricatori autobloccanti



RT-665-03
3 Toothed Blades
8.5 cm (3 ½")

RT-665-04
4 Toothed Blades
11.5 cm (4 ½")

Spring Wire Retractor





RT-686-20
4 x 4 Sharp Prongs



RT-687-20
4 x 4 Blunt Prongs

Anderson-Adson Self Retaining Retractor
Overall Length 20 cm (8")



RT-689-21
Traverse Self Retaining Retractor
4 x 5 Blunt Prongs
Overall Length 21.5 cm (8 ½")

Self-Retaining Retractors
Selbsthaltende Retraktoren
Retractores de autorretención
Écarteurs auto-rétentifs
Divaricatori autobloccanti



RT-691-22
Norfolk-Norwich Self Retaining Retractor
4 x 5 Blunt Prongs
Overall Length 22 cm (8 ¾")





Weitlaner Self Retaining Retractor
Overall Length 20 cm (8")



RT-696-20
3 x 4 Sharp Prongs



RT-697-20
3 x 4 Blunt Prongs

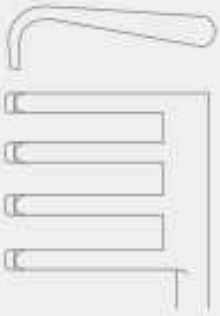
Self-Retaining Retractors
Selbsthaltende Retraktoren
Retractores de autorretención
Écarteurs auto-rétentifs
Divaricatori autobloccanti



Adson Self Retaining Retractor



RT-700-26
3 x 4 Sharp Prongs
26 cm (10 ¼")



RT-701-26
3 x 4 Blunt Prongs
26 cm (10 ¼")



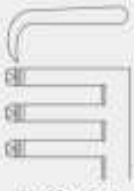
RT-702-26
6 x 6 Sharp Prongs
29 cm (11 ½")



RT-703-26
6 x 6 Blunt Prongs
29 cm (11 ½")



Weitlaner Self Retaining Retractor
Overall Length 11 cm (4 ¼")



RT-710-11
2 x 3 Sharp Prongs



RT-711-11
2 x 3 Blunt Prongs

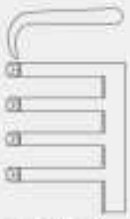
Self-Retaining Retractors
Selbsthaltende Retraktoren
Retractores de autorretención
Écarteurs auto-rétentifs
Divaricatori autobloccanti





RT-712-13
3 x 4 Sharp Prongs
13.5 cm (5 ¼")

RT-712-16
3 x 4 Sharp Prongs
16 cm (6 ¼")



RT-713-13
3 x 4 Blunt Prongs
13.5 cm (5 ¼")

RT-713-16
3 x 4 Blunt Prongs
16 cm (6 ¼")

Weitlaner Self Retaining Retractor

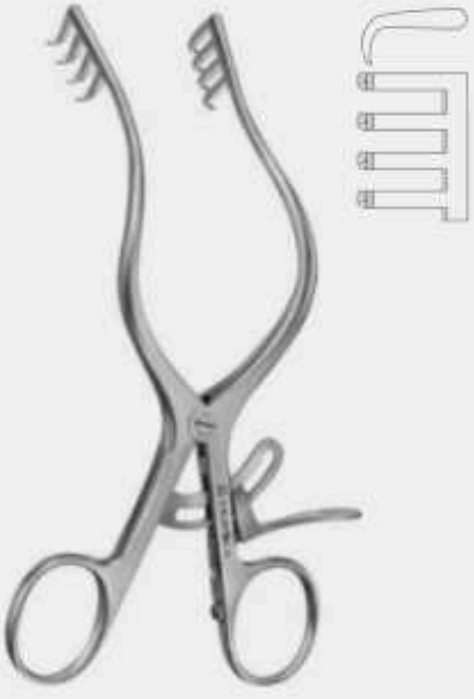
Self-Retaining Retractors
Selbsthaltende Retraktoren
Retractores de autorretención
Écarteurs auto-rétentifs
Divaricatori autobloccanti



RT-725-14
Jefferson Self Retaining Retractor
3 x 4 Blunt Prongs
Overall Length 14 cm (5 ½")

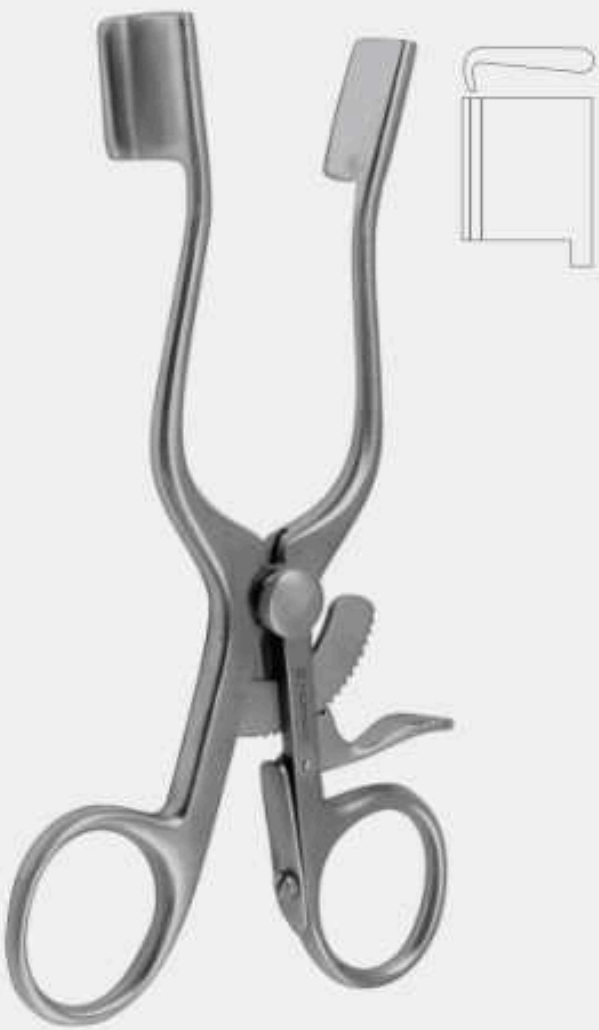


RT-728-14
Mollison Self Retaining Retractor
2 x 2 Sharp Prongs
Overall Length 14 cm (5 ½")



RT-730-15
Mollison Self Retaining Retractor
4 x 4 Blunt Prongs
Overall Length 15.5 cm (6")

Self-Retaining Retractors
Selbsthaltende Retraktoren
Retractores de autorretención
Écarteurs auto-rétentifs
Divaricatori autobloccanti



RT-739-13
Weitlaner-Baby Self Retaining Retractor
Blunt
Overall Length 13.5 cm (5 ¼")

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d' aspirazione



TR-091-20
Adson Suction Tube
12 Charr. Ø 4.0 mm
Overall Length 20 cm (8")



TR-094-24
Frazier Suction Tube
10 Charr. Ø 3.3 mm
Overall Length 24 cm (9 ½")

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d´aspirazione



Frazier Suction Tube
Overall Length 19.5 cm (7 ¾")

TR-101-06
Ø 2.0 mm
6 Charr.

TR-101-07
Ø 2.3 mm
7 Charr.

TR-101-08
Ø 2.6 mm
8 Charr.

TR-101-09
Ø 3.0 mm
9 Charr.

TR-101-10
Ø 3.3 mm
10 Charr.

TR-101-11
Ø 3.6 mm
11 Charr.

TR-101-12
Ø 4.0 mm
12 Charr.

TR-101-14
Ø 4.6 mm
14 Charr.

TR-101-15
Ø 5.0 mm
15 Charr.



Fergusson Suction Tube
Overall Length 18 cm (7")

TR-111-05
Ø 1.7 mm
5 Charr.

TR-111-06
Ø 2.0 mm
6 Charr.

TR-111-07
Ø 2.3 mm
7 Charr.

TR-111-08
Ø 2.6 mm
8 Charr.

TR-111-09
Ø 3.0 mm
9 Charr.

TR-111-10
Ø 3.3 mm
10 Charr.

TR-111-11
Ø 3.6 mm
11 Charr.

TR-111-12
Ø 4.0 mm
12 Charr.

TR-111-15
Ø 5.0 mm
15 Charr.

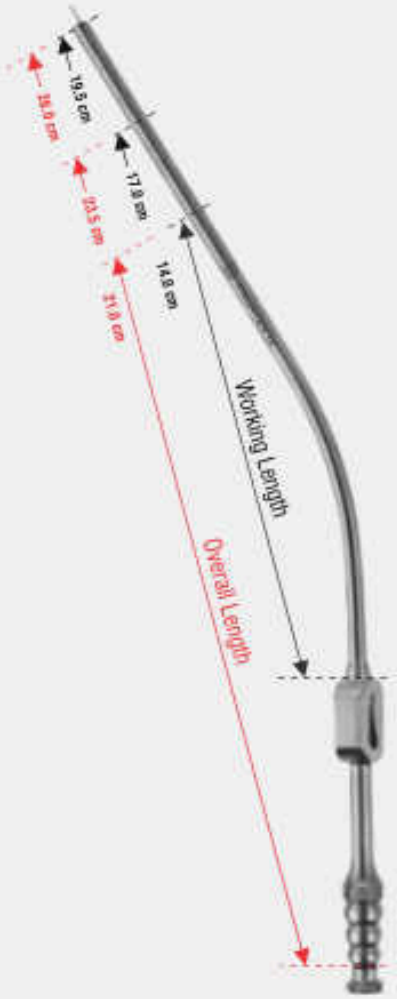
Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d' aspirazione



Working End Size	Overall Length							
	16.5 cm (6 ½")	18 cm (7")	20.5 cm (8")	23 cm (9")	21 cm (8 ¼")	22 cm (8 ¾")	24 cm (9 ½")	26.5 cm (10 ½")
Ø 0.6 mm 2 Fr.	TR-113-02	TR-115-02	TR-117-02	TR-119-02	TR-120-02	TR-122-02	TR-124-02	TR-126-02
Ø 1.0 mm 3 Fr.	TR-113-03	TR-115-03	TR-117-03	TR-119-03	TR-120-03	TR-122-03	TR-124-03	TR-126-03
Ø 1.3 mm 4 Fr.	TR-113-04	TR-115-04	TR-117-04	TR-119-04	TR-120-04	TR-122-04	TR-124-04	TR-126-04
Ø 1.6 mm 5 Fr.	TR-113-05	TR-115-05	TR-117-05	TR-119-05	TR-120-05	TR-122-05	TR-124-05	TR-126-05
Ø 2.0 mm 6 Fr.	TR-113-06	TR-115-06	TR-117-06	TR-119-06	TR-120-06	TR-122-06	TR-124-06	TR-126-06
Ø 2.3 mm 7 Fr.	TR-113-07	TR-115-07	TR-117-07	TR-119-07	TR-120-07	TR-122-07	TR-124-07	TR-126-07
Ø 2.6 mm 8 Fr.	TR-113-08	TR-115-08	TR-117-08	TR-119-08	TR-120-08	TR-122-08	TR-124-08	TR-126-08
Ø 3.0 mm 9 Fr.	TR-113-09	TR-115-09	TR-117-09	TR-119-09	TR-120-09	TR-122-09	TR-124-09	TR-126-09
Ø 3.3 mm 10 Fr.	TR-113-10	TR-115-10	TR-117-10	TR-119-10	TR-120-10	TR-122-10	TR-124-10	TR-126-10
Ø 3.6 mm 11 Fr.	TR-113-11	TR-115-11	TR-117-11	TR-119-11	TR-120-11	TR-122-11	TR-124-11	TR-126-11
Ø 4.0 mm 12 Fr.	TR-113-12	TR-115-12	TR-117-12	TR-119-12	TR-120-12	TR-122-12	TR-124-12	TR-126-12

Fukushima Tear Drop Suction Tube
Straight, Malleable

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d´aspirazione



Fukushima Tear Drop Suction Tube
Angled, Semi Rigid

Working End Size	Overall Length		
	21 cm (8 ¼")	23.5 cm (9 ¼")	26 cm (10 ¼")
Ø 0.6 mm 2 Fr.	**TR-121-02**	**TR-123-02**	**TR-125-02**
Ø 1.0 mm 3 Fr.	**TR-121-03**	**TR-123-03**	**TR-125-03**
Ø 1.3 mm 4 Fr.	**TR-121-04**	**TR-123-04**	**TR-125-04**
Ø 1.6 mm 5 Fr.	**TR-121-05**	**TR-123-05**	**TR-125-05**
Ø 2.0 mm 6 Fr.	**TR-121-06**	**TR-123-06**	**TR-125-06**
Ø 2.3 mm 7 Fr.	**TR-121-07**	**TR-123-07**	**TR-125-07**
Ø 2.6 mm 8 Fr.	**TR-121-08**	**TR-123-08**	**TR-125-08**
Ø 3.0 mm 9 Fr.	**TR-121-09**	**TR-123-09**	**TR-125-09**
Ø 3.3 mm 10 Fr.	**TR-121-10**	**TR-123-10**	**TR-125-10**
Ø 3.6 mm 11 Fr.	**TR-121-11**	**TR-123-11**	**TR-125-11**
Ø 4.0 mm 12 Fr.	**TR-121-12**	**TR-123-12**	**TR-125-12**

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d' aspirazione



TR-135-05
Ø 1.7 mm
5 Charr.

TR-135-06
Ø 2.0 mm
6 Charr.

TR-135-07
Ø 2.3 mm
7 Charr.

TR-135-08
Ø 2.6 mm
8 Charr.

TR-135-09
Ø 3.0 mm
9 Charr.

TR-135-15
Ø 5.0 mm
15 Charr.

Piester Suction Tube
With Grip Plate, Cut off Hole and Stylet
Overall Length 20 cm (8")



TR-245-23
Andrews-Pynchon Suction Tube (Complete)
Ø 2.0 mm
Overall Length 23 cm (9")



TR-247-01
Ø 3.0 mm
21 cm (8 ¼")

TR-247-02
Ø 4.0 mm
22.5 cm (8 ¾")

TR-247-03
Ø 4.0 mm
24.5 cm (9 ½")

Morse-Andrews Suction Tube

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d´aspirazione



TR-251-27
Yankauer Suction Tube (Complete)
Central Bore, 2.0 mm
Overall Length 31 cm (12 ¼")



TR-251-27 FO
Yankauer Suction Tube
(With Fiber Optic Carrier Complete)
Central Bore, 2.0 mm
Overall Length 31 cm (12 ¼")



TR-253-27
Yankauer Suction Tube (Complete)
Central Bore, 4.8 mm
Overall Length 31 cm (12 ¼")

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d' aspirazione



TR-255-00
Yankauer Suction Tube Complete (Detachable)
With Handle, 4 Tube, Suction Tip and Tube Connector
Overall Length 31 cm (21 ¼")



TR-255-01
Yankauer Suction Handle Only
Overall Length 15 cm (6")



TR-255-02
Yankauer Suction Connector Only
Oval Shaped
Overall Length 2.5 cm (1")



TR-255-10
Yankauer Suction Tube
Fig. 0, 2.5 mm
Overall Length 10 cm (4")



TR-255-11
Yankauer Suction Tube
Fig. 1, 3.4 mm
Overall Length 10 cm (4")



TR-255-12
Yankauer Suction Tube
Fig. 2, 4.3 mm
Overall Length 10 cm (4")



TR-255-13
Yankauer Suction Tube
Fig. 3, 6.0 mm
Overall Length 13.5 cm (5 ¼")



TR-255-15
Yankauer Suction Tip

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d´aspirazione



TR-270-22
Poole Suction Tube
Ø 10.0 mm
Overall Length 22 cm (8 ¾")



TR-271-22
Poole Suction Tube
Ø 8.0 mm
Overall Length 22.5 cm (8 ¼")



TR-273-20
Poole-Baby Suction Tube
Ø 5.5 mm
Overall Length 20 cm (8")



TR-281-35
Cooley Suction Tube
Ø 8.0 mm
Overall Length 36 cm (14 ¼")

Suction Tubes
Sauger
Tubos de aspiración
Tubes d'aspiration
Tubi d' aspirazione



TR-283-31
Cooley Suction Tube
Ø 10.0 mm
With Perforated Screw Tip
Overall Length 31 cm (12 ¼")



TR-285-30
Cooley Suction Tube
Ø 7.0 mm
With Perforated Screw Tip
Overall Length 31 cm (12 ¼")



TR-287-33
Cooley Suction Tube
Ø 8.0 mm
With Perforated Screw Tip
Overall Length 36 cm (14 ⅛")



TR-291-27
DeBakey Suction Tube
Ø 9.0 mm
Overall Length 27.5 cm (12 ¼")



TR-293-16
DeBakey Suction Tube
Ø 5.0 mm, Olive Ø 9.0 mm
Overall Length 16 cm (6 ¼")



TR-293-27
DeBakey Suction Tube
Ø 5.0 mm, Olive Ø 9.0 mm
Overall Length 27 cm (10 ¾")

Suction Tubes, Special Needles
Sauger, Spezialkanülen
Tubos de aspiración, Agujas especiales
Tubes d'aspiration, Aiguilles spéciales
Tubi d´aspirazione, Aghi speciali



TR-301-32
Finsterer Suction Tube
Ø 15.0 mm
Overall Length 32 cm (12 ¾")



Hypodermic Needle

TR-400-01
Fig. 1
0.85 x 40 mm

TR-400-02
Fig. 2
0.80 x 35 mm

TR-400-12
Fig. 12
0.70 x 32 mm

TR-400-14
Fig. 14
0.65 x 30 mm

TR-400-16
Fig. 16
0.60 x 25 mm

TR-400-18
Fig. 18
0.50 x 23 mm

TR-400-20
Fig. 20
0.45 x 18 mm



TR-410-00
Pudendus Anaesthesia Needle
Ø 1.0 x 185 mm
Complete With Cannula
Overall Length 18 cm (7")



TR-420-12
Ø 1.2 x 80 mm

TR-420-15
Ø 1.5 x 80 mm

Vein Cannula
Button End, With Tube Connector

Special Needles
Spezialkanülen
Agujas especiales
Aiguilles spéciales
Aghi speciali



TR-464-13
Abrams Pleural Biopsy Needle Set
Ø 4.0 mm
Overall Length 13.5 cm (5 ½")



TR-470-10 Ø 1.0 x 35 mm
TR-470-15 Ø 1.0 x 70 mm
TR-470-20 Ø 1.2 x 70 mm
TR-470-25 Ø 1.2 x 100 mm
TR-470-30 Ø 1.4 x 70 mm
TR-470-35 Ø 1.4 x 100 mm
TR-470-40 Ø 1.6 x 70 mm
TR-470-50 Ø 1.8 x 100 mm

Menghini Liver Puncture Needle
Blind Liver Puncture, With Stopping Needle



TR-472-14 Ø 1.4 x 168 mm
TR-472-18 Ø 1.8 x 168 mm

Menghini Liver Puncture Needle
For Controlled Blind Liver Puncture



TR-500-20
Verres Insufflation Cannula
With Luer Lock Connection
Ø 2.0 x 100 mm



TR-502-20
Verres Insufflation Cannula
With Luer Lock Connection
Ø 2.0 x 120 mm

Vessel Irrigation Cannulas
Gefäß-Spülkanülen
Cánulas para irrigación vascular
Canules pour irrigation vasculaire
Cannule per irrigazione vascolare



TR-520-15
Ø 1.5 mm

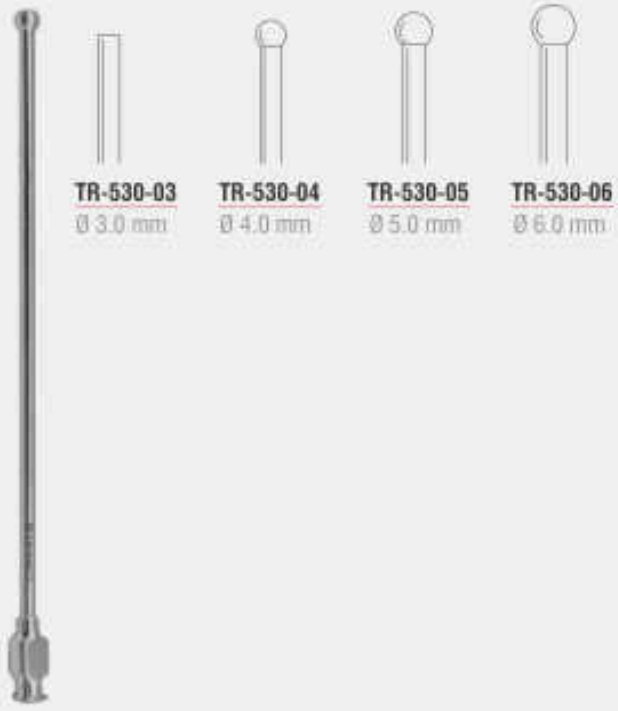
TR-520-20
Ø 2.0 mm

TR-520-25
Ø 2.5 mm

TR-520-30
Ø 3.0 mm

TR-520-40
Ø 4.0 mm

Vollmar Vessel Irrigation Cannula
With Luer Lock Connection
Overall Length 6 cm (2 ¼")



TR-530-03
Ø 3.0 mm

TR-530-04
Ø 4.0 mm

TR-530-05
Ø 5.0 mm

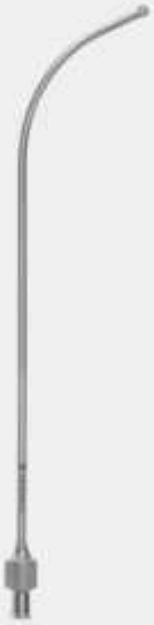
TR-530-06
Ø 6.0 mm

Schmid Vessel Irrigation Cannula
Malleable, With Luer Lock Connection
Overall Length 15 cm (6")



TR-536-30
Abraham Laryngeal Cannula
Malleable, With Luer Lock Connection
Ø 3.0 mm
Overall Length 15 cm (6")

Special Needles, Suction Cannulas
Spezialkanülen, Saugrohre
Agujas especiales, Tubos de aspiración
Aiguilles spéciales, Tubes d'aspiration
Aghi speciali, Tubi d' aspirazione



TR-548-05
DeBakey Heparin Cannula
With Luer Lock Connection
Ø 5.0 mm
Overall Length 16 cm (6 ¼")



TR-550-08
Ø 2.9 mm x 0.8 mm

TR-550-10
Ø 2.9 mm x 1.0 mm

Mock Heparin Flushing Needle
Button End With Luer Lock Connection
Overall Length 6.5 cm (2 ½")



TR-560-01
8 G

TR-560-02
10 G

TR-560-03
12 G

TR-560-04
14 G

TR-560-00
Tibbs Arterial Cannula Set
Set of 4

Guide Needles
Führungsnadeln
Agujas de guía
Aiguilles d'introduction
Aghi conduttori



TR-701-08
2.7 mm - 8 Charr.

TR-701-10
3.3 mm - 10 Charr.

TR-701-12
4.0 mm - 12 Charr.

TR-701-14
4.7 mm - 14 Charr.

TR-701-16
5.3 mm - 16 Charr.

TR-701-18
6 mm - 18 Charr.

Redon Guide Needle
Knife Tip
Overall Length 19.5 cm (7 ¾")



TR-703-08
2.7 mm - 8 Charr.

TR-703-10
3.3 mm - 10 Charr.

TR-703-12
4.0 mm - 12 Charr.

TR-703-14
4.7 mm - 14 Charr.

TR-703-16
5.3 mm - 16 Charr.

TR-703-18
6 mm - 18 Charr.

Redon Guide Needle
Knife Tip
Overall Length 19.5 cm (7 ¾")



TR-705-08
2.7 mm - 8 Charr.

TR-705-10
3.3 mm - 10 Charr.

TR-705-12
4.0 mm - 12 Charr.

TR-705-14
4.7 mm - 14 Charr.

TR-705-16
5.3 mm - 16 Charr.

TR-705-18
6 mm - 18 Charr.

Redon Guide Needle
Lancet Tip
Overall Length 19.5 cm (7 ¾")



TR-707-08
2.7 mm - 8 Charr.

TR-707-10
3.3 mm - 10 Charr.

TR-707-12
4.0 mm - 12 Charr.

TR-707-14
4.7 mm - 14 Charr.

TR-707-16
5.3 mm - 16 Charr.

TR-707-18
6 mm - 18 Charr.

Redon Guide Needle
Trocar Tip
Overall Length 19.5 cm (7 ¾")

Probes
Knopfsonden
Sondas abotonadas
Sondes boutonnées
Sonde a bottone

Overall Length	Ø 1.0 mm	Ø 1.5 mm	Ø 2.0 mm
11.5 cm (4 ½")	PR-010-11		PR-020-11
13 cm (5")	PR-010-13	PR-015-13	PR-020-13
14.5 cm (5 ¾")	PR-010-14	PR-015-14	PR-020-14
16 cm (6 ¼")	PR-010-16	PR-015-16	PR-020-16
18 cm (7")	PR-010-18	PR-015-18	PR-020-18
20 cm (8")	PR-010-20	PR-015-20	PR-020-20
25 cm (9 ¾")		PR-015-25	PR-020-25
30 cm (11 ¾")			PR-020-30

Probe



PR-030-13
Ø 2 mm
13 cm (5")

PR-030-14
Ø 2 mm
14.5 cm (5 ¾")

PR-030-16
Ø 2 mm
16 cm (6 ¼")

Probe
With Eye



PR-040-10
Stacke (Silver) Probe
Ø 1 mm
Overall Length 10 cm (4")



PR-050-10
Cawthrone Probe
Flattened End
Overall Length 14 cm (5 ½")



Myrtle Leaf Probe

PR-070-13
Ø 2 mm
13 cm (5")

PR-070-14
Ø 2 mm
14.5 cm (5 ¾")

PR-070-16
Ø 2 mm
16 cm (6 ¼")

PR-070-18
Ø 2 mm
18 cm (7")

PR-070-20
Ø 2 mm
20 cm (8")

Probes, Grooved Directors
Knopfsonden, Hohlsonden
Sondas abotonadas, Sondas acanaladas
Sondes boutonnées, Sondes cannelées
Sonde a bottone, Sonde cannellate



PR-100-13
13 cm (5")

PR-100-14
14 cm (5 ½")

PR-100-16
16 cm (6 ¼")

PR-100-18
18.5 cm (7")

PR-100-20
20 cm (8")

Butterfly Probe/Grooved Director



PR-120-13
13 cm (5")

PR-120-14
14.5 cm (5 ¾")

PR-120-16
16 cm (6 ¼")

Butterfly Probe/Grooved Director
With Tip



PR-131-14
Doyen Butterfly Probe/Grooved Director
Overall Length 14.5 cm (5 ¾")



PR-141-16
Nelaton Butterfly Probe/Grooved Director
Overall Length 16 cm (6 ¼")



PR-150-20
Brodie Butterfly Probe/Grooved Director
Ø 3.5 mm
Overall Length 20 cm (8")

Probes
Knopfsonden
Sondas abotonadas
Sondes boutonnées
Sonde a bottone



PR-200-00
Bowman Probes Complete
Set of 6 Probes
Overall Length 13 cm (5")



PR-202-00
Fig. 0000/000
Tip Diameter
0.4 mm - 0.5 mm

PR-204-00
Fig. 00/0
Tip Diameter
0.7 mm - 0.8 mm

PR-204-12
Fig. 1/2
Tip Diameter
0.9 mm - 1.1 mm

PR-204-34
Fig. 3/4
Tip Diameter
1.3 mm - 1.4 mm

PR-204-56
Fig. 5/6
Tip Diameter
1.5 mm - 1.6 mm

PR-204-78
Fig. 7/8
Tip Diameter
1.8 mm - 1.9 mm

Bowman Probes
Overall Length 13 cm (5")

Varix Instruments
Varizeninstrumente
Instrumentos para varices
Instruments pour varices
Strumenti per varici



PR-251-01
Lockhart-Mummery
Fistula Probe
Fig. 1
Overall Length 16.5 cm (6 ½")



PR-251-02
Lockhart-Mummery
Fistula Probe
Fig. 2
Overall Length 16.5 cm (6 ½")



PR-251-03
Lockhart-Mummery
Fistula Probe
Fig. 3
Overall Length 16.5 cm (6 ½")



PR-251-04
Lockhart-Mummery
Fistula Probe
Fig. 4
Overall Length 16.5 cm (6 ½")

Varix Instruments
Varizeninstrumente
Instrumentos para varices
Instruments pour varices
Strumenti per varici



Pratt Fistula Probe
Overall Length 21 cm (8 ¼")



PR-261-01
Fig. 1



PR-261-02
Fig. 2



PR-261-03
Fig. 3



PR-300-00
Nabatoff Varicose Vein Probes Complete
Set



PR-300-02



PR-300-03
Ø 3 mm
Olive Shaped



PR-300-06
Ø 6 mm
Olive Shaped



PR-300-09
Ø 9 mm
Olive Shaped



PR-300-12
Ø 12 mm
Olive Shaped

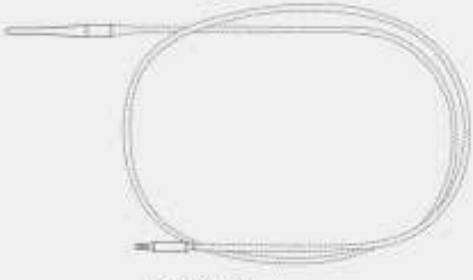


PR-300-15
Ø 15 mm
Olive Shaped

Nabatoff Vein Probe



PR-300-80
Nabatoff T Shaped Handle



PR-300-90
Nabatoff Traction Cable

Ring Strippers
Ringstripper
Fleboextractores
Strippers à anneau
Stripper anello



PR-400-11
Vollmar Handle
Overall Length 11.5 cm (4 ½")



PR-401-02
Ø 2 mm

PR-401-03
Ø 3 mm

PR-401-04
Ø 4 mm

PR-401-06
Ø 6 mm

PR-401-07
Ø 7 mm

PR-401-08
Ø 8 mm

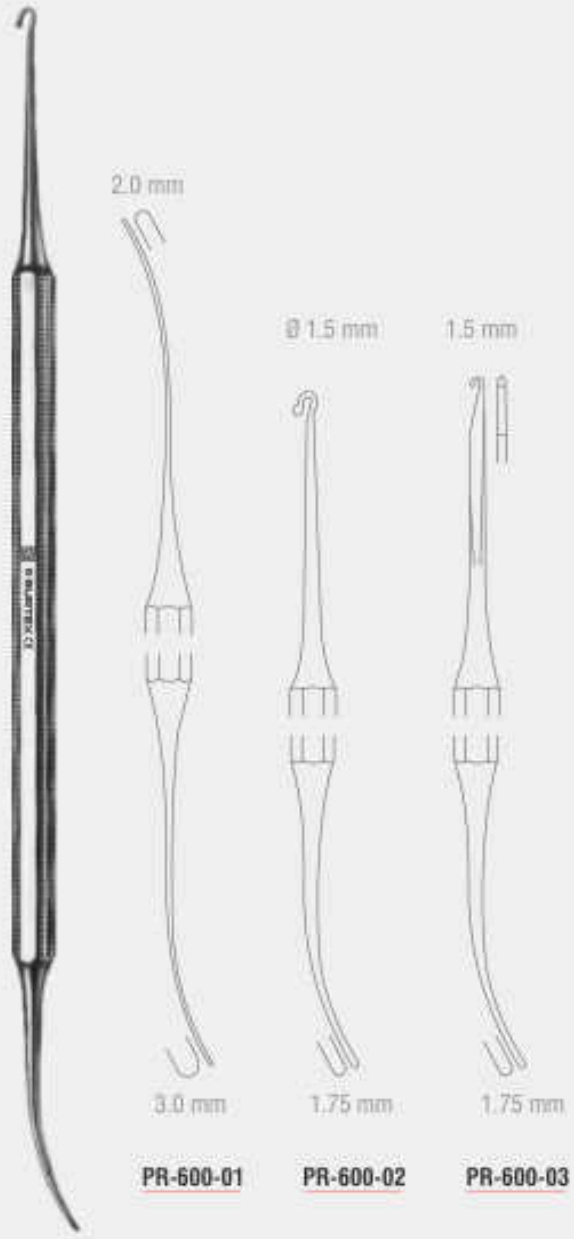
PR-401-10
Ø 10 mm

PR-401-12
Ø 12 mm

PR-401-14
Ø 14 mm

Vollmar Ring Stripper
Overall Length 50 cm (19 ¾")

Varix Instruments
Varizeninstrumente
Instrumentos para varices
Instruments pour varices
Strumenti per varici



PR-600-01 **PR-600-02** **PR-600-03**

Varady Varix Instrument
Phlebodissector
Overall Length 18 cm (7")

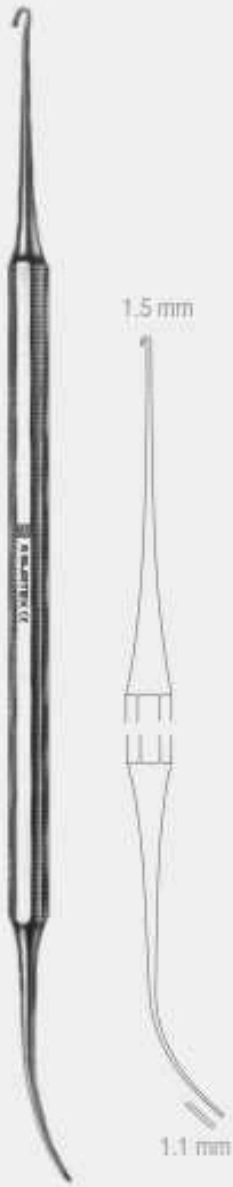
Varix Instruments
Varizeninstrumente
Instrumentos para varices
Instruments pour varices
Strumenti per varici



PR-600-04
Varady Varix Instrument
Micro Spatula
Overall Length 17.5 cm (7")



PR-600-05
Varady Varix Instrument
Micro Phleboextractor
Overall Length 18 cm (7")



PR-600-06
Varady Varix Instrument
Mini Phleboextractor
Overall Length 18 cm (7")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-010-12
Derf Needle Holder
Both Fenestrated Jaw
Overall Length 12 cm (4 ¾")



SU-012-12
Converse Needle Holder
Jaw With Longitudinal Serrations
Overall Length 13 cm (5")



SU-016-12
Collier Needle Holder
Fenestrated Jaws
Overall Length 12.5 cm (5")



SU-020-13
Webster Needle Holder
Smooth Jaws
Overall Length 13 cm (5")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi





SU-024-13 Smooth Jaws
SU-026-13 Serrated Jaws

Halsey Needle Holder
Overall Length 13.5 cm (5 ¼")



SU-029-13
Kilner Needle Holder
Overall Length 13.5 cm (5 ¼")



SU-032-13
Neivert Needle Holder
Smooth Jaws With Special Groove
Overall Length 12.5 cm (5")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-038-14
Hegar-Baumgartner Needle Holder
Overall Length 14.5 cm (5 ¾")



SU-040-13
13 cm (5")

SU-040-18
18 cm (7")

Brown Needle Holder
Heavy Pattern



SU-042-15
Lawrence Needle Holder
Overall Length 15 cm (6")



SU-046-15
Crile-Murray Needle Holder
Slender Pattern
Overall Length 15 cm (6")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-050-15
15 cm (6")



SU-050-18
18 cm (7")



SU-050-20
20 cm (8")

Crile-Wood Needle Holder



SU-052-18
Adson Needle Holder
One Fenestrated Jaw
Overall Length 18 cm (7")



SU-054-18
Metzenbaum Needle Holder
One Grooved and Fenestrated Jaws
Overall Length 18.5 cm (7 ¼")



SU-056-17
M.G. Hospital Needle Holder
Heavy Pattern
Overall Length 17.5 cm (7")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-060-14
14.5 cm (5 ¾")

SU-060-16
16 cm (6 ¼")

SU-060-18
18.5 cm (7 ¼")

SU-060-20
20.5 cm (8")

SU-060-24
24 cm (9 ½")

SU-060-26
26.5 cm (10 ½")

SU-060-30
30.5 cm (12")

Mayo-Hegar Needle Holder

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi





SU-062-16
16 cm (6 ¼")

SU-062-18
18.5 cm (7 ¼")



SU-062-20
20.5 cm (8")

Mayo-Hegar (Delicate) Needle Holder
Slender Pattern



SU-068-18
18 cm (7")



SU-068-26
26 cm (10 ¼")

Sarot Needle Holder

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-070-21
Heaney Needle Holder
Overall Length 20.5 cm (8")



SU-072-23
Jameson Needle Holder
Overall Length 23.5 cm (9 ¼")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-074-27
Masson Needle Holder
Overall Length 26.5 cm (10 ½")



SU-077-26
Masson-Luethy Needle Holder
Overall Length 25.5 cm (10")

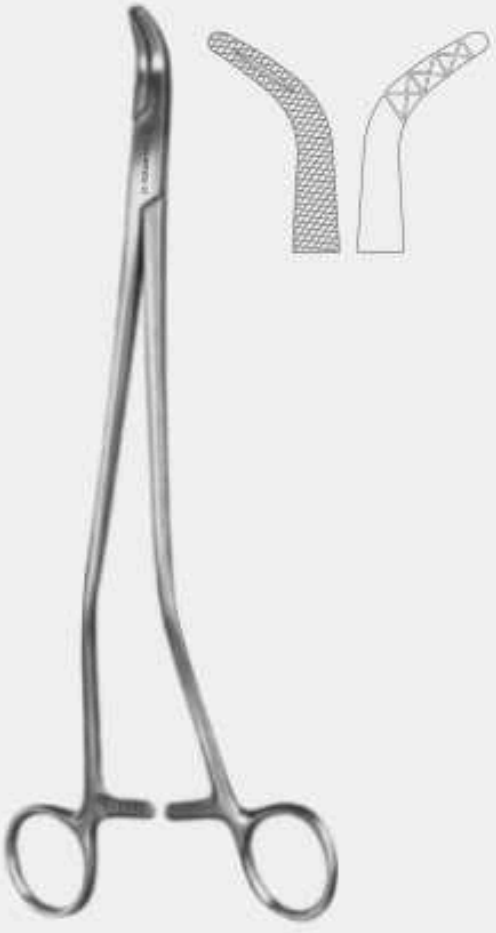
Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-079-27
Finochietto Needle Holder
Overall Length 26.5 cm (10 ½")



SU-082-27
Wangensteen Needle Holder
Overall Length 27 cm (10 ¾")



SU-085-27
Johnson Needle Holder
Overall Length 27 cm (10 ¾")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-087-20
20 cm (8")

SU-087-23
23 cm (9")

Stratte Needle Holder



SU-090-14
14 cm (5 ½")

SU-090-18
18.5 cm (7 ¼")

Olsen-Hegar Needle Holder



SU-094-16
Gillies Needle Holder
Overall Length 16 cm (6 ¼")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex





SU-200-10 M
Straight



SU-201-10 M
Curved

McPherson Micro Needle Holder
Without Lock
Overall Length 10 cm (4")





SU-202-10 M
Straight



SU-203-10 M
Curved

McPherson Micro Needle Holder
With Lock
Overall Length 10 cm (4")





SU-210-14 M
Straight



SU-211-14 M
Curved

Castroviejo Micro Needle Holder
Without Lock, Delicate Pattern
Overall Length 14 cm (5 ½")





SU-212-14 M
Straight



SU-213-14 M
Curved

Castroviejo Micro Needle Holder
With Lock, Delicate Pattern
Overall Length 14 cm (5 ½")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



SU-220-14 M
Straight



SU-221-14 M
Curved



Castroviejo Micro Needle Holder
Without Lock, Standard Pattern
Overall Length 14 cm (5 ½")



SU-222-14 M
Straight



SU-223-14 M
Curved



Castroviejo Micro Needle Holder
With Lock, Standard Pattern
Overall Length 14 cm (5 ½")



SU-230-18 M
Straight



SU-231-18 M
Curved



Jacobson Micro Needle Holder
Without Lock
Overall Length 18 cm (7")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



SU-232-18 M
Straight

SU-233-18 M
Curved

Jacobson Micro Needle Holder
With Lock
Overall Length 18 cm (7")



SU-234-21 M
Straight

SU-235-21 M
Curved

Jacobson Micro Needle Holder
With Lock
Overall Length 21 cm (8 ¼")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi



SU-246-14
Kalt Micro Needle Holder
Straight, With Lock
Overall Length 13.5 cm (5 ¼")



SU-250-14
Straight



SU-251-14
Curved

Arruga Micro Needle Holder
With Lock
Overall Length 13.5 cm (5 ¼")



SU-254-14
Silcock Micro Needle Holder
With Lock
Overall Length 14.5 cm (5 ¾")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



SU-310-10 M
Straight
10 cm (4")

SU-310-11 M
Straight
11.5 cm (4 ½")

SU-311-10 M
Curved
10 cm (4")

SU-311-11 M
Curved
11.5 cm (4 ½")

Barraquer Micro Needle Holder
Without Lock



SU-310-11 MT
Straight

SU-311-11 MT
Curved

Barraquer Micro Needle Holder
Without Lock
Overall Length 11.5 cm (4 ½")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex





SU-312-10 M
Straight
10 cm (4")



SU-312-11 M
Straight
11.5 cm (4 ½")



SU-313-10 M
Curved
10 cm (4")



SU-313-11 M
Curved
11.5 cm (4 ½")

Barraquer Micro Needle Holder
With Lock, Straight





SU-312-11 MT
Straight



SU-313-11 MT
Curved

Barraquer Micro Needle Holder
With Lock
Overall Length 11.5 cm (4 ½")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex





SU-320-13 M
Straight



SU-321-13 M
Curved

Barraquer Micro Needle Holder
Without Lock
Overall Length 13 cm (5")





SU-320-13 MT
Straight



SU-321-13 MT
Curved

Barraquer Micro Needle Holder
Without Lock
Overall Length 13 cm (5")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex





SU-322-13 M
Straight



SU-323-13 M
Curved

Barraquer Micro Needle Holder
With Lock
Overall Length 13 cm (5")





SU-322-13 MT
Straight



SU-323-13 MT
Curved

Barraquer Micro Needle Holder
With Lock
Overall Length 13 cm (5")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



MAGNA

Micro Needle Holder

Without Lock

Overall Length		Suture Size 7/0, Smaller Straight	Suture Size 7/0, Smaller Curved	Suture Size 5/0, Smaller Straight	Suture Size 5/0, Smaller Curved
14 cm - 5 ½"		SU-410-14 M	SU-411-14 M	SU-414-14 M	SU-415-14 M
18 cm - 7"		SU-410-18 M	SU-411-18 M	SU-414-18 M	SU-415-18 M
21 cm - 8 ½"		SU-410-21 M	SU-411-21 M	SU-414-21 M	SU-415-21 M
23 cm - 9"		SU-410-23 M	SU-411-23 M	SU-414-23 M	SU-415-23 M

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



MAGNA

Micro Needle Holder

With Lock

Overall Length		Suture Size 7/0, Smaller Straight	Suture Size 7/0, Smaller Curved	Suture Size 5/0, Smaller Straight	Suture Size 5/0, Smaller Curved
14 cm - 5 ½"		SU-412-14 M	SU-413-14 M	SU-416-14 M	SU-417-14 M
18 cm - 7"		SU-412-18 M	SU-413-18 M	SU-416-18 M	SU-417-18 M
21 cm - 8 ¼"		SU-412-21 M	SU-413-21 M	SU-416-21 M	SU-417-21 M
23 cm - 9"		SU-412-23 M	SU-413-23 M	SU-416-23 M	SU-417-23 M

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



MAGNA

TITANIUM

Micro Needle Holder

With Lock

Overall Length		Suture Size 7/0, Smaller Straight	Suture Size 7/0, Smaller Curved	Suture Size 5/0, Smaller Straight	Suture Size 5/0, Smaller Curved
14 cm - 5 ½"	TC	SU-412-14 MT	SU-413-14 MT	SU-416-14 MT	SU-417-14 MT
18 cm - 7"	TC	SU-412-18 MT	SU-413-18 MT	SU-416-18 MT	SU-417-18 MT
21 cm - 8 ¼"	TC	SU-412-21 MT	SU-413-21 MT	SU-416-21 MT	SU-417-21 MT
23 cm - 9"	TC	SU-412-23 MT	SU-413-23 MT	SU-416-23 MT	SU-417-23 MT

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex™



Micro Needle Holder

MAGNA™

TITANIUM



Micro Needle Holder

Without Lock

Overall Length		Suture Size 7/0, Smaller Straight	Suture Size 7/0, Smaller Curved	Suture Size 5/0, Smaller Straight	Suture Size 5/0, Smaller Curved	Suture Size 2/0, Smaller Straight
14 cm - 5 ½"	R	SU-426-14 M	SU-427-14 M	SU-430-14 M	SU-431-14 M	
	Ti	SU-426-14 MT	SU-427-14 MT	SU-430-14 MT	SU-431-14 MT	
18 cm - 7"	R	SU-426-18 M	SU-427-18 M	SU-430-18 M	SU-431-18 M	
	Ti	SU-426-18 MT	SU-427-18 MT	SU-430-18 MT	SU-431-18 MT	
19 cm - 7 ½"	R					SU-440-19 M
	Ti					SU-440-19 MT
21 cm - 8 ¼"	R	SU-426-21 M	SU-427-21 M	SU-430-21 M	SU-431-21 M	
	Ti	SU-426-21 MT	SU-427-21 MT	SU-430-21 MT	SU-431-21 MT	
23 cm - 9"	R	SU-426-23 M	SU-427-23 M	SU-430-23 M	SU-431-23 M	SU-440-23 M
	Ti	SU-426-23 MT	SU-427-23 MT	SU-430-23 MT	SU-431-23 MT	SU-440-23 MT
25 cm - 10"	R					SU-440-25 M
	Ti					SU-440-25 MT

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi

infinex



Micro Needle Holder

MAGNA

TITANIUM



Micro Needle Holder

With Lock

Overall Length		Suture Size 7/0, Smaller Straight	Suture Size 7/0, Smaller Curved	Suture Size 5/0, Smaller Straight	Suture Size 5/0, Smaller Curved	Suture Size 2/0, Smaller Straight	Suture Size 2/0, Smaller Curved
14 cm - 5 ½"	M	SU-428-14 M	SU-429-14 M	SU-432-14 M	SU-433-14 M		
	MT	SU-428-14 MT	SU-429-14 MT	SU-432-14 MT	SU-433-14 MT		
18 cm - 7"	M	SU-428-18 M	SU-429-18 M	SU-432-18 M	SU-433-18 M		
	MT	SU-428-18 MT	SU-429-18 MT	SU-432-18 MT	SU-433-18 MT		
19 cm - 7 ½"	M					SU-442-19 M	SU-443-19 M
	MT					SU-442-19 MT	SU-443-19 MT
21 cm - 8 ¼"	M	SU-428-21 M	SU-429-21 M	SU-432-21 M	SU-433-21 M		
	MT	SU-428-21 MT	SU-429-21 MT	SU-432-21 MT	SU-433-21 MT		
23 cm - 9"	M	SU-428-23 M	SU-429-23 M	SU-432-23 M	SU-433-23 M	SU-442-23 M	SU-443-23 M
	MT	SU-428-23 MT	SU-429-23 MT	SU-432-23 MT	SU-433-23 MT	SU-442-23 MT	SU-443-23 MT
25 cm - 10"	M			SU-432-25 M	SU-433-25 M	SU-442-25 M	SU-443-25 M
	MT			SU-432-25 MT	SU-433-25 MT	SU-442-25 MT	SU-443-25 MT
30 cm - 12"	M					SU-442-30 M	SU-443-30 M
	MT					SU-442-30 MT	SU-443-30 MT

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



DeBakey Needle Holder
Suture Size 7/0, Smaller



SU-460-15 M
15 cm (6")



SU-460-18 M
18 cm (7")



SU-460-20 M
20 cm (8")



SU-460-23 M
23 cm (9")

MAGNA



Ryder-Vascular Needle Holder



SU-470-13 M
13 cm (5")



SU-470-16 M
16 cm (6 ¼")



SU-470-18 M
18 cm (7")



SU-470-20 M
20 cm (8 ")



SU-470-23 M
23 cm (9")

MAGNA

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex



SU-500-13 M
Straight

SU-501-13 M
Curved

Barraquer Micro Needle Holder
Suture Size 6/0, Smaller
With TC Inserts & Without Lock
Overall Length 13 cm (5")



SU-502-13 M
Straight

SU-503-13 M
Curved

Barraquer Micro Needle Holder
Suture Size 6/0, Smaller
With TC Inserts & Lock
Overall Length 13 cm (5")



SU-510-14 M
Straight

SU-511-14 M
Curved

SU-512-14 M
Straight
Smooth Jaws

SU-513-14 M
Curved
Smooth Jaws

Castroviejo Micro Needle Holder
Suture Size 5/0, Smaller
With TC Inserts & Lock
Overall Length 14 cm (5 ½ ")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi

infinex™



SU-520-18 M
Straight



SU-521-18 M
Curved



Micro Needle Holder
Suture Size 5/0, Smaller
With TC Inserts & Lock
Overall Length 18 (7")



SU-530-21 M
Straight



SU-531-21 M
Curved



Micro Needle Holder
Suture Size 5/0, Smaller
With TC Inserts & Lock
Overall Length 21.5 cm (8 ½")



SU-536-14 M
14 cm - 5 ½"



SU-536-18 M
18 cm (7")



SU-536-21 M
21 cm (8 ¼")

Micro Needle Holder
Suture Size 6/0, Smaller
Straight, With TC Inserts & Lock

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro porte-aiguilles
Micro Portaghi



SU-550-16
16 cm (6 ¼")

SU-550-18
18 cm (7")

SU-550-20
20 cm (8")

SU-550-23
23 cm (9")

SU-550-26
26 cm (10 ½")

UltraGrip™ TC Diethrich Micro Needle Holder

ULTRA GRIP

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-573-13
UltraGrip™ TC Kilner Needle Holder
S Shaped
Overall Length 13 cm (5")



SU-576-12
UltraGrip™ TC Derf Needle Holder
Overall Length 12 cm (4 ¾")

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-580-13
13 cm (5")

SU-580-14
14.5 cm (5 ¾")

ULTRA GRIP

UltraGrip™ TC Hegar-Baumgartner Needle Holder



SU-584-13
13 cm (5")
Smooth Jaws

SU-586-13
13 cm (5")

ULTRA GRIP

UltraGrip™ TC Halsey Needle Holder

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-588-12
UltraGrip™ TC Webster Needle Holder
Smooth Jaw
Overall Length 13 cm (5")

ULTRA GRIP



SU-590-12
UltraGrip™ TC Converse Needle Holder
Overall Length 12.5 cm (5")

ULTRA GRIP

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-594-15
15 cm (6")



SU-594-18
18 cm (7")



SU-594-20
20 cm (8")

UltraGrip™ TC Crile-Wood Needle Holder

ULTRA GRIP





SU-598-18
18 cm (7")



SU-598-20
20 cm (8")



SU-598-26
26 cm (10 ¼")

UltraGrip™ TC Sarot Needle Holder

ULTRA GRIP



Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-600-14
14.5 cm (5 ¼")



SU-600-16
16 cm (6 ¼")



SU-600-18
18 cm (7")



SU-600-20
20 cm (8")



SU-600-24
24 cm (9 ½")



SU-600-26
26 cm (10 ¼")



SU-600-30
30 cm (11 ¾")

UltraGrip™ TC Mayo-Hegar Needle Holder

ULTRA GRIP





SU-602-20
20 cm (8")

SU-602-24
23.5 cm (9 ¼")



UltraGrip™ TC Hegar Needle Holder

ULTRA GRIP



Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-605-20
20 cm (8")



SU-605-24
24 cm (9 ½")



SU-605-26
26 cm (10 ¼")

UltraGrip™ TC Heaney Needle Holder

ULTRA GRIP





SU-611-20
20.5 cm (8")



SU-611-24
24 cm (9 ½")



SU-611-26
26.5 cm (10 ½")



SU-611-28
29 cm (11 ½")



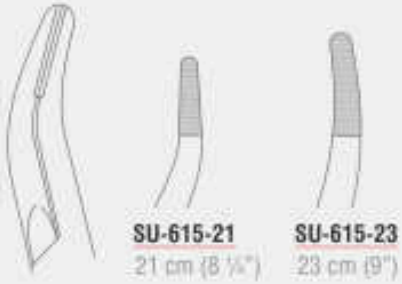
UltraGrip™ TC Bozeman Needle Holder
"S" Shaped

ULTRA GRIP



Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi





SU-615-21
21 cm (8 ¼")

SU-615-23
23 cm (9")

UltraGrip™ TC Stratte Needle Holder

ULTRA GRIP



SU-620-27
UltraGrip™ TC Masson Needle Holder
Overall Length 26.5 cm (10 ½")

ULTRA GRIP

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-624-27
UltraGrip™ TC Wangensteen Needle Holder
Overall Length 27 cm (10 ¾")

ULTRA GRIP





SU-625-27
UltraGrip™ TC Needle Holder
Overall Length 27 cm (10 ¾")

ULTRA GRIP





SU-627-27
UltraGrip™ TC Finochietto Needle Holder
Overall Length 26.5 cm (10 ½")

ULTRA GRIP



Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-630-26
UltraGrip™ TC Naunton-Morgan Needle Holder
Compound Action
Overall Length 26 cm (10 ¼")

ULTRA GRIP



SU-650-18
18 cm (7")



SU-650-20
20 cm (8")



SU-650-23
23 cm (9")

SU-650-26
26 cm (10 ¼")



SU-650-31
31 cm (12 ¼")

UltraGrip™ TC DeBakey Needle Holder

ULTRA GRIP



SU-660-13
12.5 cm (5")



SU-660-15
15 cm (6")



SU-660-18
18 cm (7")

SU-660-20
20 cm (8")



SU-660-23
23 cm (9")



SU-660-26
26 cm (10 ¼")

ULTRA GRIP X



UltraGrip™ TC Ryder Needle Holder



SU-664-13
12.5 cm (5")



SU-664-15
15 cm (6")



SU-664-18
18 cm (7")

SU-664-20
20 cm (8")



SU-664-23
22.5 cm (8 ¾")



SU-664-26
26 cm (10 ¼")

ULTRA GRIP X



UltraGrip™ TC Ryder-Vascular Needle Holder

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-674-14
14 cm (5 ½")



SU-674-18
18.5 cm (7 ¼")



SU-674-20
20.5 cm (8")



SU-674-23
23 cm (9")

ULTRA GRIPX



UltraGrip™ TC Hegar-Vascular Needle Holder



SU-678-14
14 cm (5 ½")



SU-678-18
18 cm (7")



SU-678-20
20 cm (8")



SU-678-23
23 cm (9")

ULTRA GRIPX



UltraGrip™ TC Micro Vascular Needle Holder

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-680-14
Smooth Jaws
14 cm (5 ½")

SU-680-16
Smooth Jaws
16 cm (6 ¼")

SU-680-18
Smooth Jaws
18 cm (7")

SU-680-20
Smooth Jaws
20 cm (8")

SU-682-14
14 cm (5 ½")

SU-682-16
16 cm (6 ¼")

SU-682-18
18 cm (7")

SU-682-20
20 cm (8")

UltraGrip™ TC Martini Needle Holder

ULTRA GRIP

Needle Holders
Nadelhalter
Porta-agujas
Porte-aiguilles
Portaghi



SU-690-14
14.5 cm (5 ¾")



SU-690-17
17 cm (6 ¾")



SU-690-18
19 cm (7 ½")

ULTRA GRIP

UltraGrip™ TC Olsen-Hegar Needle Holder



SU-693-11
UltraGrip™ TC Foster-Gillies Needle Holder
Smooth Jaws
Overall Length 11 cm (4 ¼")

ULTRA GRIP



SU-695-15
UltraGrip™ TC Gillies-Mini Needle Holder
Overall Length 15 cm (6")

ULTRA GRIP



SU-697-16
UltraGrip™ TC Gillies Needle Holder
Overall Length 16 cm (6 ¼")

ULTRA GRIP

Ligature Clip Applier
Ligatur Clip Anlegezangen
Aplicador de clips para ligadura
Applicateur de pince à ligature
Applicatore di clip per legature



Ligature Clip Applier



SU-751-25
Angled 25°
15 cm (6")

SU-753-25
Angled 25°
20 cm (8")

SU-753-65
Angled 65°
20 cm (8")

SU-755-25
Angled 25°
28 cm (11")

SU-755-65
Angled 65°
28 cm (11")

For Small Clips



Ligature Clip Applier



SU-761-25
Angled 25°
15 cm (6")

SU-763-25
Angled 25°
20 cm (8")

SU-763-65
Angled 65°
20 cm (8")

SU-765-25
Angled 25°
28 cm (11")

SU-765-65
Angled 65°
28 cm (11")

For Medium Clips

Ligature Clip Applier
Ligatur Clip Anlegezangen
Aplicador de clips para ligadura
Applicateur de pince à ligature
Applicatore di clip per legature



Ligature Clip Applier



SU-773-25
Angled 25°
20 cm (8")



SU-773-65
Angled 65°
20 cm (8")



SU-773-90
Angled 90°
20 cm (8")



SU-775-25
Angled 25°
28 cm (11")



SU-775-65
Angled 65°
28 cm (11")



SU-775-90
Angled 90°
28 cm (11")

For Medium/Large Clips

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



Ligature Clip Applier



SU-783-25
Angled 25°
20 cm (8")



SU-783-65
Angled 65°
20 cm (8")



SU-783-90
Angled 90°
20 cm (8")



SU-785-25
Angled 25°
28 cm (11")



SU-785-65
Angled 65°
28 cm (11")



SU-785-90
Angled 90°
28 cm (11")

For Large Clips

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura





SU-831-01
Fig. 1



SU-831-02
Fig. 2



SU-831-03
Fig. 3

SU-831-00
Young Ligature Needle Holder Complete
With Needle Ref: SU-831-01
Overall Length 24.5 cm (9 ¾")



SU-835-32
Schmieden-Dick Ligature Needle
Malleable
Overall Length 29 cm (11 ½")



SU-837-21
Schmieden Ligature Needle
Overall Length 24 cm (9 ½")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



SU-841-20
Ligature Needle
Malleable
Overall Length 20.5 cm (8")



SU-843-18
Jonesco Ligature Needle
Overall Length 18.5 cm (7 ¼")

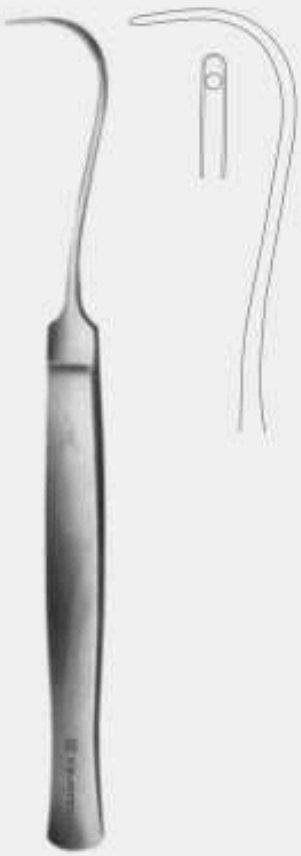


SU-845-25
Claus Van Eicken Ligature Needle
Overall Length 25 cm (9 ¾")



SU-849-15
Ligature Needle
Overall Length 15 cm (6")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



SU-851-17
Syme Ligature Needle
Overall Length 17 cm (6 ¾")



SU-853-19
Cooper Ligature Needle
Overall Length 18.5 cm (7 ¼")



SU-855-20
Kocher Ligature Needle
Overall Length 20.5 cm (8")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



SU-861-13
Right Hand

SU-863-13
Left Hand



SU-871-24
Right Hand



SU-873-24
Left Hand



Kronecker Ligature Needle
Delicate
Overall Length 12.5 cm (5")



Deschamps Ligature Needle
Blunt
Overall Length 24 cm (9 ½")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



SU-875-20
Right Hand



SU-877-20
Left Hand

Deschamps Ligature Needle
Blunt
Overall Length 20 cm (8")



SU-879-20
Right Hand



SU-881-20
Left Hand

Deschamps Ligature Needle
Sharp
Overall Length 20 cm (8")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura





SU-883-21
Right Hand



SU-885-21
Left Hand

Deschamps Ligature Needle
Blunt
Overall Length 20 cm (8")





SU-887-20
Right Hand



SU-889-20
Left Hand

Deschamps Ligature Needle
Sharp
Overall Length 20 cm (8")





SU-891-21
Right Hand



SU-893-21
Left Hand

Deschamps Ligature Needle
Sharp
Overall Length 20 cm (8")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



Deschamps Ligature Needle
Overall Length 27 cm (10 ¾")



SU-895-27
Blunt, Right Hand



SU-897-27
Blunt, Left Hand



SU-901-27
Sharp, Right Hand

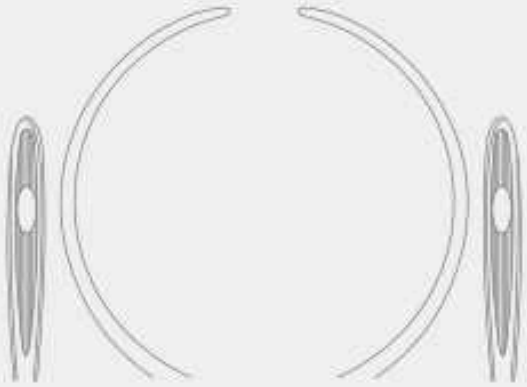


SU-903-27
Sharp, Left Hand

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



Deschamps Ligature Needle
Blunt
Overall Length 28 cm (11")



SU-905-28
Right Hand

SU-907-28
Left Hand

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



SU-911-20
Right Hand

SU-913-20
Left Hand

Deschamps Ligature Needle
Sharp
Overall Length 20 cm (8")





SU-915-20
Right Hand



SU-917-20
Left Hand

Deschamps Ligature Needle
Blunt
Overall Length 20 cm (8")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura





SU-921-20
Right Hand



SU-923-20
Left Hand

Deschamps Ligature Needle
Blunt
Overall Length 21 cm (8 ¼")





SU-927-21
Right Hand



SU-929-21
Left Hand

Hurd Ligature Needle
Sharp
Overall Length 20.5 cm (8")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



Brunner Ligature Needle
Overall Length 30 cm (11 ¾")



SU-931-01
Fig. 1



SU-931-02
Fig. 2



SU-931-03
Fig. 3



SU-931-04
Fig. 4

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura



SU-935-25
Kirschner Ligature Needle
Overall Length 25.5 cm (10")



SU-937-28
Ligature Needle
Overall Length 28 cm (11")



SU-939-25
Martin Ligature Needle
Overall Length 19.5 cm (7 ¾")

Ligature Needles
Unterbindungsnadeln
Agujas para ligaduras
Aiguilles à ligatures
Aghi per legatura

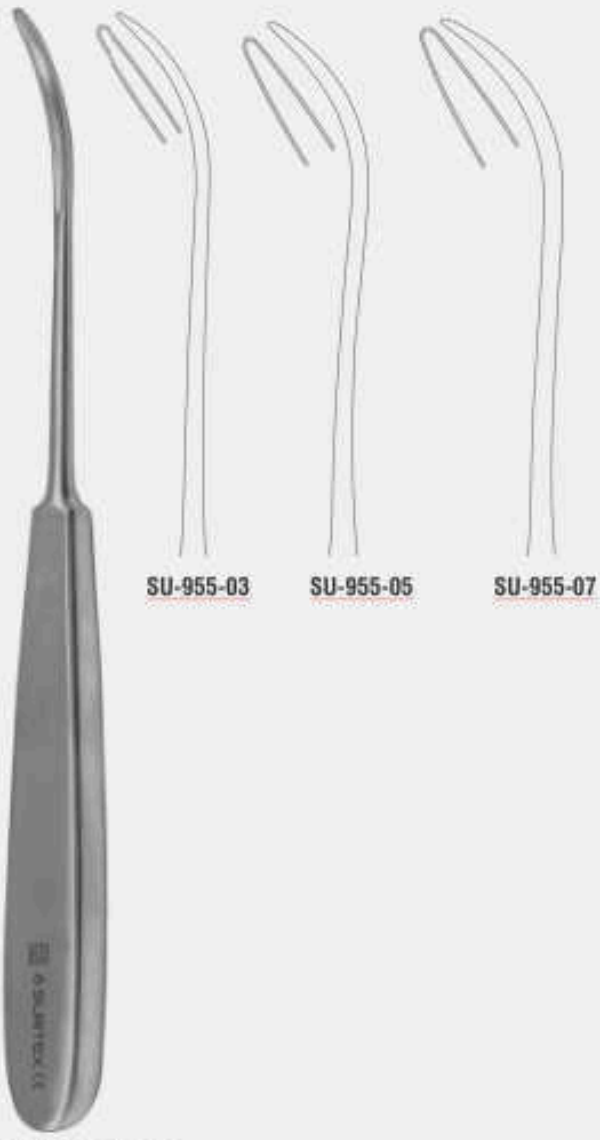




Without Eye



With Eye



SU-955-03 **SU-955-05** **SU-955-07**

SU-951-19
Schmieden Ligature Needle
Overall Length 18 cm (7")

SU-953-19
Schmieden-Payr Ligature Needle
Overall Length 18 cm (7")

Koenig Ligature Needle
Overall Length 19.5 cm (7 ¾")

Ligature Needles, Ligature Conductors
Unterbindungsnadeln, Führungshohlsonden
Agujas para ligaduras, Sondas conductoras
Aiguilles à ligatures, Sondes conductrices
Aghi per legatura, Sonde conduttrici



SU-957-22 SU-959-22

Payr Ligature Needle
Overall Length 22 cm (8 ¼")



SU-961-23
Mod. Wien Ligature Catcher
Overall Length 23.5 cm (9 ¼")



SU-963-21
Bozemann Knot Tier
Overall Length 21 cm (8 ¼")

Ligature Adjusters
Blattreinsteller
Ajustadores de ligadura
Ajusteurs de ligature
Aggiustatori di legature



SU-965-23
Ligature Adjuster
Overall Length 23 cm (9")

SU-967-23
Caspar Ligature Adjuster
Bayonet Shaped
Overall Length 23 cm (9")



SU-969-24
Millin Ligature Holding Forcep
Overall Length 24 cm (9 ½")

Clip Applying Forceps
Wundklammerpinzetten
Pinzas aplicadoras para agrafes
Pinces à poser les agrafes
Pinze per applicare le agrafe



SU-980-18
Childe Approximation Forcep
Heavy Pattern With Clip Holder
Overall Length 17.5 cm (7")



SU-984-12
Michel Clip Applying Forcep
Overall Length 12 cm (4 ¾")



SU-986-12
Hegenbarth Clip Applying Forcep
Overall Length 12 cm (4 ¾")

Clip Applying & Removing Forceps
Clip-Anlege- und Entfernungspinzette
Pinza para aplicar y quitar pinzas
Pince à appliquer et à retirer les pinces
Clip per applicare e rimuovere la pinza



SU-988-12
Wachenfeldt Clip Applying Forcep
Overall Length 12 cm (4 ¾")



SU-990-12
Michel Clip Applying & Removing Forcep
For Applying and Removal of Clips
Overall Length 12.5 cm (5")



SU-992-12
Michel Clip Applying & Removing Forcep
Long Jaws For Applying and Removal of Clips
Overall Length 13 cm (5")

Clip Removing Forceps
Clip-Entfernungszange
Pinzas para quitar clips
Pince à retirer les clips
Pinza per rimozione clip



SU-994-13
Collin Clip Removing Forcep
With Screw Lock
Overall Length 13 cm (5")

Clip Removing Forceps
Clip-Entfernungszange
Pinzas para quitar clips
Pince à retirer les clips
Pinza per rimozione clip



SU-997-14
Richter Clip Removing Forcep
With Screw Lock
Overall Length 13.5 cm (5 ¼")



SU-999-01
7.5 x 1.75 mm

SU-999-02
11 x 2.0 mm

SU-999-03
12 x 3.0 mm

SU-999-04
14 x 3.0 mm

SU-999-05
16 x 3.0 mm

SU-999-06
18 x 3.0 mm

SU-999-07
20 x 3.0 mm

SU-999-08
22 x 3.0 mm

Michel Suture Clips
Pack of 100

Wire Tightener
Drahtspanner
Tensor cierra-hilo
Tendeur serre-fil
Strumento tendifili



OR-104-21
Loute Wire Tightener
Overall Length 21 cm (8 ¼")



OR-106-27
Demel Wire Tightener and Twister
Overall Length 27 cm (10 ¾")

Wire Twisting Forceps
Drahtzwirbelzangen
Pinzas para torcer alambre
Pinces à torsader le fil
Pinze per ritorcere fili



OR-170-15
15.5 cm (6")



OR-170-18
18 cm (7")



OR-172-15
15.5 cm (6")



OR-172-18
18 cm (7")



OR-174-15
15.5 cm (6")



OR-174-20
20 cm (8")



UltraGrip™ TC Wire Twisting Forcep

ULTRA GRIP



OR-176-20
UltraGrip™ TC Baumgartner Wire Twisting Forcep
Overall Length 20 cm (8")

ULTRA GRIP



OR-177-15
UltraGrip™ TC Wire Twisting Forcep
Overall Length 14.5 cm (5 ¾")

ULTRA GRIP

Wire Twisting Forceps
Drahtzwirbelzangen
Pinzas para torcer alambre
Pinces à torsader le fil
Pinze per ritorcere fili



OR-180-16
UltraGrip™ TC Corwin Wire Twisting Forcep
Overall Length 16 cm (6 ¼")

ULTRA GRIP



OR-182-18
UltraGrip™ TC Combi Wire Twisting Forcep
Overall Length 18.5 cm (7 ¼")

ULTRA GRIP

Wire Twisting Forceps
Drahtzwirbelzangen
Pinzas para torcer alambre
Pinces à torsader le fil
Pinze per ritorcere fili



OR-184-19
UltraGrip™ TC Berry Wire Twisting Forcep
Heavy Pattern, With Tungsten Carbide Inserts
Overall Length 19 cm (7 ½")

ULTRA GRIP





OR-186-01 OR-186-02 OR-186-03

UltraGrip™ Combi-Flat Nose Plier
Parallel Grip, Compound Action
Overall Length 18 cm (8")

ULTRA GRIP

Flat Nose Pliers
Flachzangen
Alicates de pico plano
Pinces plates
Tenaglie piatte



OR-190-14
Flat Nose Plier
Overall Length 13.5 cm (5 ¼")



OR-192-14
Marburg Modell Nose Plier
Overall Length 14 cm (5 ½")



OR-194-14
Goslee Nose Plier
Overall Length 14 cm (5 ½")



Flat Nose Plier



OR-196-17
17.5 cm (7")



OR-198-17
With Crosswise Groove
17 cm (6 ¾")



OR-200-19
Flat Nose Plier
Pointed
Overall Length 19.5 cm (7 ¾")

Flat Nose Pliers
Flachzangen
Alicates de pico plano
Pinces plates
Tenaglie piatte



OR-202-16
Hackstock Flat Nose Plier
With Longitudinal Groove
Overall Length 16 cm (6 ¼")



OR-204-15
Combi-Flat Nose Plier
For Bending and Cutting
Overall Length 15 cm (6")



OR-210-17
Flat Nose Plier
Parallel Grip
Overall Length 18.5 cm (7 ¼")



OR-212-18
Vise Grip Plier
Overall Length 20.5 cm (8")

Flat Nose Pliers
Flachzangen
Alicates de pico plano
Pinces plates
Tenaglie piatte





OR-214-01 OR-214-02 OR-214-03

Combi-Flat Nose Plier
Parallel Grip, Compound Action
Overall Length 18 cm (7")



OR-214-04
Flat Nose Plier
Overall Length 18 cm (7")

Wire Cutting Pliers
Drahtkneifzangen
Alicates para cortar alambre
Pinces à couper le fil
Tenaglie tagliafili



OR-220-18
Wire Cutting Plier
For Soft Wires Up to Ø 2.4 mm
For Hard Wires Up to Ø 1.8 mm
Overall Length 18.5 cm (7 ¼")



OR-222-16
Wire Cutting Plier
For Soft Wires Up to Ø 2.2 mm
For Hard Wires Up to Ø 2.0 mm
Overall Length 16 cm (6 ¼")

Wire Cutting Pliers
Drahtkneifzangen
Alicates para cortar alambre
Pinces à couper le fil
Tenaglie tagliafili



OR-230-13
UltraCut™ TC Wire Cutting Plier
For Soft Wires Up to Ø 1.5 mm
For Hard Wires Up to Ø 1.0 mm
Overall Length 13 cm (5 ¼")

ULTRACut



OR-232-16
UltraCut™ TC Wire Cutting Plier
For Soft Wires Up to Ø 3.5 mm
For Hard Wires Up to Ø 2.5 mm
Overall Length 16.5 cm (6 ½")

ULTRACut

Wire Cutting Pliers
Drahtlöwelfzangen
Alicates para cortar alambre
Pinces à couper le fil
Tenaglie tagliafili



OR-234-18
For Soft Wires Up to Ø 2.0 mm
For Hard Wires Up to Ø 1.7 mm
17.5 cm (7")



OR-234-22
For Soft Wires Up to Ø 2.8 mm
For Hard Wires Up to Ø 2.2 mm
22.5 cm (8 ¾")

UltraCut™ TC Wire Cutting Plier

ULTRA Cut



OR-236-23
UltraCut™ TC Wire Cutting Plier
For Soft Wires Up to Ø 3.0 mm, For Hard Wires Up to Ø 2.2 mm
Overall Length 23 cm (9")

ULTRA Cut



OR-238-15
UltraCut™ TC Wire Cutting Plier
For Soft Wires Up to Ø 2.0 mm
For Hard Wires Up to Ø 1.2 mm
Overall Length 15 cm (6")

ULTRA Cut

Wire Cutting Pliers
Drahtkneifzangen
Alicates para cortar alambre
Pinces à couper le fil
Tenaglie tagliafili



OR-238-22
UltraCut™ TC Wire Cutting Plier
For Soft Wires Up to Ø 3.0 mm
For Hard Wires Up to Ø 2.0 mm
Overall Length 22 cm (8 ¾")

ULTRACut™

Bone Files
Knochenfeilen
Limas para huesos
Limes à os
Lime per ossa



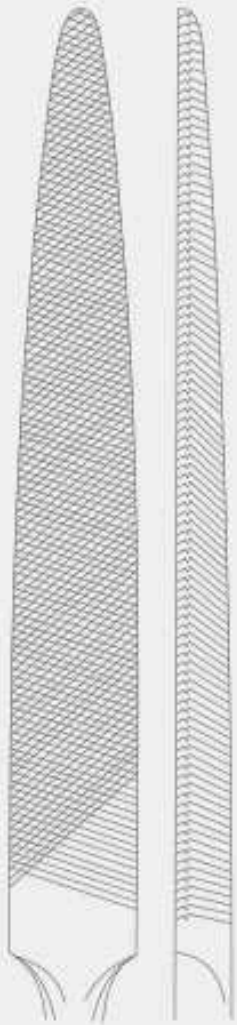


OR-421-30
Putti Bone Rasp
Round, Semi Round
Overall Length 30 cm (11 ¾")



OR-423-27
Putti Bone Rasp
Curved, Straight
Overall Length 27 cm (10 ¾")





OR-426-28
Bone File
Semi Round
Overall Length 28 cm (11")

Bone Files
Knochenfeilen
Limas para huesos
Limes à os
Lime per ossa



OR-427-24
Bone File
Semi Round
Overall Length 24.5 cm (9 ¾")



OR-430-22
Bone File
Flat
Overall Length 22 cm (8 ¾")

Bone Curettes
Scharfe Löffel
Cucharillas cortantes
Curettes tranchantes
Curette taglienti



Volkmann Bone Curette
Oval, Hollow Handle
Overall Length 17 cm (6 ¾")



OR-526-40
Fig. 0000
2.8 mm

OR-526-30
Fig. 000
3.6 mm

OR-526-20
Fig. 00
4.4 mm

OR-526-10
Fig. 0
5.2 mm

OR-526-01
Fig. 1
6.8 mm

OR-526-02
Fig. 2
8.5 mm

OR-526-03
Fig. 3
10 mm

OR-526-04
Fig. 4
11.5 mm

OR-526-05
Fig. 5
13 mm

OR-526-06
Fig. 6
14.5 mm

Bone Curettes
Scharfe Löffel
Cucharillas cortantes
Curettes tranchantes
Curette taglienti





OR-552-13
12.5 cm (5")



OR-552-14
14.5 cm (5 ¾")



OR-552-17
17 cm (6 ¾")







Volkmann Bone Curette
Double Ended, Oval/Oval





Ø 6.5 mm



Ø 9.0 mm



Ø 11.0 mm

OR-554-13
13 cm (5")

OR-554-16
16 cm (6 ¼")

OR-554-20
20 cm (8")



6.0 mm



7.0 mm



9.0 mm

Volkmann Bone Curette
Double Ended, Round/Oval





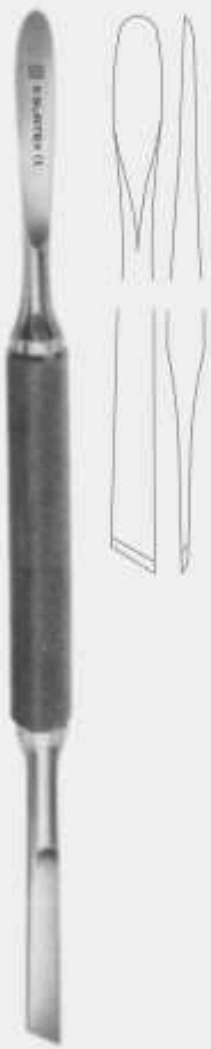
Ø 6.5 mm



6.0 mm

OR-556-21
Bone Curette
Double Ended, Round/Oval
Overall Length 21 cm (8 ¼")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-602-16
Mead Periosteal Raspatory/Elevator
Overall Length 16.5 cm (6 ½")



OR-603-18
Molt Periosteal Raspatory/Elevator
Overall Length 18 cm (7")

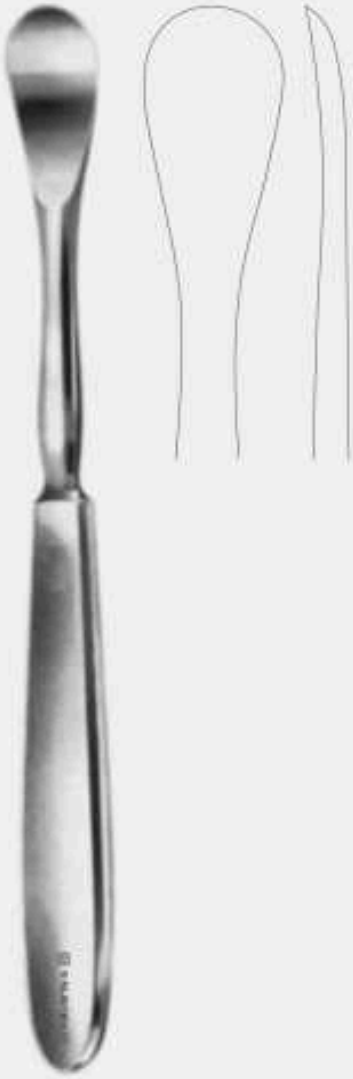
Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-609-19
Seldin Periosteal Raspatory/Elevator
Overall Length 19.5 cm (7 ¾")



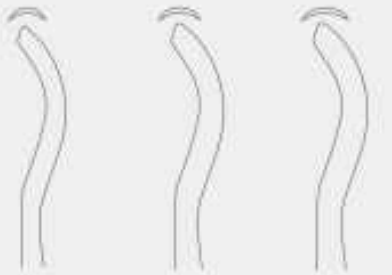
OR-611-19
Seldin Periosteal Raspatory/Elevator
Overall Length 19.5 cm (7 ¾")



OR-619-18
Sedillot Periosteal Raspatory / Elevator
18 mm
Overall Length 18.5 cm (7 ¼")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi





OR-633-09
09 mm

OR-633-11
11 mm

OR-633-13
13 mm



OR-633-15
15 mm

OR-633-17
17 mm

McGlamry Periosteal Raspatory/Elevator
Overall Length 17 cm (6 ¾")





OR-635-01
16 mm
19 cm (7 ½")



OR-635-02
16 mm
19 cm (7 ½")



OR-635-03
12 mm
18.5 cm (7 ¼")



OR-635-04
12 mm
18 cm (7")

Langenbeck Periosteal Raspatory/Elevator





OR-639-01
4 mm
17 cm (7")



OR-639-02
5 mm
17.5 cm (7")



OR-639-03
6 mm
19.5 cm (7 ¾")



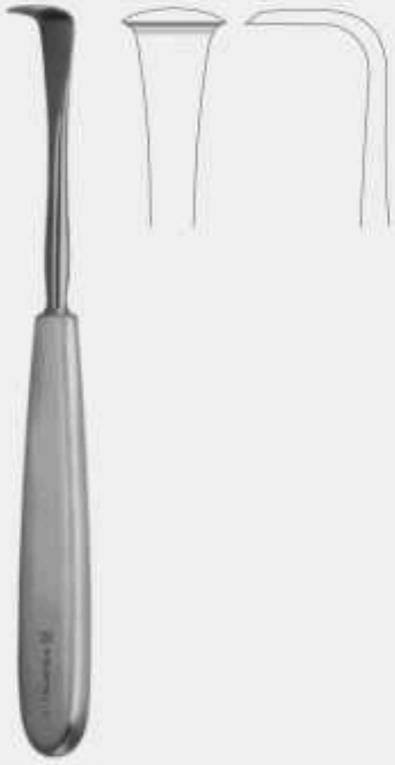
OR-639-04
7 mm
19.5 cm (7 ¾")

Cushing Periosteal Raspatory/Elevator

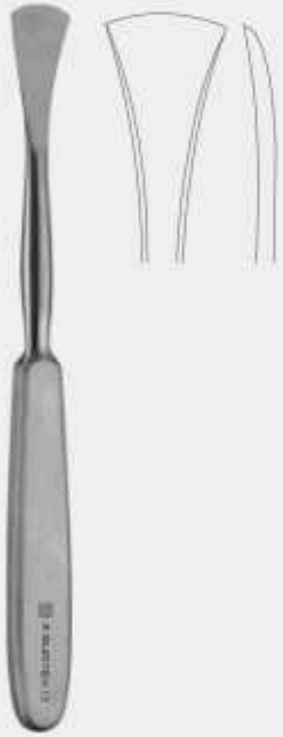
Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



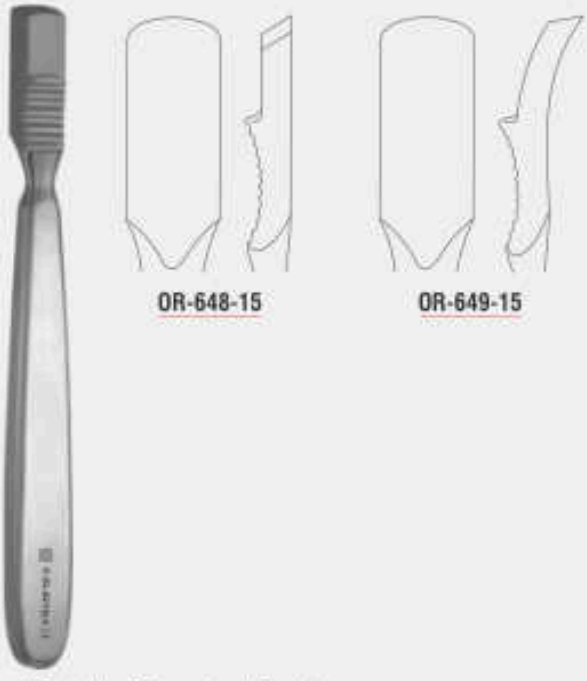
OR-640-17
Martin-Cushing Periosteal Raspatory/Elevator
8 mm
Overall Length 17 cm (6 ¾")



OR-641-18
Langenbeck Periosteal Raspatory/Elevator
14 mm
Overall Length 18 cm (7")



OR-643-19
Langenbeck Periosteal Raspatory/Elevator
16 mm
Overall Length 19.5 cm (7 ¾")



Farabeuf Periosteal Raspatory / Elevator
12.5 mm
Overall Length 15 cm (6")

OR-648-15

OR-649-15

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-651-21
Sedillot Periosteal Raspatory/Elevator
15 mm
Overall Length 22 cm (8 ¾")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-654-19
FiberGrip™ Periosteal Raspatory/Elevator
6 mm
Overall Length 19 cm (7 ½")



OR-655-20
FiberGrip™ Periosteal Raspatory/Elevator
14 mm
Overall Length 20 cm (8")



OR-657-20
FiberGrip™ Periosteal Raspatory/Elevator
14 mm
Overall Length 19 cm (7 ½")



OR-659-18
FiberGrip™ Periosteal Raspatory/Elevator
6 mm
Overall Length 18 cm (7")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-661-18
FiberGrip™ Periosteal Raspatory/Elevator
6 mm
Overall Length 18 cm (7")



OR-663-18
FiberGrip™ Periosteal Raspatory/Elevator
3 mm
Overall Length 18 cm (7")



OR-665-17
FiberGrip™ Periosteal Raspatory/Elevator
13 mm
Overall Length 17.5 cm (7")



OR-666-20
FiberGrip™ Periosteal Raspatory/Elevator
19 mm
Overall Length 20 cm (8")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-667-18
FiberGrip™ Periosteal Raspatory/Elevator
13 mm
Overall Length 18 cm (7")



OR-669-27
FiberGrip™ Periosteal Raspatory/Elevator
20 mm
Overall Length 27 cm (10 ¾")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi





OR-671-08
8 mm



OR-671-17
17 mm

FiberGrip™ Wagner Periosteal Raspatory/Elevator
Overall Length 33 cm (13")



OR-673-13
Williger Periosteal Raspatory/Elevator
5 mm
Overall Length 12.5 cm (5")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-677-01
7 mm

OR-677-02
5 mm

Williger Periosteal Raspatory/Elevator
Overall Length 16 cm (6 ¼")

Periosteal Elevators
Raspatorien
Periostotomos
Rugines-raspatoires
Periostotomi



Doyen Rib Raspatory
Overall Length 17.5 cm (7")



OR-680-01
For Adults
Curved Right



OR-680-02
For Adults
Curved Left

OR-681-01
For Children
Curved Right

OR-681-02
For Children
Curved Left

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



OR-682-01
Overholt Rib Raspatory/Elevator
Fig. 1
Overall Length 29 cm (11 ½")



OR-682-02
Overholt Rib Raspatory/Elevator
Fig. 2
Overall Length 27 cm (10 ¼")



OR-682-21
Alexander Periosteotome
Overall Length 21 cm (8 ¼")



OR-682-22
Matson Rib Elevator and Stripper
Overall Length 22.5 cm (8 ¾")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi



Semb Periosteal Raspatory/Elevator



OR-683-01
Fig. 1
12 mm
18.5 cm (7 ¼")



OR-683-02
Fig. 2
12 mm
21.5 cm (8 ½")



OR-683-03
Fig. 3
13 mm
18.5 cm (7 ¼")



OR-683-04
Fig. 4
13 mm
21.5 cm (8 ½")



OR-683-05
Fig. 5
15 mm
21.5 cm (8 ½")

Periosteal Elevators
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi





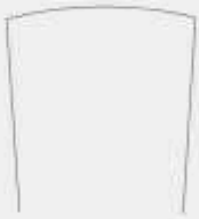
OR-684-10
10 mm



OR-684-15
15 mm



OR-684-20
20 mm



OR-684-25
25 mm

Lambotte Periosteal Raspatory/Elevator
Overall Length 21.5 cm (8 ½")





OR-685-01
7.9 mm



OR-685-02
5.0 mm



OR-685-03
7.7 mm



OR-685-04
6.3 mm

Adson Periosteal Raspatory/Elevator
Overall Length 17 cm (6 ¾")

Bone Rongeurs
Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie



OR-937-16
Mead Bone Rongeur
Overall Length 16.5 cm (6 ½")



OR-937-18
Hartmann Bone Rongeur
Overall Length 17.5 cm (7")



Jansen Bone Rongeur



OR-938-18
Straight
18 cm (7")



OR-939-18
Curved
18 cm (7")



OR-939-19
Angled
19 cm (7 ½")

Bone Rongeurs
Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie



OR-940-19
Lempert Bone Rongeur
Overall Length 19 cm (7 ½")



OR-946-15
Straight

OR-947-15
Curved

Bohler Bone Rongeur
Compound Action
Overall Length 15.5 cm (6")



OR-949-18
Beyer Bone Rongeur
Compound Action
Overall Length 18 cm (7")



OR-951-18
Zaufal-Jansen Bone Rongeur
Compound Action
Overall Length 18 cm (7")

Bone Rongeurs
Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie



OR-953-17
Mayfield Bone Rongeur
Compound Action
Overall Length 18 cm (7")



OR-953-20
Marquard Bone Rongeur
Compound Action
Overall Length 20.5 cm (8")



OR-955-18
Ruskin Bone Rongeur
Compound Action, Curved
Overall Length 19 cm (7 ½")



OR-955-24
Ruskin Bone Rongeur
Compound Action
Overall Length 24 cm (9 ½")



OR-957-22
Semb Bone Rongeur
Compound Action
Overall Length 23.5 cm (9 ¼")

Bone Rongeurs
Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie



OR-957-23
Stille Bone Rongeur
Compound Action
Overall Length 22.5 cm (8 ¾")



OR-959-02
2 x 10 mm



OR-959-03
3 x 10 mm



OR-959-04
4 x 10 mm

Echlin Bone Rongeur
Compound Action
Overall Length 23.0 cm (9")



OR-959-24
Roettgen-Ruskin Bone Rongeur
Compound Action
Overall Length 24.5 cm (9 ¾")





OR-964-22
Straight



OR-965-22
Curved

Stille-Luer Bone Rongeur
Compound Action
Overall Length 22.5 cm (8 ¾")

Bone Rongeurs
Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie



OR-968-01



OR-968-02

Sauerbruch Bone Rongeur
Compound Action
Overall Length 31 cm (12 ¼")

Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para hueso
Pinces coupantes à os
Cesoie per ossa



OR-970-19
Cottle-Kazanjian Bone Cutting Forcep
Overall Length 18.5 cm (7 ¼")



Liston Bone Cutting Forcep



OR-972-14
Straight
14 cm (5 ½")



OR-972-17
Straight
17 cm (6 ¾")



OR-972-19
Straight
20 cm (8")



OR-972-22
Straight
22 cm (8 ¾")



OR-973-14
Curved
14 cm (5 ½")



OR-973-17
Curved
17 cm (6 ¾")



OR-973-19
Curved
20 cm (8")



OR-973-22
Curved
22 cm (8 ¾")

Bone Cutting Forceps
Knochenspliterzangen
Pinzas cortantes para hueso
Pinces coupantes à os
Cesoie per ossa



Cleveland Bone Cutting Forcep



OR-975-15
14.5 cm (5 ⅝")



OR-975-17
17 cm (6 ¾")



OR-976-15
Bohler Bone Cutting Forcep
Compound Action, Light
Overall Length 14.5 cm (5 ¾")



OR-977-15
Bohler Bone Cutting Forcep
Compound Action, Heavy
Overall Length 14.5 cm (5 ¾")

Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para hueso
Pinces coupantes à os
Cesoie per ossa



OR-979-15
Cleveland Bone Cutting Forcep
Overall Length 16 cm (6 ¼")



OR-980-18
Straight



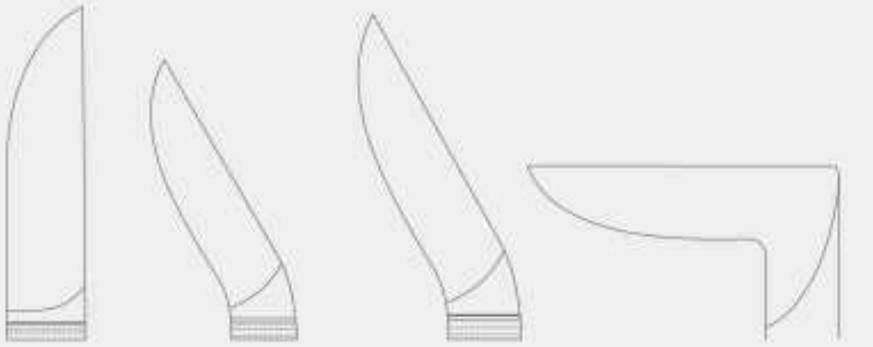
OR-981-18
Curved

Ruskin-Liston Bone Cutting Forcep
Compound Action
Overall Length 18 cm (7")

Bone Cutting Forceps
Knochenspitterzangen
Pinzas cortantes para hueso
Pinces coupantes à os
Cesoie per ossa



Stille-Liston Bone Cutting Forcep
Compound Action



OR-982-01
Straight
27.5 cm (10 ¾")

OR-982-02
Curved
23.5 cm (9 ¼")

OR-982-03
Curved
27.5 cm (10 ¾")

OR-982-04
26.5 cm (10 ¼")

Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para hueso
Pinces coupantes à os
Cesoie per ossa



OR-985-27
Liston-Key Bone Cutting Forcep
Compound Action
Overall Length 25.5 cm (10")



OR-987-25
Semb Bone Cutting Forcep
Compound Action
Overall Length 24.5 cm (9 ¾")

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinza per afferrare intestino e tessuti



SI-010-12
Allis-Baby Intestinal & Tissue Grasping Forcep
4 x 5 Teeth
Overall Length 13 cm (5")





SI-012-15
Allis Intestinal & Tissue Grasping Forcep
4 x 5 Teeth
Overall Length 15.5 cm (6")



Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinze per afferrare intestino e tessuti



SI-015-15
15.5 cm (6")



SI-015-19
19 cm (7 ½")



SI-015-25
25.5 cm (10")



5.6

Allis Tissue Intestinal & Grasping Forcep
5 x 6 Teeth



SI-020-16
15.5 cm (6")



SI-020-20
20 cm (8")



SI-020-25
24.5 cm (9 ¾")



SI-020-30
30 cm (11 ¾")

Allis Atrauma Intestinal & Tissue Grasping Forcep

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinza per afferrare intestino e tessuti



SI-024-15
Allis-Adair Intestinal & Tissue Grasping Forcep
11 x 12 Teeth
Overall Length 16 cm (6 ¼")





SI-026-15
Boys-Allis Intestinal & Tissue Grasping Forcep
5 x 6 Teeth
Overall Length 15.5 cm (6")



Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinze per afferrare intestino e tessuti



SI-028-15
15.5 cm (6")

SI-028-19
19 cm (7 ½")

Judd-Allis Intestinal & Tissue Grasping Forcep
3 x 4 Teeth



3:4



SI-030-20
Thoms-Allis Intestinal & Tissue Grasping Forcep
6 x 7 Teeth
Overall Length 20.5 cm (8")



6:7

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinza per afferrare intestino e tessuti



SI-032-20
Allis Intestinal & Tissue Grasping Forcep
5 x 6 Teeth
Overall Length 20 cm (8")


5:6



SI-040-20
Lockwood Intestinal & Tissue Grasping Forcep
Overall Length 20 cm (8")

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinze per afferrare intestino e tessuti



SI-042-18
Littlewood Intestinal & Tissue Grasping Forcep
Overall Length 18.5 cm (7 ¼")



SI-050-16
Williams Intestinal & Tissue Grasping Forcep
Overall Length 16.5 cm (6 ½")

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinze per afferrare intestino e tessuti



SI-056-16
16.5 cm (6 ½")



SI-056-20
21 cm (8 ¼")

UltraGrip™ TC Babcock Intestinal & Tissue Grasping Forcep

ULTRA GRIP



Babcock Intestinal & Tissue Grasping Forcep



SI-060-16
15.5 cm (6")



SI-060-18
17.5 cm (7")



SI-060-20
21 cm (8 ¼")



SI-060-24
24 cm (9 ½")

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinze per afferrare intestino e tessuti



SI-062-16
16 cm (6 ¼")

SI-062-20
20.5 cm (8")

Babcock Atrauma Intestinal & Tissue Grasping Forcep

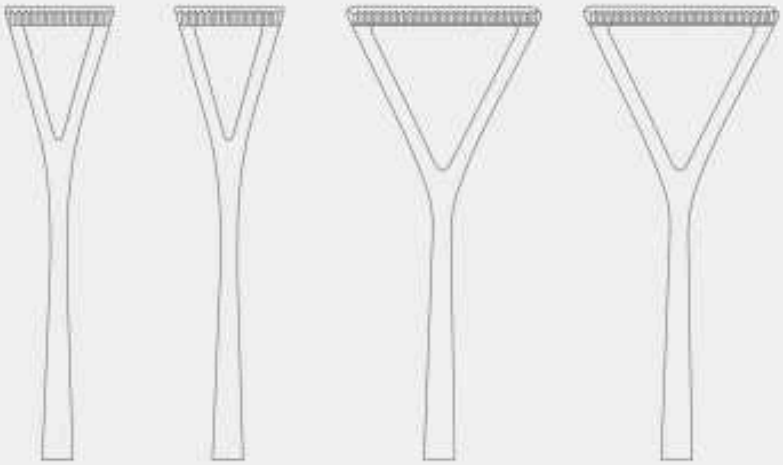


SI-070-20
UltraGrip™ TC Duval Intestinal & Tissue Grasping Forcep
Overall Length 20.5 cm (8")

ULTRA GRIP

Intestinal and Tissue Grasping Forceps
Darm- und Gewebefasszangen
Pinzas para intestinos y tejidos
Pinces pour saisir intestins et tissus
Pinze per afferrare intestino e tessuti





SI-072-18
Narrow Jaw
18 cm (7")

SI-072-20
Narrow Jaw
20.5 cm (8")

SI-074-20
Wide Jaw
20.5 cm (8")

SI-074-23
Wide Jaw
23 cm (9")

Duval Tissue Intestinal & Grasping Forcep

Rib Shears
Rippenscheren
Costótomos
Costotomes
Costotomi



CV-010-23
Bone Shear
Overall Length 23 cm (9")



CV-013-22
Rib Shear
Overall Length 23 cm (9")



CV-017-22
Gluck Rib Shear
Drawing Cut
Overall Length 21 cm (8 ¼")

Rib Shears
Rippenscheren
Costótomos
Costotomes
Costotomi



CV-026-29
Overall Length 29 cm (11 ½")

CV-026-34
Overall Length 34 cm (13 ½")

Bethune Rib Shear



CV-029-24
Vermehren (Tudor-Edwards) Costotome
Overall Length 24 cm (9 ½")



CV-031-26
Sauerbruch Rib Shear
Overall Length 26 cm (10 ½")



CV-033-21
Schumacher Rib Shear
Overall Length 21 cm (8 ½")

Rib Shears, Sternum Chisel
Rippenscheren, Sternummeißel
Costótomos, Cincel para esternón
Costotomes, Ciseau-burin à sternum
Costotomi, Scalpello per sterno



CV-037-27
Giertz-Stille Rib Shear
Overall Length 24.5 cm (9 ¾")



Brunner Rib Shear
Overall Length 32 cm (12 ½")

CV-047-28
For Right Hand

CV-049-28
For Left Hand



CV-051-24
Lebsche Sternum Chisel
Overall Length 24.5 cm (9 ¾")

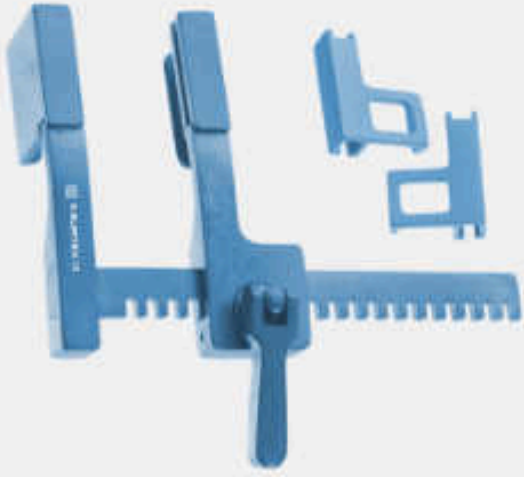
Rib Retractors
Rippensperrer
Separadores costales
Ecarteurs des côtes
Divaricatori costali





CV-058-00
Rib Shear
For Babies, Two Pairs of Lateral Blades

A	B	C
9 x 20 mm	9 x 10 mm	52 mm



CV-058-00 T
Rib Shear
For Babies, Two Pairs of Lateral Blades, Titanium

A	B	C
9 x 20 mm	9 x 10 mm	52 mm

TITANIUM



Cooley Rib Spreader
For Babies, Aluminium

Code	A	B	C
CV-060-01	12 mm	16 mm	95 mm

Cooley Rib Spreader
For Children, Aluminium

Code	A	B	C
CV-060-02	15 mm	30 mm	140 mm
CV-060-03	21 mm	44 mm	150 mm

Cooley Rib Spreader
For Adult, Aluminium

Code	A	B	C
CV-060-04	35 mm	50 mm	200 mm

Rib Spreader
Rippenspreizer
Espardidor de costillas
Écarteur de côtes
Divaricatore per costole





CV-071-01
Finochietto-Infant Rib Spreader
For Babies, Aluminium

A	B	C
15 mm	15 mm	75 mm



CV-072-01
Finochietto-Baby Rib Spreader
For Children, Aluminium

A	B	C
31 mm	31 mm	100 mm



Finochietto Rib Spreader
For Adults, Aluminium

Code	A	B	C
CV-073-01	40 mm	45 mm	135 mm
CV-073-02	52 mm	62 mm	175 mm
CV-073-03	85 mm	65 mm	175 mm

Rib Spreader
Rippenspreizer
Esparcidor de costillas
Épandeur de côtes
Divaricatore per costole





Burford Rib Spreader
With 2 Pairs of Lateral Blades, Aluminium

Code	A	B	C
CV-075-01	47 x 62 mm	65 x 62 mm	200 mm
CV-075-02	47 x 62 mm	65 x 62 mm	260 mm
CV-075-03	47 x 62 mm	65 x 62 mm	300 mm



CV-077-01
Castaneda Rib Spreader
For Babies, Aluminium

A	B	C
10.5 mm	32 mm	65 mm



Castaneda Rib Spreader
For Infant, Aluminium

Code	A	B	C
CV-077-02	12 mm	45 mm	70 mm
CV-077-03	15 mm	60 mm	120 mm

Rib Spreader
Rippenspreizer
Esparcidor de costillas
Écarteur de côtes
Divaricatore per costole





CV-081-01
Finochietto (Modif) Rib Spreader
Aluminium

A	B	C
14 mm	15 mm	120 mm



CV-086-90
Haight Rib Spreader
Aluminium

A	B	C
30 mm	30 mm	120 mm



CV-091-01
Morse-Favaloro Rib Spreader
For Children, 4 Moveable Blades

A	B	C
17 mm	22 mm	160 mm

Rib Spreader
Rippenspreizer
Esparcidor de costillas
Épandeur de côtes
Divaricatore per costole





Morse Rib Spreader
For Adults, 4 Moveable Blades

Code	A	B	C
CV-094-00	27 mm	22 mm	200 mm
CV-094-02	30 mm	28 mm	210 mm
CV-094-03	42 mm	28 mm	210 mm
CV-094-04	55 mm	28 mm	210 mm



CV-096-00
Tuffier Rib Spreader

A	B	C
45 mm	45 mm	160 mm



CV-098-03
Ronald-Edwards Rib Spreader

A	B	C
65 mm	75 mm	245 mm

Rib Spreader
Rippenspreizer
Esparcidor de costillas
Écarteur de côtes
Divaricatore per costole





CV-101-00
Finochietto-Baby Rib Spreader

A	B	C
14 mm	15 mm	75 mm



Finochietto Rib Spreader

	A	B	C
CV-102-01	40 mm	45 mm	150 mm
CV-102-02	46 mm	62 mm	190 mm
CV-102-03	80 mm	65 mm	190 mm



CV-105-00
DeBakey Rib Spreader
Complete
Spread 150 mm



CV-105-01
DeBakey Rib
Spreader Only
Spread 150 mm



CV-105-02
DeBakey Lateral Blades Pair (Fig. 1)
30 x 30 mm



CV-105-03
DeBakey Lateral Blades Pair (Fig. 2)
40 x 40 mm



CV-105-04
DeBakey Lateral Blades Pair (Fig. 3)
50 x 50 mm

Rib Spreader
Rippenspreizer
Esparcidor de costillas
Épandeur de côtes
Divaricatore per costole





CV-106-00
DeBakey Rib Spreader Complete
With 3 Pairs of Blades Ref: CV-106-02 to CV-106-04
Spread 200 mm



CV-106-01
DeBakey Rib Spreader Only
Spread 200 mm



CV-106-02
Lateral Blades Pair
(Fig. 1)
60 x 60 mm



CV-106-03
Lateral Blades Pair
(Fig. 2)
50 x 80 mm



CV-106-04
Lateral Blades Pair
(Fig. 3)
40 x 100 mm



CV-106-05
Lateral Blades Pair
(Fig. 4)
80 x 60 mm



CV-106-06
Lateral Blades Pair
(Fig. 4)
50 x 66 mm

Rib Retractors
Rippensperrer
Separadores costales
Ecarteurs des côtes
Divaricatori costali





CV-111-00
Mercedes Thoracic Retractor Complete
With Lateral Blades Ref: CV-111-02 to CV-111-03



CV-111-01
Mercedes Thoracic Retractor Only



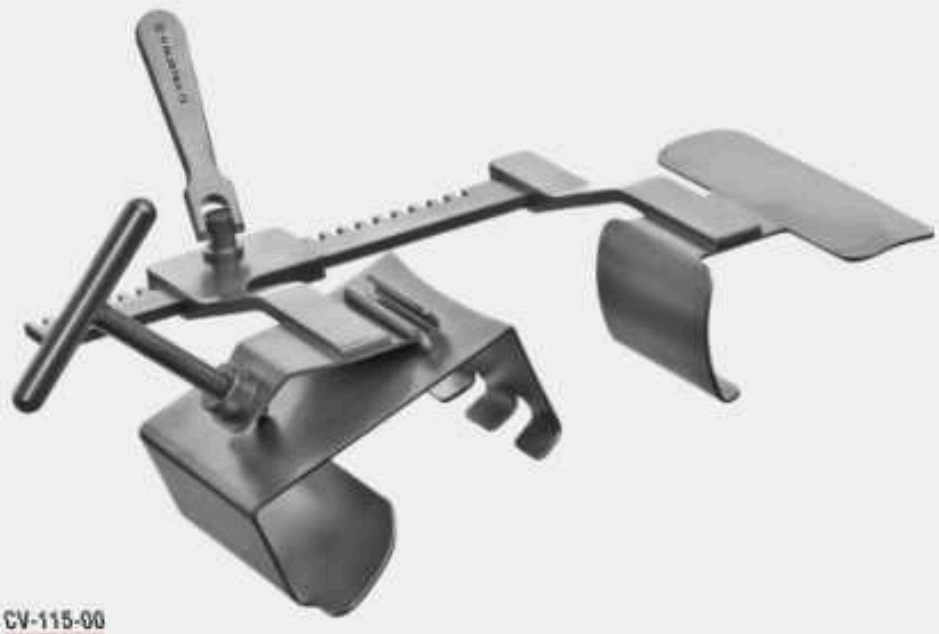
CV-111-02
Lateral Blades
(Fig. 1)
48 x 68 mm



CV-111-03
Lateral Blades
(Fig. 2)
70 x 75 mm

Rib Retractors
Rippensperrer
Separadores costales
Ecarteurs des côtes
Divaricatori costali





CV-115-00
I.M.A Mammaria Retractor
Complete

A	B	C
40 mm	150 mm	110 mm



CV-117-00
I.M.A Sternal Retractor Standard (French Pattern)
Complete
Including 1 x CV-117-10, 1 x CV-117-90, 1 x Each of CV-117-28 and CV-117-32



CV-117-10
I.M.A Sternal Retractor Standard (French Pattern)
Frame Only

Rib Retractors
Rippensperrer
Separadores costales
Ecarteurs des côtes
Divaricatori costali





CV-117-28
28 mm Deep

CV-117-32
32 mm Deep

CV-117-38
38 mm Deep

CV-117-43
43 mm Deep

CV-117-50
50 mm Deep

I.M.A Sternal Retractor Claw Blade



CV-117-90
100 x 20 mm

CV-117-91
100 x 25 mm



CV-117-92
30 x 20 mm

I.M.A Sternal Retractor U Shaped Blade



CV-118-00
I.M.A Ministernotomy Retractor (French Pattern)
Complete
Including 1 x CV-118-10, 1 x CV-117-92, 1 x Each of CV-117-43 and CV-117-50



CV-118-10
I.M.A Ministernotomy Retractor (French Pattern)
Frame Only

Rib Retractors
Rippensperrer
Separadores costales
Ecarteurs des côtes
Divaricatori costali





CV-120-00

Mitral Valve Retractor Set
Complete With Accessories

Includes

1 x CV-120-10 Mitral Valve Retractor Attachment Main Bracket
3 x CV-120-11 Universal Clamp for Mounting Blades to Mitral Valve Retractor
1 x CV-120-12 Mitral Valve Retractor Attachment Side Arm Bar
3 x CV-120-15 Small Retractor Blade for Mitral Valve Retractor 24 x 75 mm
1 x CV-120-14 Large Retractor Blade for Mitral Valve Retractor 34 x 74 mm
1 x CV-120-13 Tricuspid Retractor Blade for Mitral Valve Retractor 44 x 60 mm
1 x CV-120-90 Cooley Type Frame For Mitral Valve Retractor 40 x 110 mm

Accessories



CV-120-10
Mitral Valve Retractor Attachment Main Bracket



CV-120-11
Universal Clamp for Mounting Blades to Mitral Valve Retractor



CV-120-12
Mitral Valve Retractor Attachment Side Arm Bar



CV-120-13
Tricuspid Retractor Blade for Mitral Valve Retractor 44 x 60 mm

Rib Retractors
Rippensperrer
Separadores costales
Ecarteurs des côtes
Divaricatori costali





CV-120-14
Large Retractor Blade for Mitral Valve Retractor 34 x 74 mm



CV-120-15
Small Retractor Blade for Mitral Valve Retractor 24 x 75 mm



CV-120-20
Suture Bar For Mitral Valve Retractor (Optional)



CV-120-90
Cooley Type Frame For Mitral Valve Retractor 40 x 110 mm

Rib Contractors
Rippenkontraktoren
Aproximadores para costillas
Rapprocheurs des côtes
Approssimatori costali



CV-150-20
Sellors Rib Contractor
Overall Length 20 cm (8")



CV-154-15
Bailey-Baby Rib Contractor
Overall Length 15.5 cm (6")



CV-158-16
Bailey Rib Contractor
Short Claws
Overall Length 20 cm (8")



CV-160-16
Bailey-Gibbon Rib Contractor
Long Claws
Overall Length 20 cm (8")

Lung Spatulas
Lungenspatel
Espátulas pulmonares
Spatules pulmonaires
Spatole per polmone



CV-171-30
Allison Lung Spatula
Overall Length 29.5 cm (11 ½")

CV-171-32
Overall Length 32.5 cm (12 ¾")



CV-173-30
Allison Lung Spatula
Overall Length 26 cm (10 ¼")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-201-22
Price-Thomas Bronchus Clamp
Overall Length 22 cm (8 ¾")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Price-Thomas Bronchus Clamp
Overall Length 22 cm (8 ¾")

CV-205-22
Fig. 1, Spikes on Left Jaw



CV-207-22
Fig. 2, Spikes on Right Jaw

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-209-15
Baby-Satinsky Anastomosis Clamp
Cross Serrated
Overall Length 15 cm (6")



CV-211-26
Satinsky Anastomosis Clamp
Cross Serrated
Overall Length 26.5 cm (10 ½")

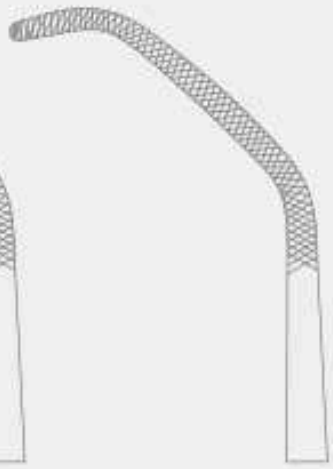
Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Satinsky Anastomosis Clamp
Overall Length 26.5 cm (10 ½")



CV-213-01
Cross Serrated
Fig. 1

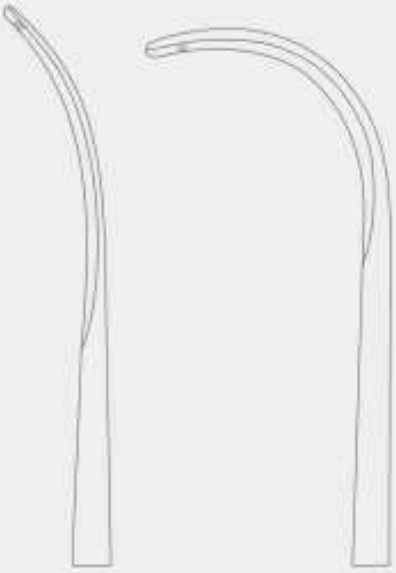


CV-213-02
Cross Serrated
Fig. 2

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Semb Bronchus Clamp



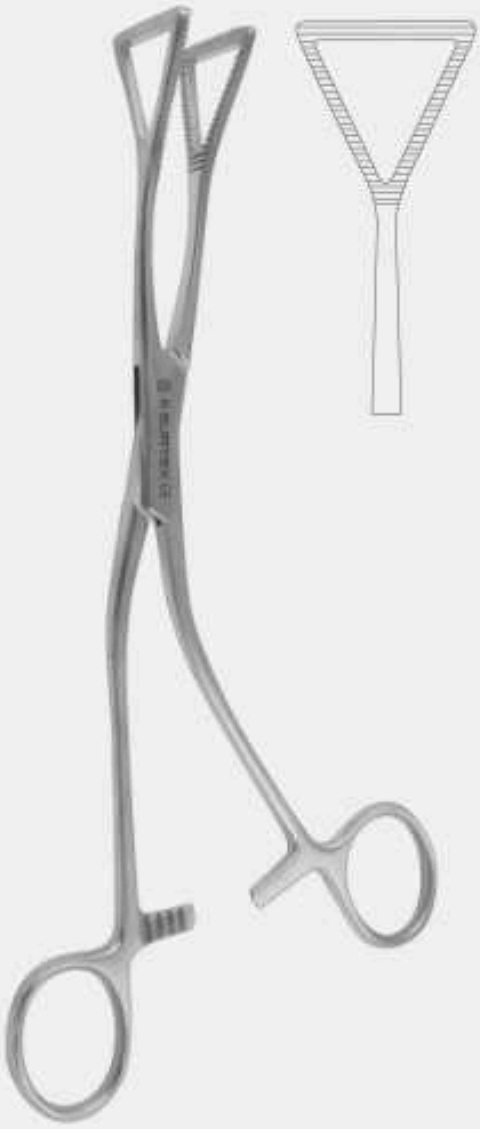
CV-215-24
Slightly Curved
24.5 cm (9 ¾")

CV-217-24
Strongly Curved
24 cm (9 ½")

Lung Grasping Forceps
Lungenfasszangen
Pinzas para coger el pulmón
Pince-clamps à poumons
Pinze per afferrare polmone



CV-220-20
Lovelace Lung Grasping Forcep
Overall Length 20.5 cm (8")



CV-221-20
Lovelace Lung Grasping Forcep
Laterally Curved
Overall Length 20.5 cm (8")

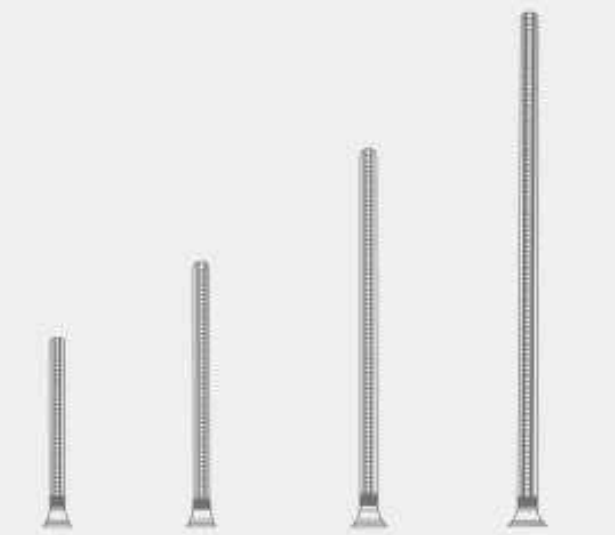
Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

Atrauma™

DeBakey Atrauma Bulldog Clamp
Straight

	Jaw Size
CV-250-07	25 mm
CV-250-08	35 mm
CV-250-10	50 mm
CV-250-12	68 mm





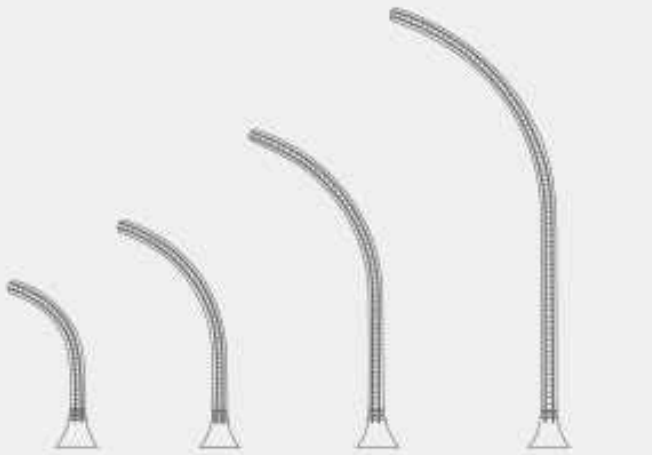
CV-250-07 7.5 cm (3")
CV-250-08 8.5 cm (3 ¼")
CV-250-10 10 cm (4")
CV-250-12 12 cm (4 ¾")

Atrauma™

DeBakey Atrauma Bulldog Clamp
Curved

	Jaw Size
CV-251-07	23 mm
CV-251-08	31 mm
CV-251-10	42 mm
CV-251-12	58 mm





CV-251-07 7.5 cm (3")
CV-251-08 8.5 cm (3 ¼")
CV-251-10 9.5 cm (3 ¾")
CV-251-12 11.5 cm (4 ¼")

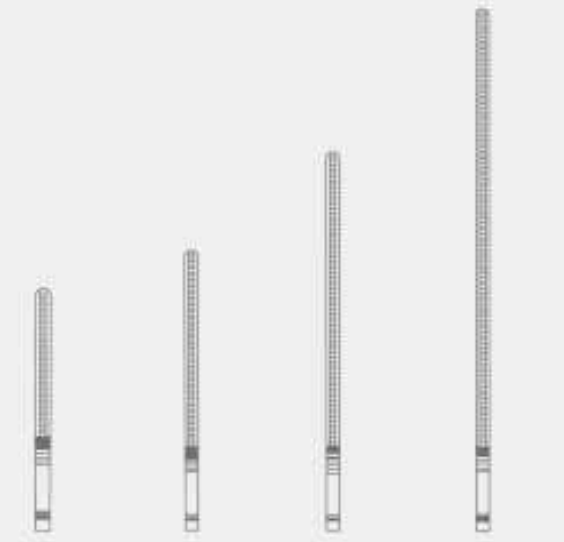
Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

Atrauma™

Glover Atrauma Bulldog Clamp
Straight

	Jaw Size
CV-260-06	32 mm
CV-260-07	37 mm
CV-260-09	50 mm
CV-260-11	69 mm





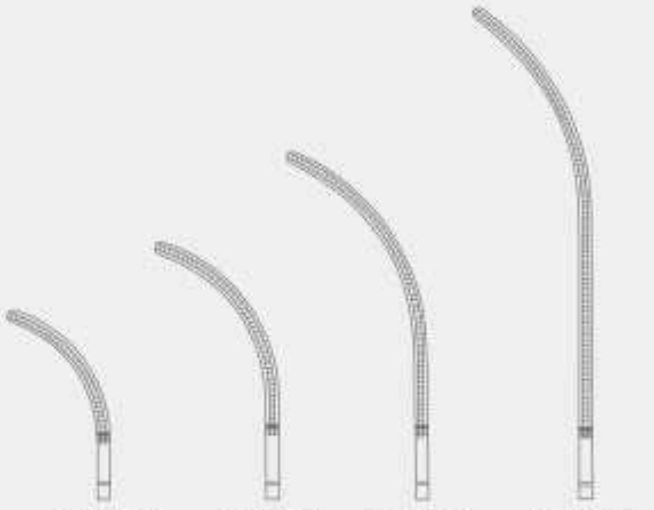
CV-260-06 7 cm (2 ¾")
CV-260-07 7.5 cm (3")
CV-260-09 9 cm (3 ½")
CV-260-11 11 cm (4 ¼")

Atrauma™

Glover Atrauma Bulldog Clamp
Curved

	Jaw Size
CV-261-06	33 mm
CV-261-07	37 mm
CV-261-09	50 mm
CV-261-11	69 mm





CV-261-06 6.5 cm (2 ⅝")
CV-261-07 7 cm (2 ¾")
CV-261-09 8.5 cm (3 ¼")
CV-261-11 10.5 cm (4")

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



CV-265-07
DeBakey-Satinsky Atrauma Bulldog Clamp
38 mm
Overall Length 7 cm (2 ¾")

Atrauma™



CV-265-09
DeBakey-Satinsky Atrauma Bulldog Clamp
54 mm
Overall Length 9 cm (3 ½")

Atrauma™



CV-265-10
DeBakey-Satinsky Atrauma Bulldog Clamp
63 mm
Overall Length 10 cm (4")

Atrauma™



CV-277-06
Glover Atrauma Bulldog Clamp
35 mm
Overall Length 6 cm (2 ¼")

Atrauma™

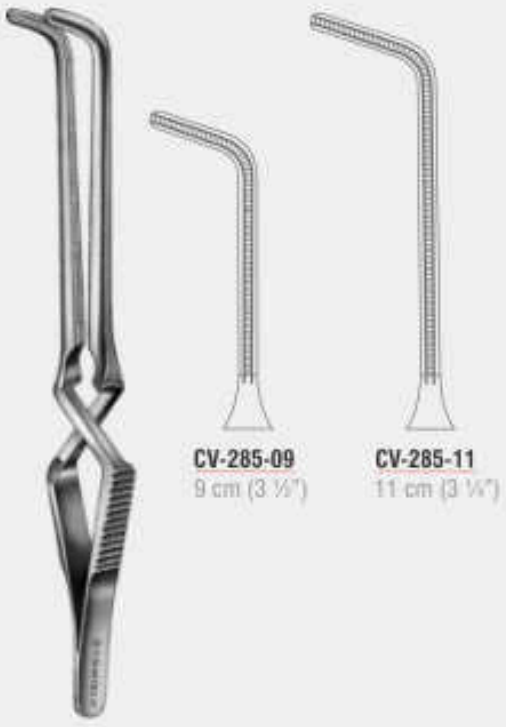


CV-281-07
Santulli Atrauma Bulldog Clamp
Overall Length 7 cm (2 ¾")

Atrauma™

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog

Atrauma™



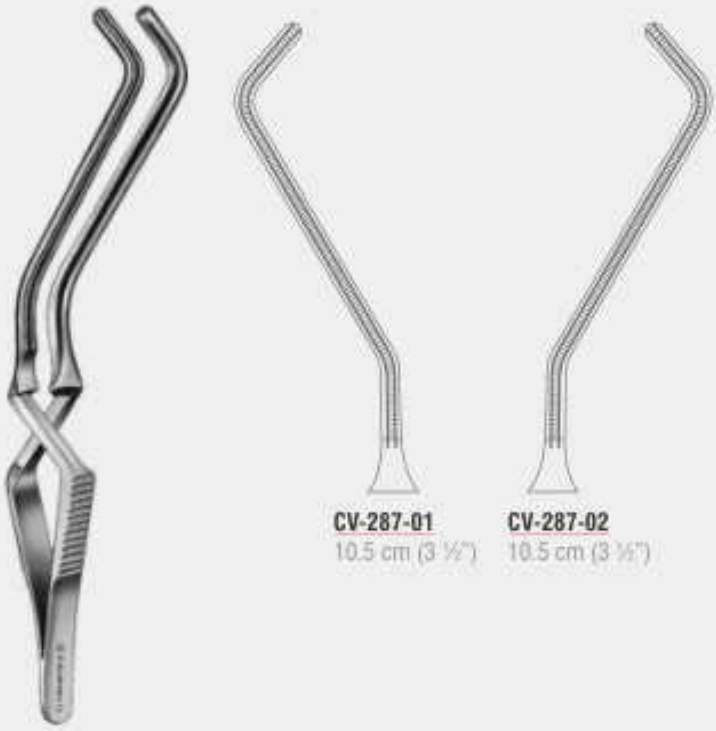
CV-285-09
9 cm (3 ½")

CV-285-11
11 cm (3 ¼")

Gregory-Soft Atrauma Bulldog Clamp
Carotid Clamp

	Jaw Size
CV-285-09	42 mm
CV-285-11	55 mm

Atrauma™



CV-287-01
10.5 cm (3 ½")

CV-287-02
10.5 cm (3 ½")

Gregory Atrauma Bulldog Clamp
Carotid Clamp

	Jaw Size	Profile
CV-287-01	62 mm	Left
CV-287-02	62 mm	Right

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



CV-289-10
George-Krasopoulos Atrauma Bulldog Artery Clamp
Overall Length 10.5 cm (4")

Atrauma™

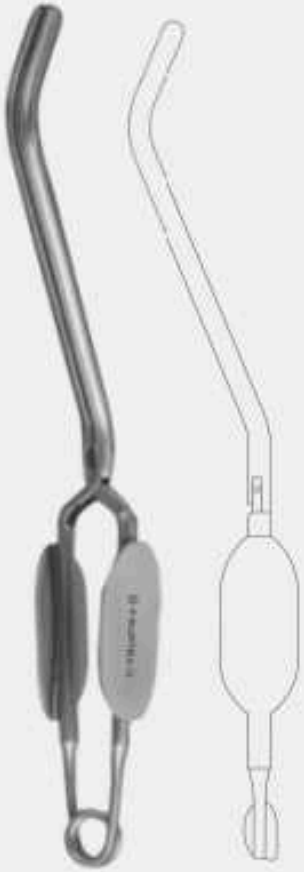


CV-293-25
Angled, 91 mm
(250 Grams)

CV-293-35
Angled, 91 mm
(350 Grams)

Mueller Atrauma Bulldog Clamp

Atrauma™



CV-295-25
Slightly Curved, 112 mm
(250 Grams)

CV-295-35
Slightly Curved, 112 mm
(350 Grams)

Mueller Atrauma Bulldog Clamp

Atrauma™

Bulldog Clamps
Bulldogklemmen
Clamps Bulldog
Clamps Bulldog
Pinze Bulldog



CV-297-25
Curved, 112 mm
(250 Grams)

CV-297-35
Curved, 112 mm
(350 Grams)

Mueller Atrauma Bulldog Clamp

Atrauma™



CV-299-25
Knee Bent, 108 mm
(250 Grams)

CV-299-35
Knee Bent, 108 mm
(350 Grams)

Mueller Atrauma Bulldog Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-300-16
Straight, 40 mm

CV-301-16
Curved, 40 mm

DeBakey-Rankin Atrauma Hemostatic Forcep
Overall Length 16 cm (6 ¼")

Atrauma™



CV-304-15
Straight, 27 mm

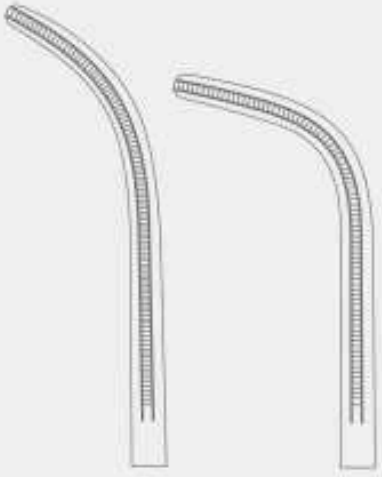
CV-305-15
Curved, 27 mm

DeBakey-Mosquito Atrauma Hemostatic Forcep
Overall Length 15 cm (6")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-307-01
Slightly Curved
81 mm
25 cm (10")

CV-307-02
Strongly Curved
81 mm
24.5 cm (9 ¾")

DeBakey-Rumel Atrauma Dissecting & Ligature Forcep

Atrauma™



CV-309-28
DeBakey-Mixter Atrauma Dissecting & Ligature Forcep
80 mm
Overall Length 28.5 cm (11 ¼ ")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-311-21
DeBakey-McQuigg-Mixter Atrauma Dissecting & Ligature Forcep
70 mm
Overall Length 21 cm (8 ¼")



CV-313-24
Purse String Forcep
55 mm Wide Jaws
Overall Length 24 cm (9 ½")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-315-23
Ochsner Atrauma Aortic Clamp
50 mm
Overall Length 23.5 cm (9 ¼")

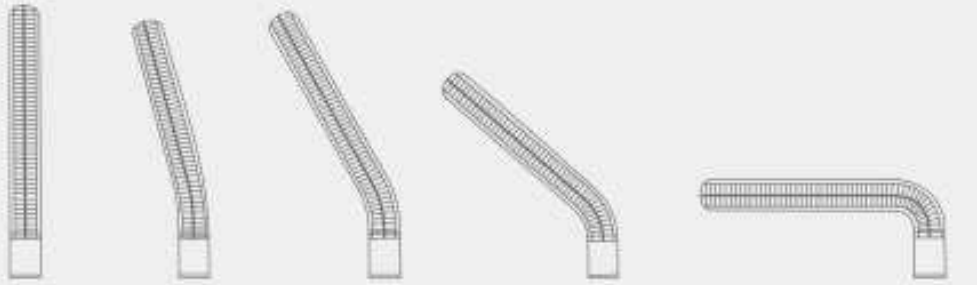
Atrauma™



CV-317-22
Diethrich Atrauma Aortic Clamp
45 mm
Overall Length 22 cm (8 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-321-01
Straight

CV-321-02
Angled 15°

CV-321-03
Angled 30°

CV-321-04
Angled 45°

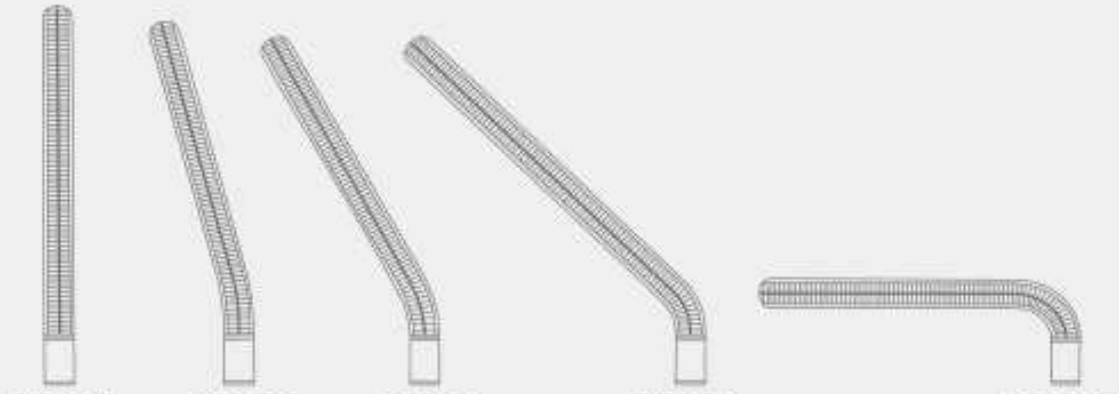
CV-321-05
Angled 90°



Dardik Atrauma Multipurpose Vascular Clamp
30 mm
Overall Length 15 cm (6")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-323-01
Straight

CV-323-02
Angled 15°

CV-323-03
Angled 30°

CV-323-04
Angled 45°

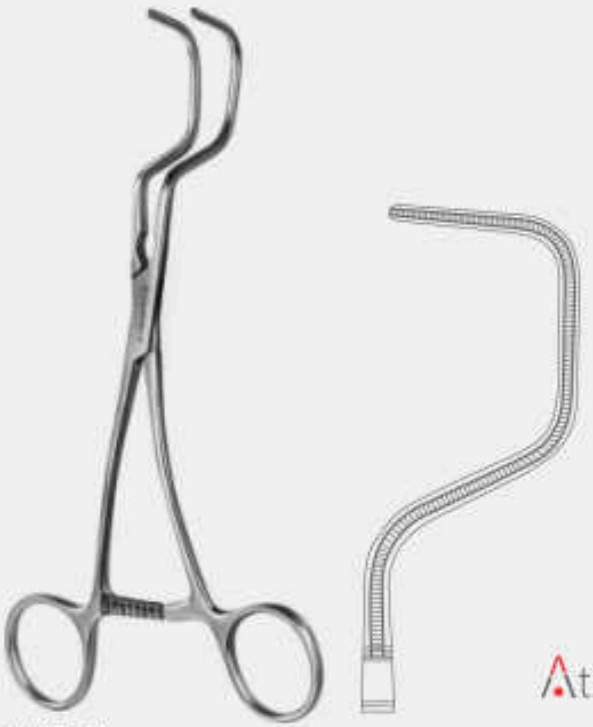
CV-323-05
Angled 90°



Dardik Atrauma Multipurpose Vascular Clamp
50 mm
Overall Length 17 cm (6 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Atrauma™

CV-331-18
Dale Atrauma Peripheral Vascular Clamp
37 mm
Overall Length 18 cm (7")



CV-333-17
20 mm
17.5 cm (7")

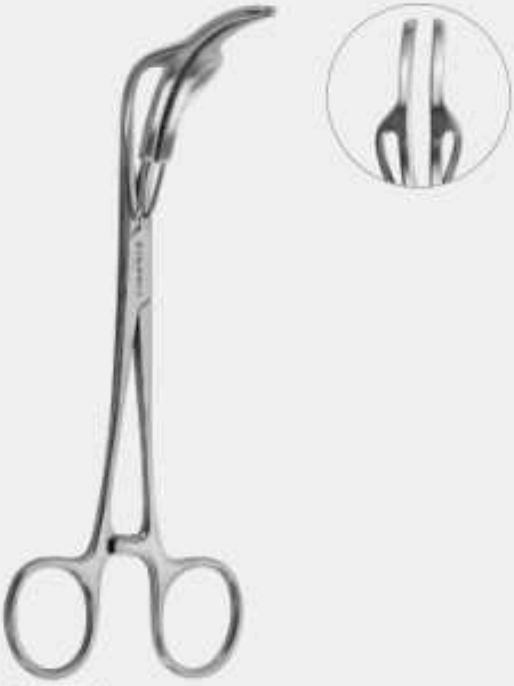
CV-333-18
25 mm
18 cm (7")

CV-333-19
35 mm
18.5 cm (7 ¼")

Atrauma™

Dale Atrauma Peripheral Vascular Clamp

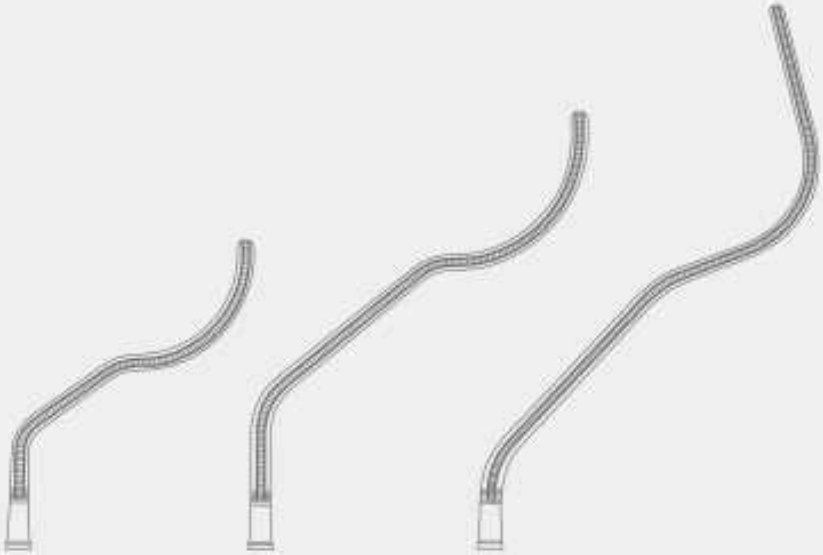
Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-335-18
Klintmalm Liver Transplant Clamp
Jaw size: 65 mm
Overall Length 18 cm (7")



Gregory Atrauma Profunda Clamp



CV-337-14
13 cm (5")
45 mm

CV-337-16
16 cm (6 ¼")
70 mm

CV-337-18
18 cm (7")
78 mm

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-341-18
Javid Carotid Shunt Clamp
Overall Length 17.5 cm (7")



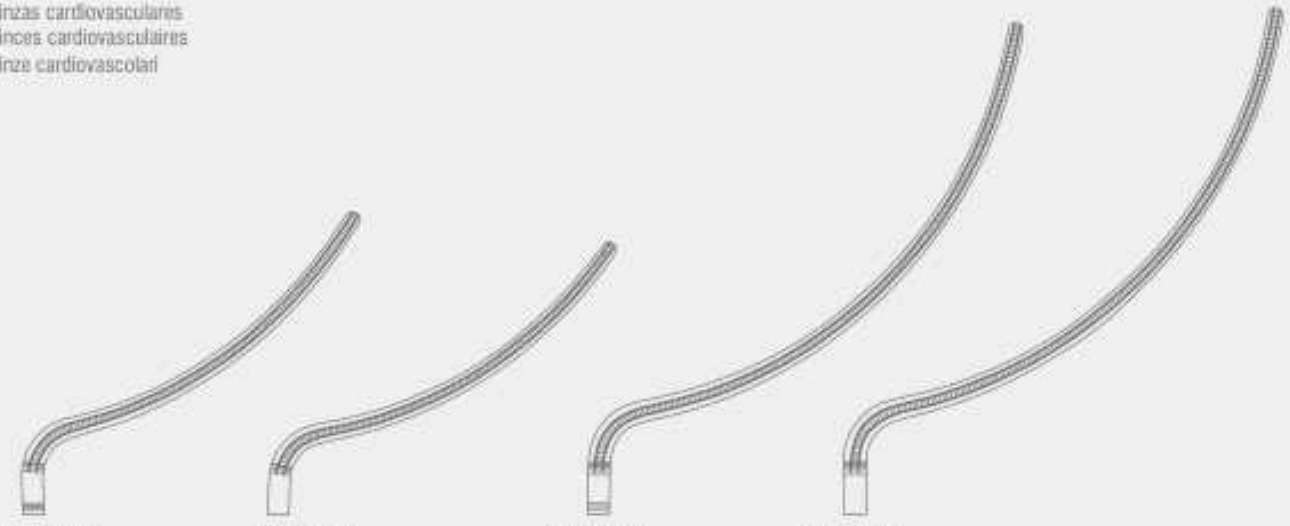
CV-341-19
Javid Carotid Shunt Clamp
Overall Length 18 cm (7")



Cooley Catheter Clamp

CV-343-24	16 cm (6 ¼"), Ø 24 Charr.
CV-343-26	16 cm (6 ¼"), Ø 26 Charr.
CV-343-28	20 cm (8"), Ø 28 Charr.
CV-343-30	20 cm (8"), Ø 30 Charr.
CV-343-32	20 cm (8"), Ø 32 Charr.
CV-343-36	20 cm (8"), Ø 36 Charr.

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari

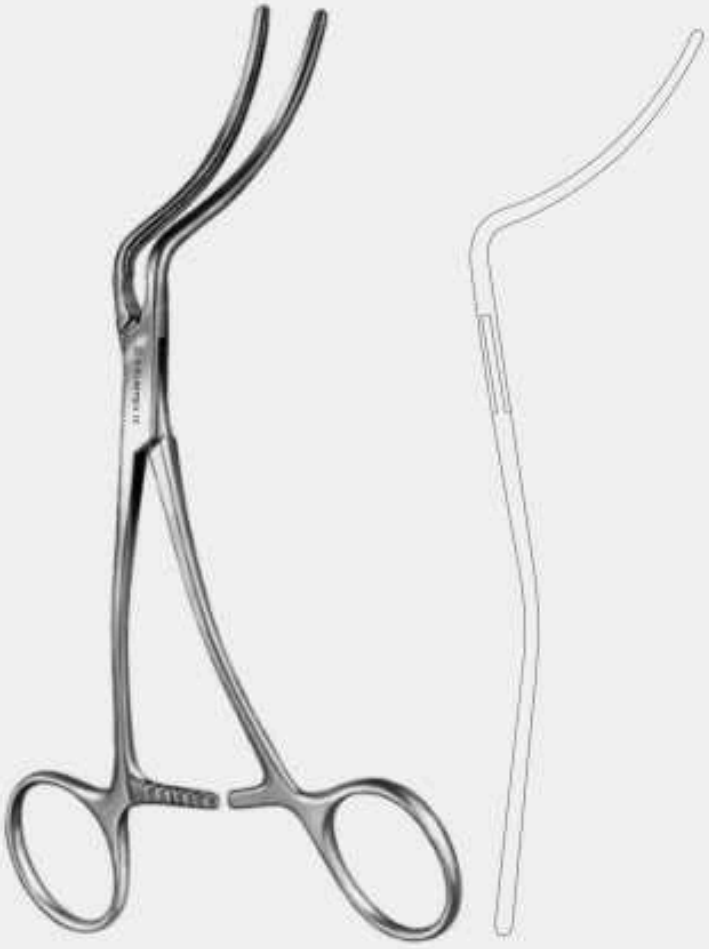


CV-345-01
55 mm
16 cm (6 ¼")

CV-345-02
55 mm
16.5 cm (6 ½")

CV-345-03
80 mm
18 cm (7")

CV-345-04
80 mm
19.5 cm (7 ¾")

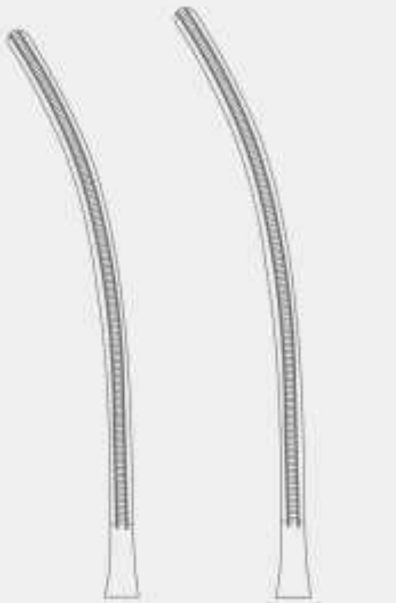


DeBakey-Wylie Atrauma Peripheral Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-347-24
24 cm (9 ½")

CV-347-27
27 cm (10 ½")

Wylie Atrauma Aortic Aneurysm Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-351-18
48 mm
17.5 cm (7")



CV-353-18
30 mm x 30 mm
18 cm (7")



CV-355-17
28 mm
17 cm (6 ¾")

Husfeldt Atrauma Peripheral Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Potts Atrauma Coarctation Clamp



CV-370-20
Straight
41 mm
20.5 cm (8")



CV-370-21
Straight
30 mm
21 cm (8 ¼")



CV-370-22
Straight
55 mm
22.5 cm (8 ¾")



CV-371-20
Angled 15°
41 mm
20.5 cm (8")



CV-371-21
Angled 15°
30 mm
20.5 cm (8")



CV-371-22
Angled 15°
55 mm
22.5 cm (8 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





Potts Atrauma Coarctation Clamp



CV-373-20
Angled 15°
41 mm
20.5 cm (8")



CV-373-21
Angled 15°
30 mm
20.5 cm (8")



CV-373-22
Angled 15°
55 mm
22 cm (8")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari







CV-375-22
Curved, 65 mm
21.5 cm (8 ½")

CV-377-22
Curved, 60 mm
22 cm (8 ¾")

Potts (Glover) Atrauma Anastomosis Clamp

Atrauma™





CV-379-21
51 mm
21 cm (8 ¼")

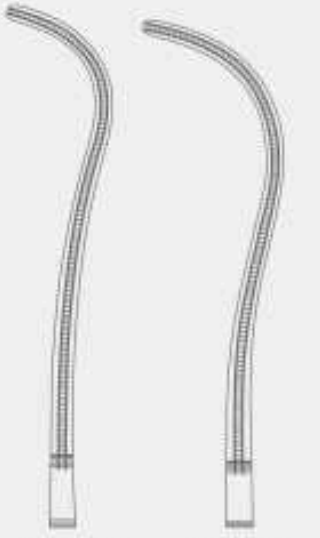
CV-379-23
75 mm
23 cm (9")

DeBakey Atrauma Dissecting and Ligature Forcep

Atrauma™

Ligature Forceps
Ligaturzange
Pinzas de ligadura
Pince à ligature
Pinze per legature





CV-381-19
77 mm
19 cm (7 ½")

CV-381-23
80 mm
24 cm (9 ½")

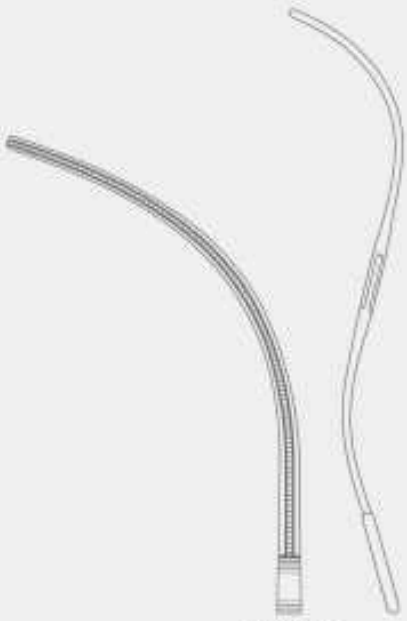
DeBakey Atrauma Dissecting and Ligature Forcep

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-383-16
56 mm
16 cm (6 ¼")



CV-385-19
90 mm
19 cm (7 ½")



CV-385-20
92 mm
19.5 cm (7 ¾")



DeBakey Atrauma Peripheral Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-387-18
Angled 60°
77 mm
18 cm (7")

CV-387-19
Angled 30°
77 mm
18.5 cm (7 ¼")

CV-387-20
Angled 15°
77 mm
19.5 cm (7 ¾")

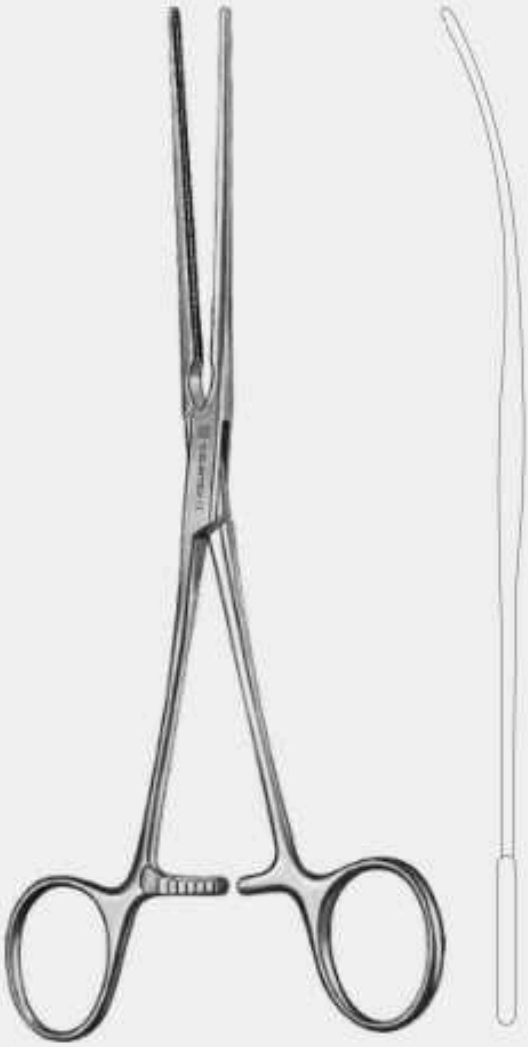
CV-388-20
Straight
77 mm
19.5 cm (7 ¾")

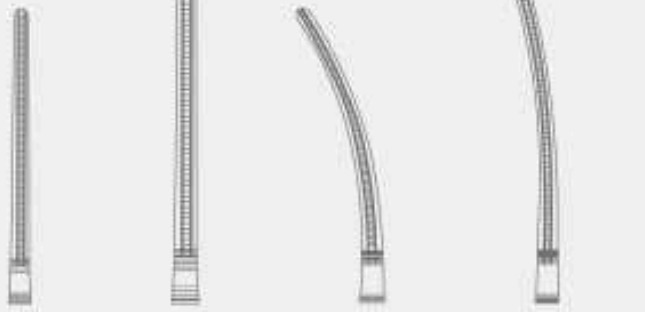


Leland-Jones Atrauma Peripheral Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-390-15
Straight
40 mm
15 cm (6")

CV-390-18
Straight
65 mm
18.5 cm (7 ¼")

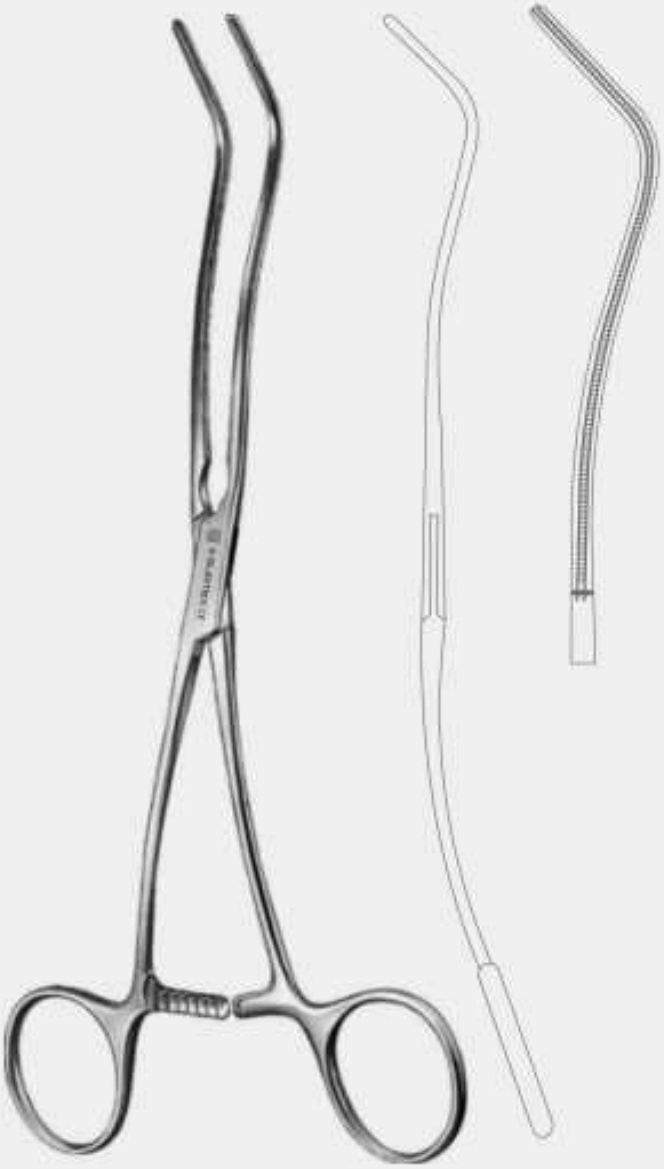
CV-391-15
Curved
40 mm
15 cm (6")

CV-391-18
Curved
65 mm
18.5 cm (7 ¼")

Bainbridge Atrauma Multipurpose Vascular Clamp

Atrauma™

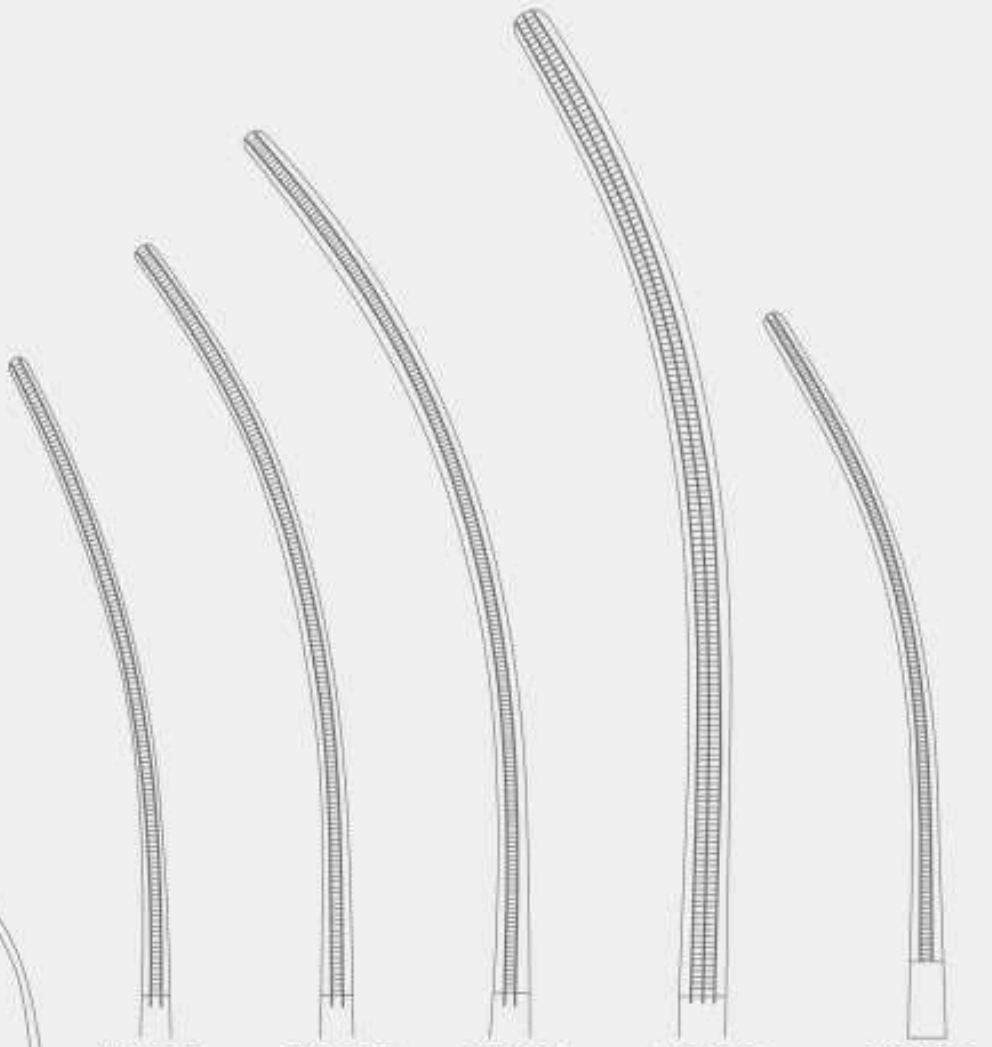
Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-393-20
DeBakey Atrauma Multipurpose Vascular Clamp
180 mm
Overall Length 20 cm (8")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-395-26
95 mm
26 cm (10 ¼")

CV-395-27
110 mm
27 cm (10 ¾")

CV-395-31
130 mm
31 cm (12 ¼")

CV-395-33
140 mm
33 cm (13")

CV-397-28
90 mm
28 cm (11")



DeBakey Atrauma Aortic Aneurysm Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-399-30
DeBakey Atrauma Aortic Aneurysm Clamp
115 mm
Overall Length 30 cm (11 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-401-27
DeBakey Atrauma Aortic Clamp
Angled 70°, 60 mm
Overall Length 27 cm (10 ¾")

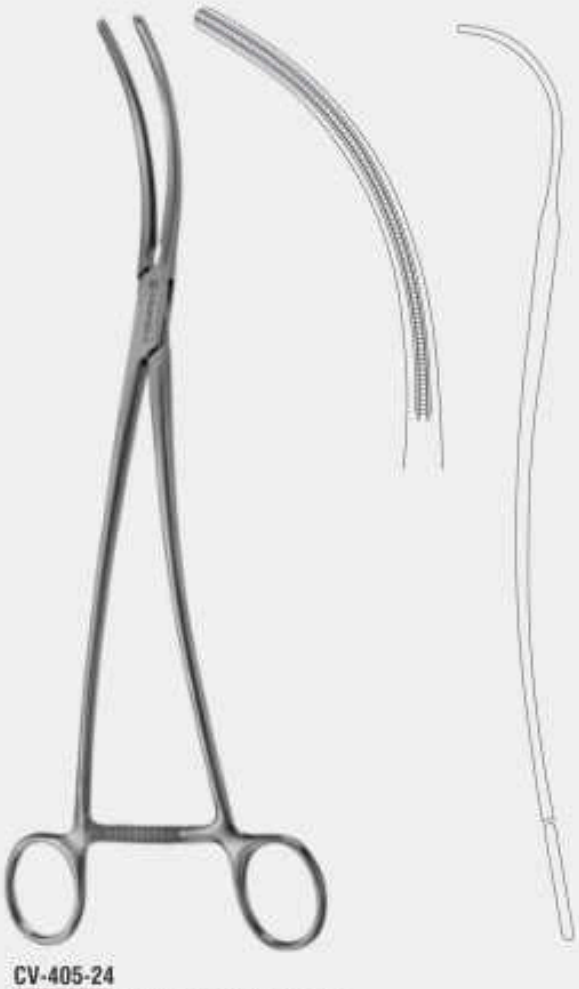
Atrauma®

Ligature Forceps
Ligaturzange
Pinzas de ligadura
Pince à ligature
Pinze per legature



CV-403-24
DeBakey Atrauma Ligature Forcep
94 x 18 mm
Overall Length 24.5 cm (9 ¾")

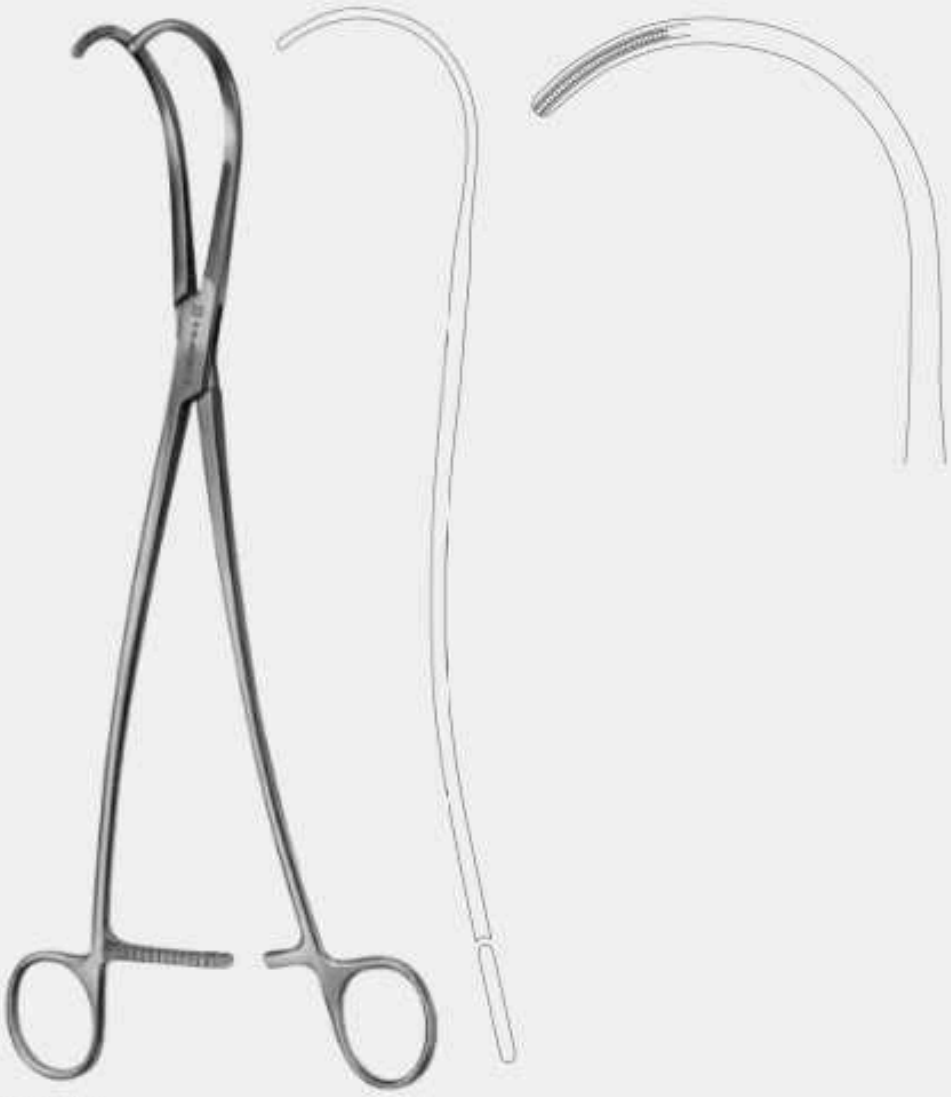
Atrauma™



CV-405-24
DeBakey Atrauma Ligature Forcep
75 mm
Overall Length 24.5 cm (9 ¾")

Atrauma™

Ligature Forceps
Ligaturzange
Pinzas de ligadura
Pince à ligature
Pinze per legature



CV-407-25
DeBakey (Semb) Atrauma Ligature Forcep
100 x 20 mm
Overall Length 27 cm (10 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-409-26
DeBakey Atrauma Aortic Clamp
111 x 60 mm
Overall Length 27 cm (10 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-411-01
Right

CV-411-02
Left

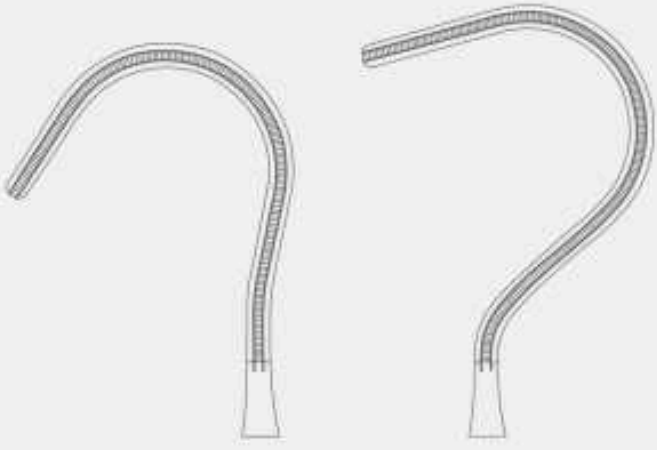


Weber Atrauma Aortic Clamp
52 mm
Overall Length 24 cm (9 ½")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-413-01
25 mm
22.5 cm (8 ¼")

CV-413-02
25 mm
23 cm (9")

Wylie Atrauma Aortic Aneurysm Clamp

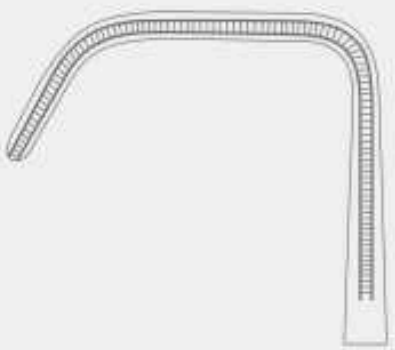
Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari

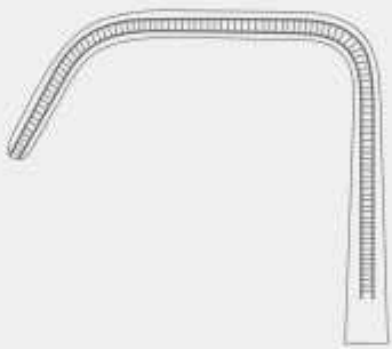


Hopt Atrauma Clamp
Kidney & Pancreas Clamp
Overall Length 20 cm (8")

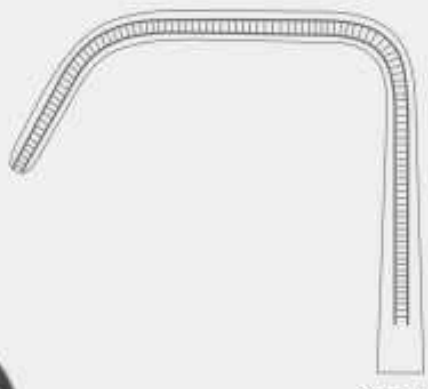
Atrauma™



CV-415-01
41 mm

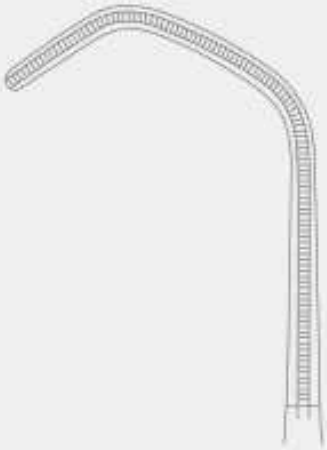


CV-415-02
51 mm

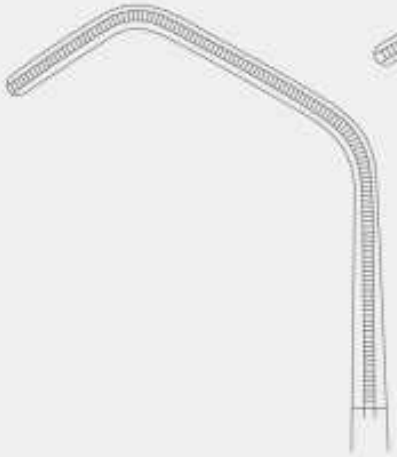


CV-415-03
65 mm

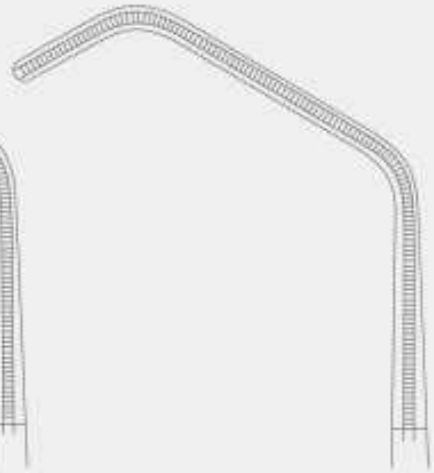
Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



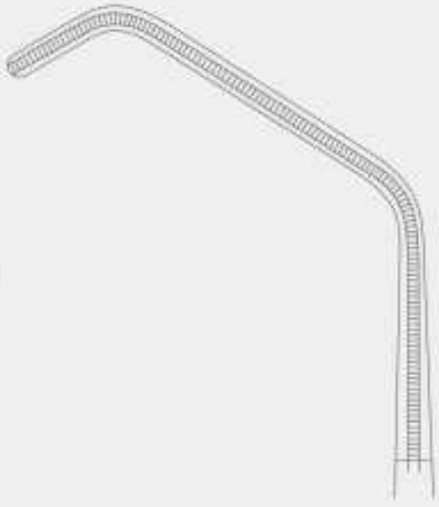
CV-417-20
38 mm
22 cm (8 ⅝")



CV-417-24
48 mm
26 cm (10 ¼")



CV-417-25
54 mm
26.5 cm (10 ½")



CV-417-26
58 mm
27.5 cm (10 ⅞")



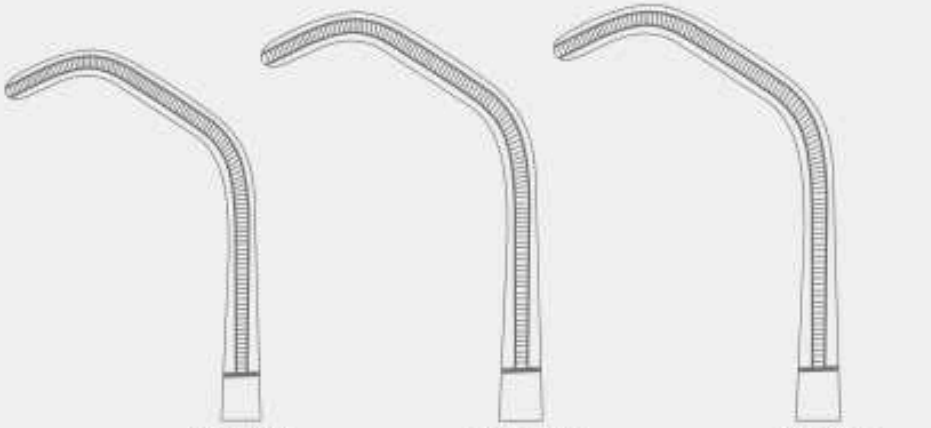
CV-417-27
75 mm
28.5 cm (11 ¼")



Satinsky Atrauma Tangential Occlusion Clamp Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-419-23
32 mm
23.5 cm (9 ¼")

CV-419-24
40 mm
24 cm (9 ½")

CV-419-25
47 mm
24.5 cm (9 ½")

DeBakey-Satinsky Atrauma Tangential Occlusion Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-421-01
86 mm
25.5 cm (10")

CV-421-02
86 mm
24 cm (9 ½")

CV-421-03
86 mm
24.5 cm (9 ¾")

CV-421-04
86 mm
23.5 cm (9 ¼")

Harken Atrauma Auricle Clamp

Atrauma™

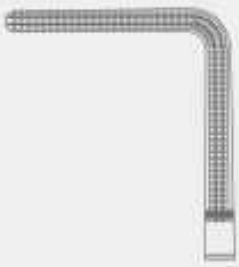
Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Lees Atrauma Bronchus Clamp



CV-423-23
Angled 90°
42 mm
23 cm (9")

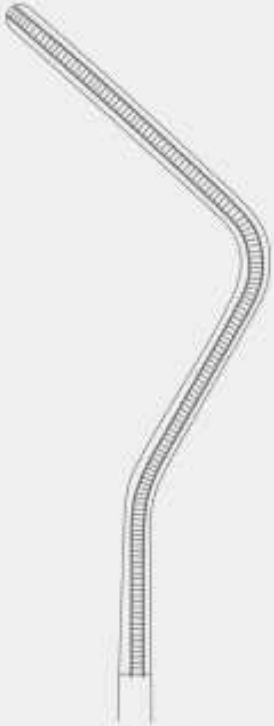


CV-423-25
Angled 90°
42 mm
2 x 3 DeBakey Teeth
25.5 cm (10")

Atrauma™



Lees Atrauma Bronchus Clamp



CV-425-25
95 mm
25 cm (9 ¾")

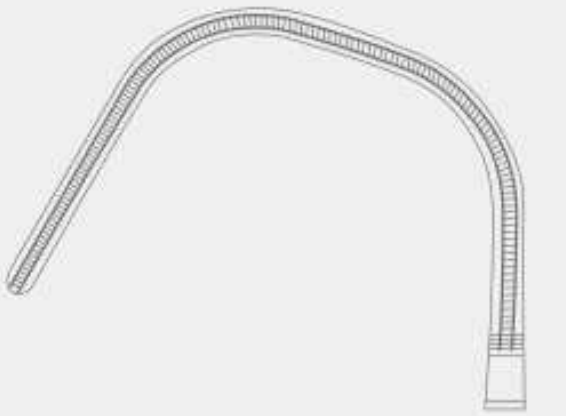
Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





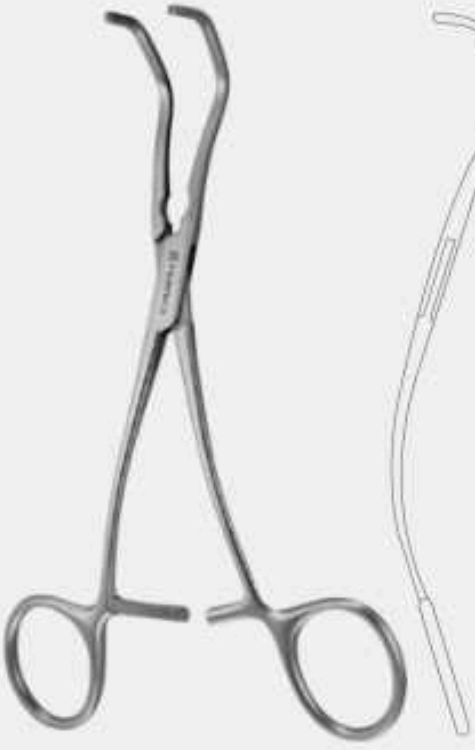
CV-427-21
40 mm



CV-427-22
47 mm

Lambert-Kay Atrauma Anastomosis Clamp
Overall Length 22.5 cm (8 ¾")

Atrauma™





CV-429-17
DeBakey Atrauma Anastomosis Clamp
24 mm
Overall Length 16.5 cm (6 ½")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





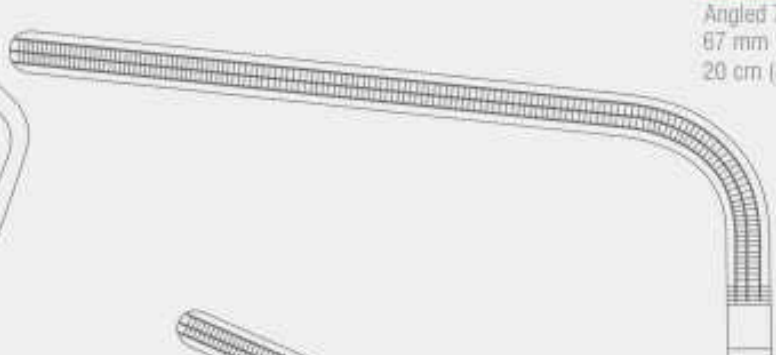
Morris-DeBakey Atrauma Aortic Clamp

Atrauma™

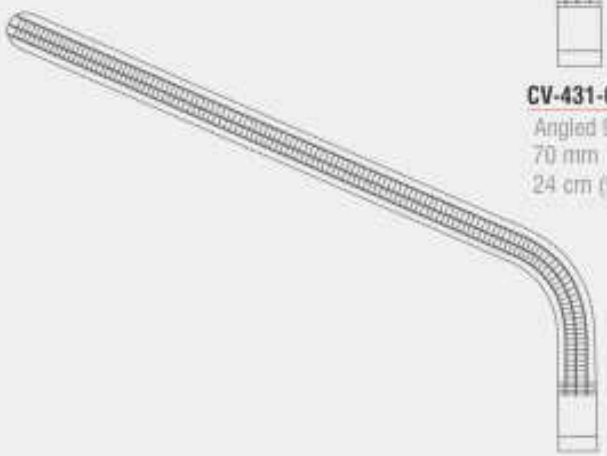


CV-431-01
Angled 90°
67 mm
16.5 cm (6 ½")

CV-431-02
Angled 70°
67 mm
20 cm (8")



CV-431-03
Angled 90°
70 mm
24 cm (9 ½")



CV-431-04
Angled 70°
70 mm
26 cm (10 ¼")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-433-23
70 mm
23.5 cm (9 ¼")

CV-433-24
75 mm
24.5 cm (9 ¾")

CV-433-25
85 mm
25.5 cm (10")

DeBakey-Bahnson Atrauma Aortic Aneurysm Clamp

Atrauma™

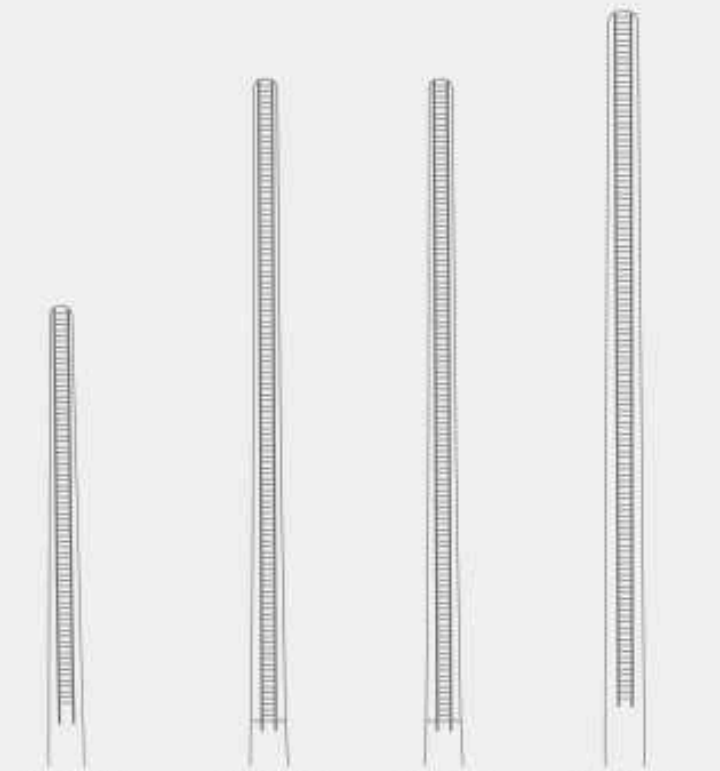
Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





Potts Atrauma Multipurpose Vascular Clamp

Atrauma™

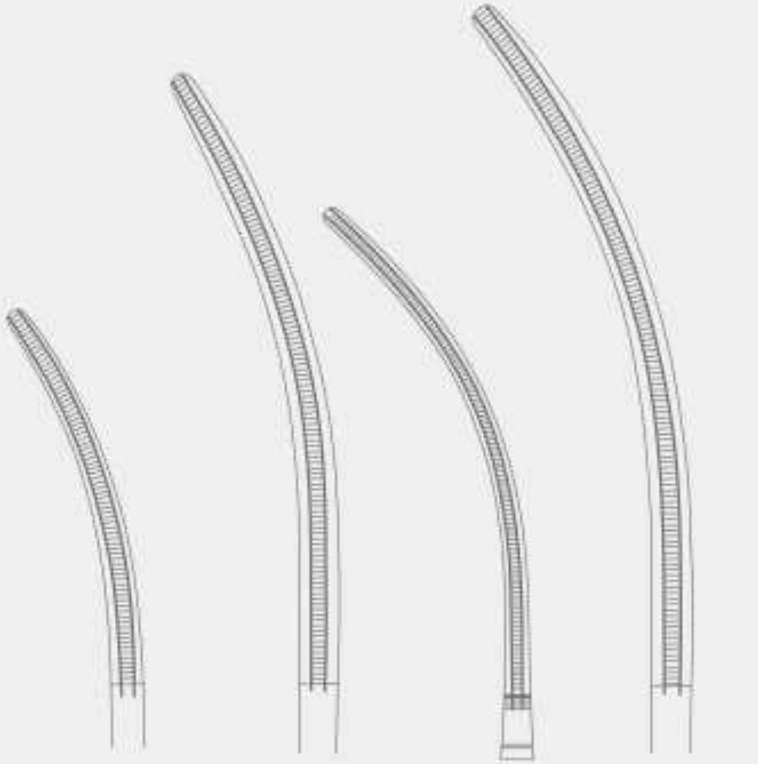


CV-436-21
Straight
60 mm
21.5 cm (8 ½")

CV-436-23
Straight
75 mm
23.5 cm (9")

CV-436-27
Straight
82 mm
27 cm (10 ¾")

CV-436-31
Straight
100 mm
31 cm (12 ¼")



CV-437-21
Curved
60 mm
21 cm (8 ¼")

CV-437-23
Curved
75 mm
23 cm (9")

CV-437-27
Curved
82 mm
26 cm (10 ¼")

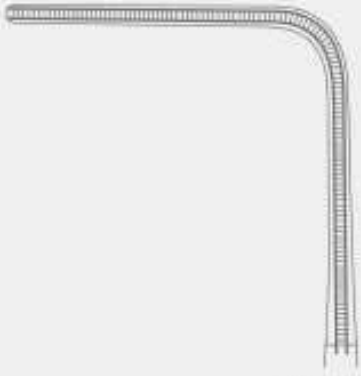
CV-437-31
Curved
100 mm
30.5 cm (12")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



DeBakey Atrauma Multipurpose Vascular Clamp

Atrauma™



CV-439-18
Angled 90°
50 mm
18 cm (7")



CV-439-19
Angled 90°
69 mm
18.5 cm (7 ¼")



CV-439-23
Angled 90°
87 mm
21.5 cm (8 ½")



CV-439-27
Angled 90°
108 mm
25.5 cm (10")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari

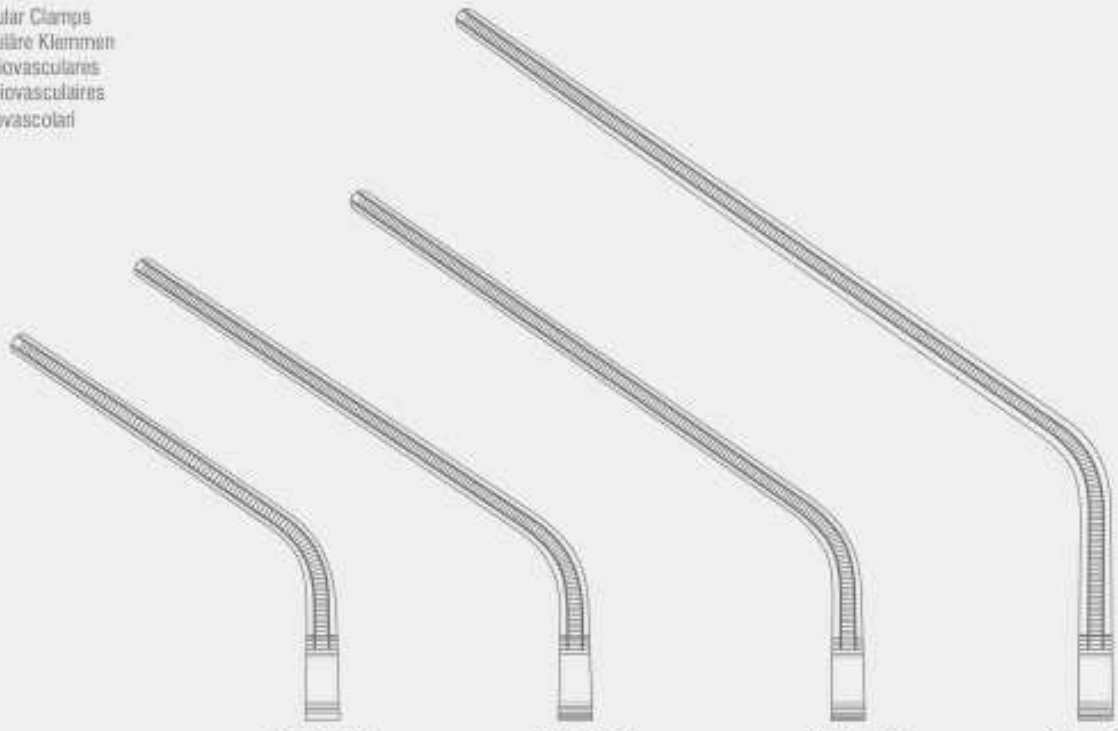


CV-440-25

DeBakey Atrauma Multipurpose Vascular Clamp
Angled 45° Jaw Length 82 mm
Overall Length 26 cm (10 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-441-20
Angled 60°
50 mm
21 cm (8 ¼")

CV-441-21
Angled 60°
70 mm
22 cm (8 ¼")

CV-441-25
Angled 60°
82 mm
26 cm (10 ¼")

CV-441-29
Angled 60°
105 mm
31 cm (12 ¼")



DeBakey Atrauma Multipurpose Vascular Clamp

Atrauma™

Hemostatic Forceps
Blutstillende Pinzette
Pinzas Hemostáticas
Pince hémostatique
Pinza emostatica



CV-444-12
Straight



CV-445-12
Curved

DeBakey-Mosquito Atrauma Hemostatic Forcep
Overall Length 12.5 cm (15")

Atrauma™

Hemostatic Forceps
Blutstillende Pinzette
Pinzas Hemostáticas
Pince hémostatique
Pinza emostatica



DeBakey-Pean Atrauma Hemostatic Forcep

Atrauma™



CV-446-14
Straight
40 mm
14.5 cm (5 ¾")



CV-446-16
Straight
45 mm
16.5 cm (6 ½")



CV-446-18
Straight
50 mm
18.5 cm (7 ¼")



CV-446-20
Straight
55 mm
20.5 cm (8")



CV-447-14
Straight
40 mm
14.5 cm (5 ¾")



CV-447-16
Straight
45 mm
16.5 cm (6 ½")



CV-447-18
Straight
50 mm
18.5 cm (7 ¼")



CV-447-20
Straight
55 mm
20.5 cm (8")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-448-17

DeBakey Atrauma Multipurpose Vascular Clamp
50 mm, Straight 1:2 Teeth
Overall Length 17 cm (6 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-449-16
Angled 30°
30 mm
16.5 cm (6 ½")



CV-450-16
Angled 45°
45 mm
16 cm (6 ¼")



CV-451-15
Angled 60°
30 mm
16 cm (6 ¼")



CV-453-15
Angled 90°
30 mm
14.5 cm (5 ¾")

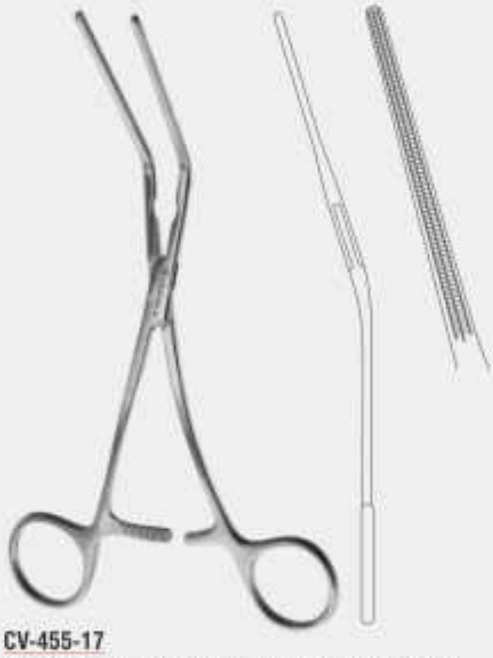


DeBakey Atrauma Multipurpose Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari

1:2



CV-455-17
DeBakey Atrauma Multipurpose Vascular Clamp
Angled 15° 50 mm, 1:2 Teeth
Overall Length 16.5 cm (6 ½")

Atrauma™



CV-457-17
50 mm
17 cm (6 ¼")

CV-459-17
63 mm
17.5 cm (7")

Glover Atrauma Multipurpose Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



DeBakey Atrauma Multipurpose Vascular Clamp

Atrauma™



CV-461-16
40 mm
16.5 cm (6 ½")



CV-463-17
31 mm
17 cm (6 ¾")



Derra Atrauma Multipurpose Vascular Clamp

Atrauma™



CV-465-16
Fig. 1
16 mm
16.5 cm (6 ½")



CV-465-17
Fig. 2
20 mm
17 cm (6 ¾")



CV-465-18
Fig. 3
26 mm
18 cm (7")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





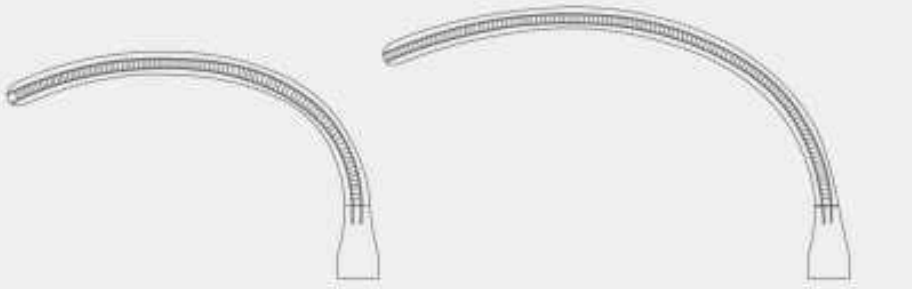
CV-467-20
30 mm
20.5 cm (8")

CV-467-21
45 mm
21 cm (8 ¼")

DeBakey-Beck Atrauma Anastomosis Clamp

Atrauma™





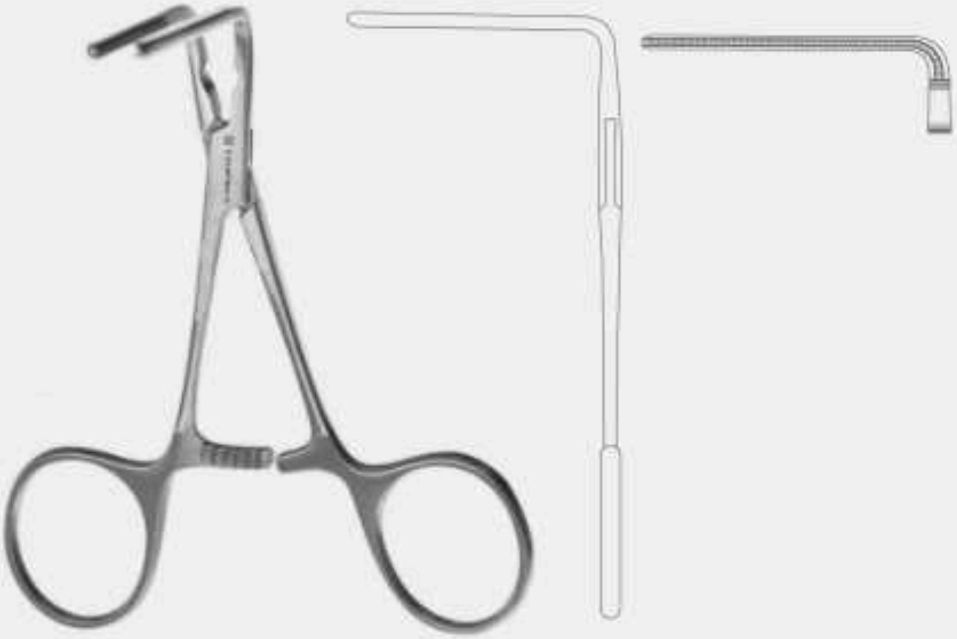
CV-469-18
47 mm
18 cm (7")

CV-469-22
63 mm
22 cm (8 ¾")

Glover Atrauma Anastomosis Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-470-10
DeBakey Atrauma Pediatric Vascular Clamp
Angled 90°, 40 mm
Overall Length 10 cm (4")

Atrauma™



CV-471-11
DeBakey Atrauma Pediatric Vascular Clamp
Curved Jaws, 53 mm
Overall Length 12.5 cm (5")

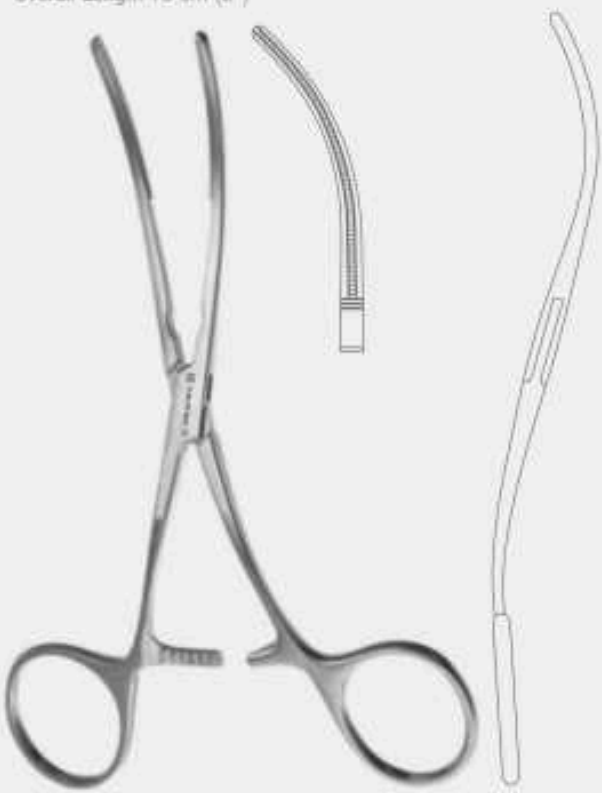
Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-473-12
DeBakey Atrauma Pediatric Vascular Clamp
Straight Jaws, 53 mm
Overall Length 13 cm (5")

Atrauma™



CV-475-12
DeBakey Atrauma Pediatric Vascular Clamp
Curved S Shaped, 53 mm
Overall Length 12.5 cm (5")

Atrauma™



CV-477-13
DeBakey Atrauma Pediatric Vascular Clamp
Angled 45°, 40 mm
Overall Length 12.5 cm (5")

Atrauma™



CV-481-01
25 mm
15 cm (6")



CV-481-02
30 mm
15.5 cm (6")

Cooley-Beck Atrauma Anastomosis Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-482-01
Straight
32 mm
14.5 cm (5 ¾")



CV-483-02
Angled 15°
32 mm
14.5 cm (5 ¾")

Cooley Atrauma Pediatric Vascular Clamp

Atrauma™



CV-483-03
Cooley Atrauma Pediatric Vascular Clamp
32 mm
Overall Length 14 cm (5 ½")

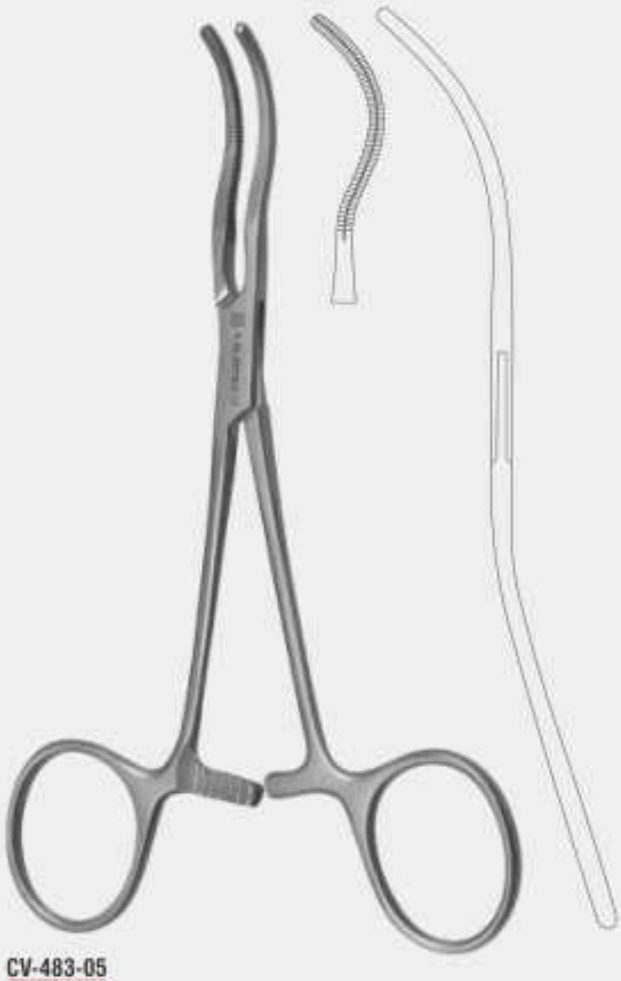
Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-483-04
Cooley Atrauma Pediatric Vascular Clamp
18 mm
Overall Length 14 cm (5 ½")

Atrauma™



CV-483-05
Cooley Atrauma Pediatric Vascular Clamp
30 mm
Overall Length 14.5 cm (5 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-483-06
Cooley Atrauma Pediatric Vascular Clamp
30 mm
Overall Length 14 cm (5 ½")

Atrauma™



CV-483-07
Cooley Atrauma Pediatric Vascular Clamp
Angled 90°, 41 mm
Overall Length 10 cm (4")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-483-08
50 mm
Straight

CV-483-09
50 mm
Curved

Cooley Atrauma Pediatric Vascular Clamp
Overall Length 12.5 cm (5")

Atrauma®



CV-483-10
Cooley Atrauma Pediatric Vascular Clamp
52 mm
Overall Length 12.5 cm (5")

Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-483-11
Cooley Atrauma Pediatric Vascular Clamp
50 mm
Overall Length 12 cm (5")

Atrauma™



CV-485-21
DeBakey Atrauma Anastomosis Clamp
Iliac Clamp, 68 mm
Overall Length 22 cm (8 ¾")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-488-16
41 mm
16 cm (6 ¼")

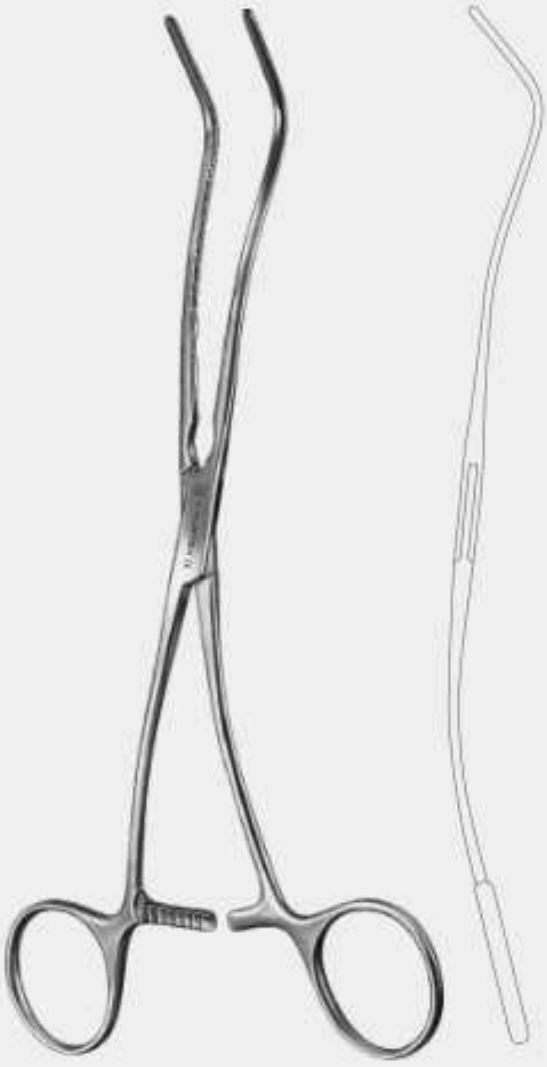


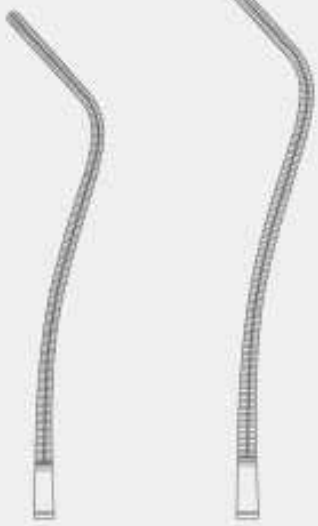
CV-488-17
52 mm
17 cm (6 ¾")

Cooley Atrauma Anastomosis Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-491-18
74 mm
18.5 cm (7 ¼")

CV-491-20
86 mm
20 cm (8")

Cooley Atrauma Anastomosis Clamp
Carotid Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-493-17
Cooley Atrauma Anastomosis Clamp
17 mm
Overall Length 17 cm (6 ¾")

Atrauma™



CV-495-16
Cooley Atrauma Anastomosis Clamp
20 mm
Overall Length 16 cm (6 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-497-15
Angled 90°
37 mm
14 cm (5 ½")



CV-499-16
Angled 60°
35 mm
16 cm (6 ¼")

Cooley Atrauma Multipurpose Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-501-17
Cooley Atrauma Multipurpose Vascular Clamp
Angled 30°, 35 mm
Overall Length 16,5 cm (6 ½")

Atrauma™



CV-503-16
41 mm
16 cm (6 ¼")

CV-503-17
52 mm
17 cm (6 ¾")

Cooley Atrauma Multipurpose Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-505-17
Cooley Atrauma Multipurpose Vascular Clamp
52 mm
Overall Length 17 cm (6 ¾")

Atrauma™



CV-507-17
Cooley Atrauma Multipurpose Vascular Clamp
63 mm
Overall Length 17.5 cm (7")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-509-16
36 mm
16.5 cm (6 ½")



CV-509-17
44 mm
17 cm (6 ¾")

Cooley Atrauma Multipurpose Vascular Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-511-16
16 mm
16.5 cm (6 ½")



CV-511-17
21 mm
17 cm (6 ¾")



CV-511-18
27 mm
17.5 cm (7")

Cooley-Derra Atrauma Anastomosis Clamp

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari

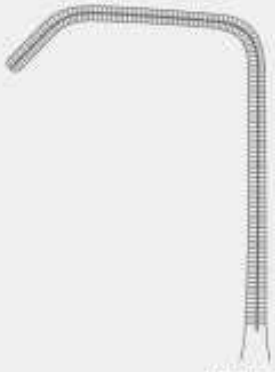


Cooley-Beck Atrauma Anastomosis Clamp

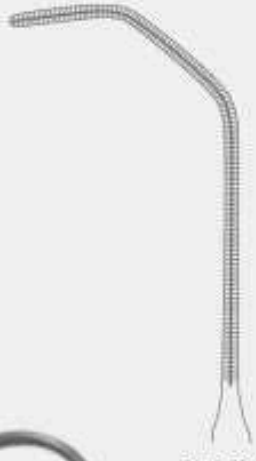
Atrauma™



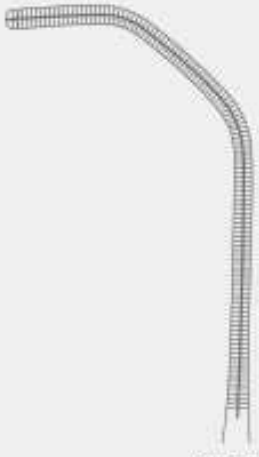
CV-513-15
25 mm
16.5 cm (6 ½")



CV-513-16
28 mm
16.5 cm (6 ½")



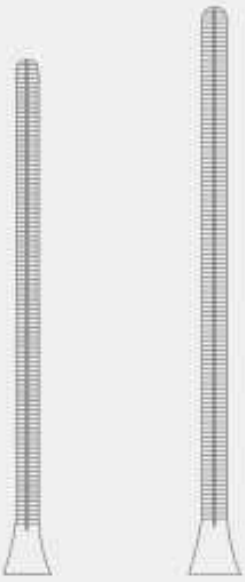
CV-513-17
33 mm
17 cm (6 ¾")



CV-513-18
36 mm
18 cm (7")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-515-22
68 mm
22.5 cm (8 ¾")

CV-515-27
75 mm
27 cm (10 ¾")

Cooley Atrauma Multipurpose Vascular Clamp

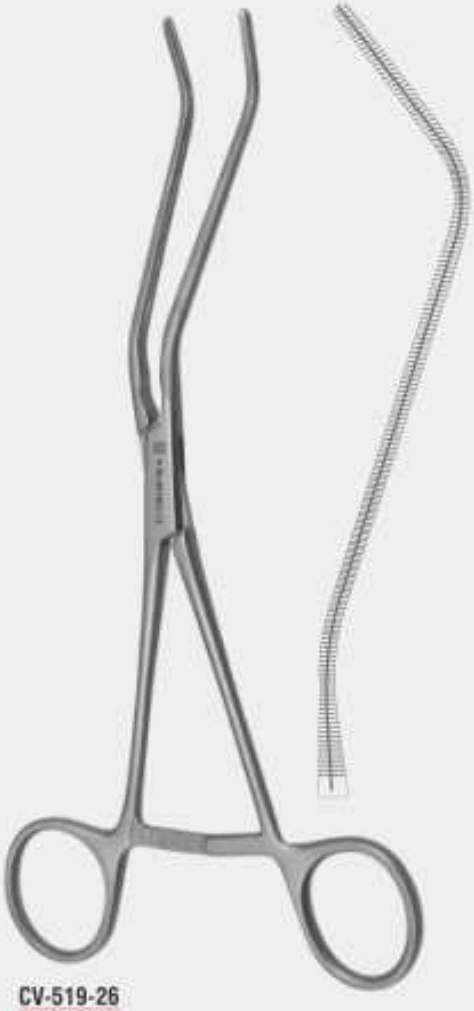
Atrauma™



CV-517-20
Leitz Atrauma Anastomosis Clamp
43 mm
Overall Length 20.5 cm (8")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-519-26
Cooley Atrauma Anastomosis Clamp
108 mm
Overall Length 26 cm (10 ¼")

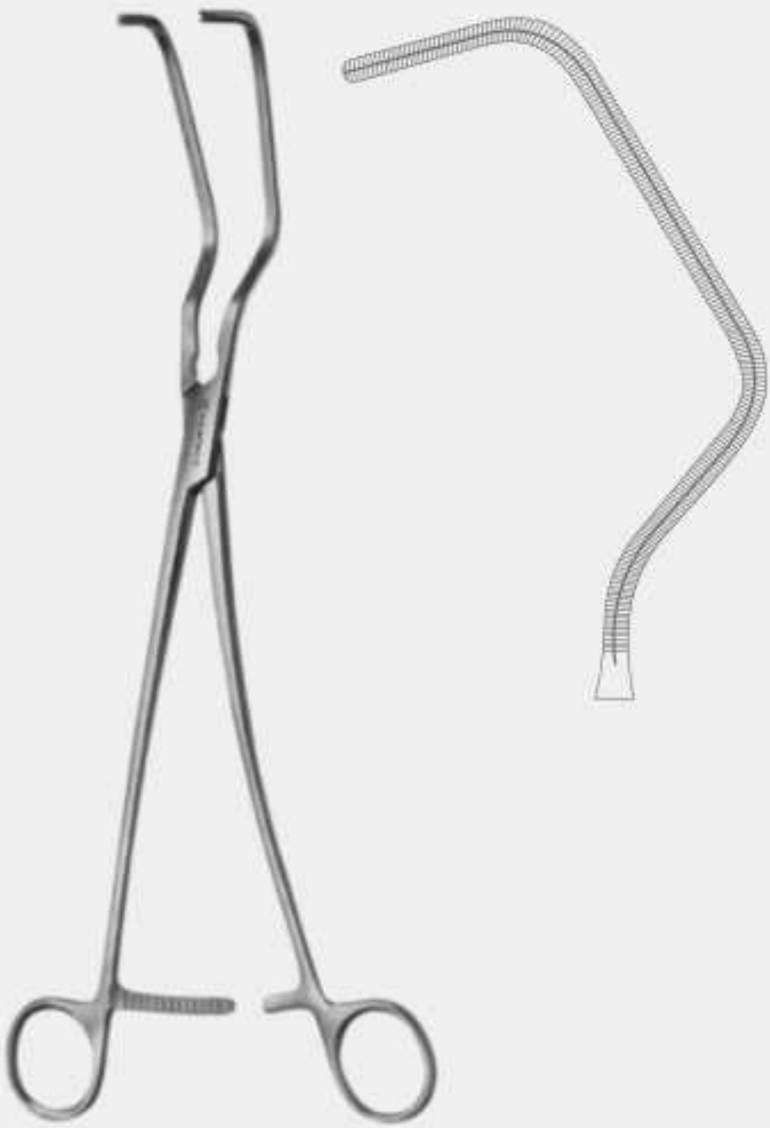
Atrauma™



CV-521-26
Cooley Atrauma Anastomosis Clamp
58 mm
Overall Length 26 cm (10 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-523-29
Cooley-Parry Atrauma Anastomosis Clamp
70 mm
Overall Length 29.5 cm (11 ½")

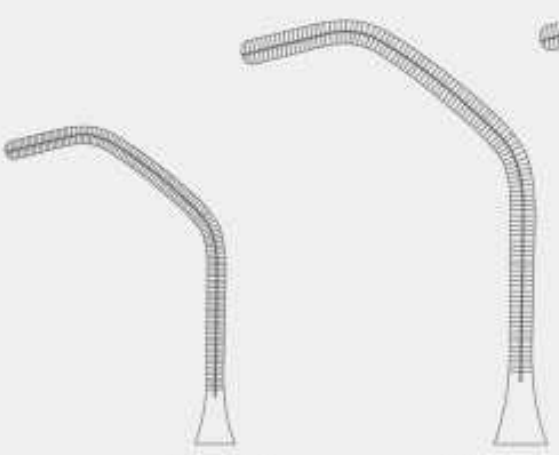
Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



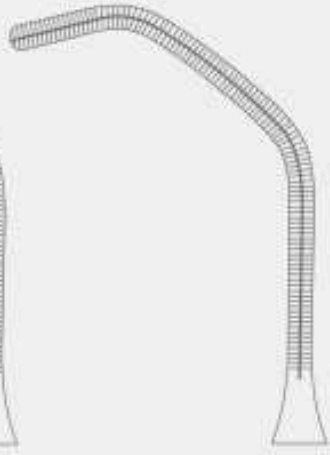
Cooley Atrauma Anastomosis Clamp

Atrauma™

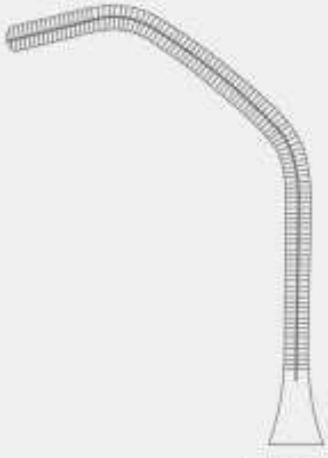


CV-525-01
31 mm
20,5 cm (8")

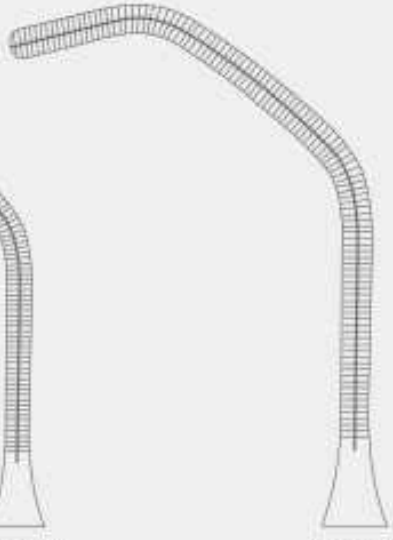
CV-525-02
44 mm
26 cm (10 ¼")



CV-525-03
50 mm
26,5 cm (10 ½")

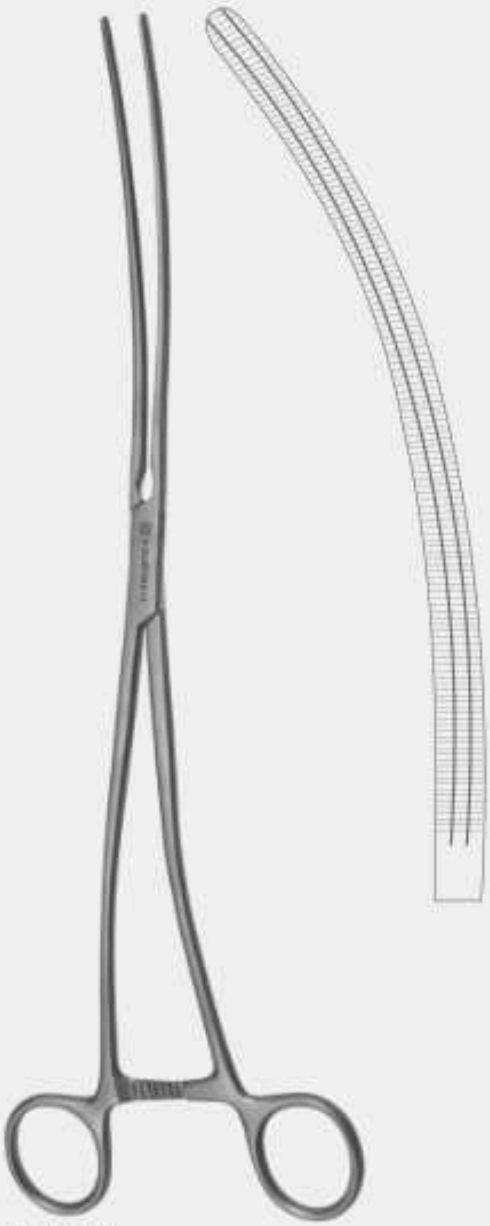


CV-525-04
63 mm
26,5 cm (10 ½")



CV-525-05
78 mm
27,5 cm (10 ¾")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-527-32
Cooley Atrauma Aortic Clamp
115 mm
Overall Length 32 cm (12 ½")

Atrauma™



CV-529-28
Cooley Atrauma Multipurpose Vascular Clamp
82 mm
Overall Length 28.5 cm (11 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-535-15
Subramanian-Miniature Atrauma Aortic Clamp
Angled 135°, 30 mm
Overall Length 15.5 cm (6")

Atrauma™





CV-537-01
Right



CV-537-02
Left

Subramanian Atrauma Aortic Clamp
Overall Length 16 cm (6 ¼")

Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-541-01
Straight
Fig. 1, 50 mm
13.5 cm (5 ¼")



CV-541-02
Angled 30°
Fig. 2, 33 mm
13.5 cm (5 ¼")



CV-541-03
Angled 45°
Fig. 3, 31 mm
14 cm (5 ½")



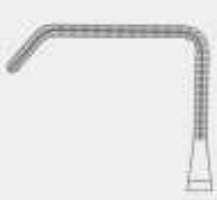
CV-541-04
Angled 60°
Fig. 4, 31 mm
13.5 cm (5 ¼")



CV-541-05
Curved
Fig. 5, 50 mm
13.5 cm (5 ¼")



CV-541-06
13 mm, Fig. 6
12.5 cm (5")



CV-541-07
24 mm, Fig. 7
13 cm (5")



Cooley Atrauma Pediatric Clamp

Atrauma™



CV-541-08
19 mm, Fig. 8
13.5 cm (5 ¼")



CV-541-09
12 mm, Fig. 9
13 cm (5")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-544-16
Cooley Atrauma Pediatric Clamp
52 mm
Overall Length 16.5 cm (6 ½")

Atrauma®

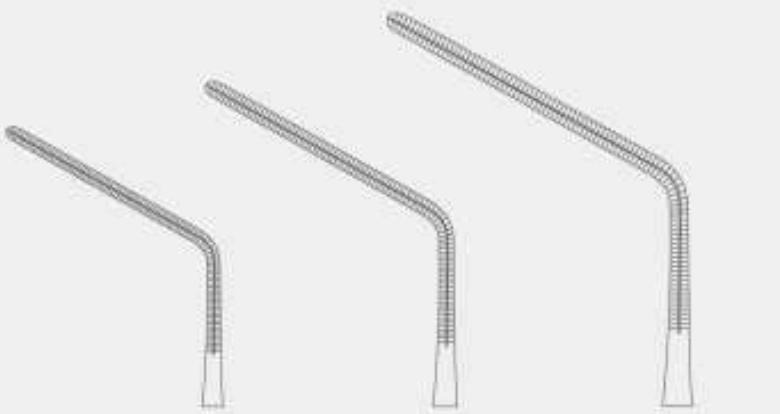


CV-545-16
Cooley Atrauma Pediatric Clamp
35 mm
Overall Length 16 cm (6 ¼")

Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari





CV-547-16
Angled 60°
40 mm
15.5 cm (6")

CV-547-17
Angled 60°
52 mm
17 cm (7 ¼")

CV-547-18
Angled 60°
70 mm
18.5 cm (7 ¼")

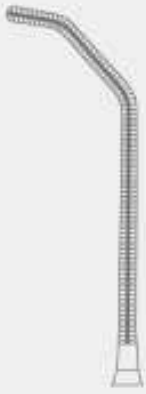
Cooley Atrauma Pediatric Clamp

Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-549-15
23 mm
15.5 cm (6")



CV-551-16
24 mm
16 cm (6 ¼")

Cooley Atrauma Pediatric Clamp

Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Castaneda Atrauma Neonatal Vascular Clamp

Atrauma®



CV-553-01
Angled 30°
33 mm
12.5 cm (5")

CV-553-02
Angled 45°
31 mm
11.5 cm (4 ½")



CV-553-03
Angled 90°
41 mm
11 cm (4 ⅓")



CV-555-01
15 mm
11.5 cm (4 ½")



CV-555-02
18 mm
12 cm (4 ¾")



CV-555-03
23 mm
12 cm (4 ¾")



CV-557-04
25 mm
12 cm (4 ¾")

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-561-01
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shank, Jaw Length 14 mm With 6 mm Jaws
Overall Length 10.5 cm (4")

Atrauma®



CV-561-01 T
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shank, Jaw Length 14 mm With 6 mm Jaws
Overall Length 10.5 cm (4")

TITANIUM Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-561-02
DeBakey Atrauma Neonatal Vascular Clamp
Straight Shank With Spoon Shaped
Jaw Length 14 mm With 6 mm Jaws
Overall Length 10.5 cm (4")

Atrauma™



CV-561-02 T
DeBakey Atrauma Neonatal Vascular Clamp
Straight Shank With Spoon Shaped
Jaw Length 14 mm With 6 mm Jaws
Overall Length 10.5 cm (4")

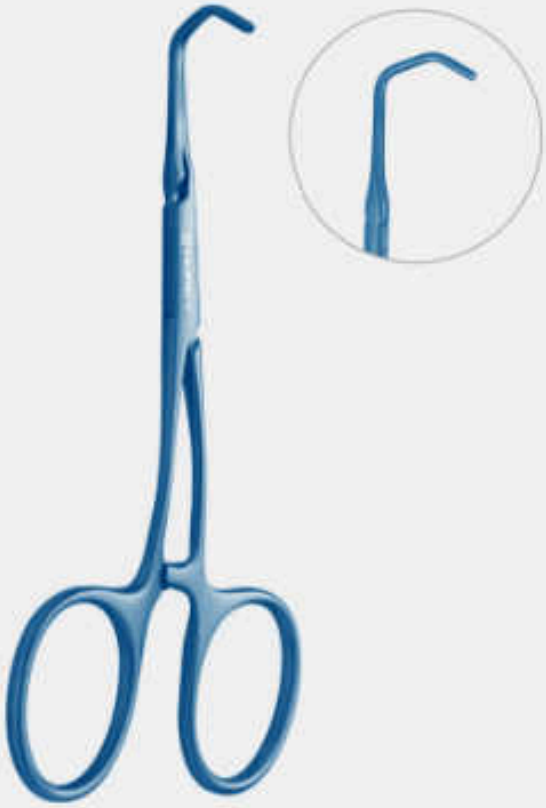
TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-561-03
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shanks
Jaw Length 16 mm With 9 mm Jaws
Overall Length 10.5 cm (4")

Atrauma



CV-561-03 T
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shanks
Jaw Length 16 mm With 9 mm Jaws
Overall Length 10.5 cm (4")

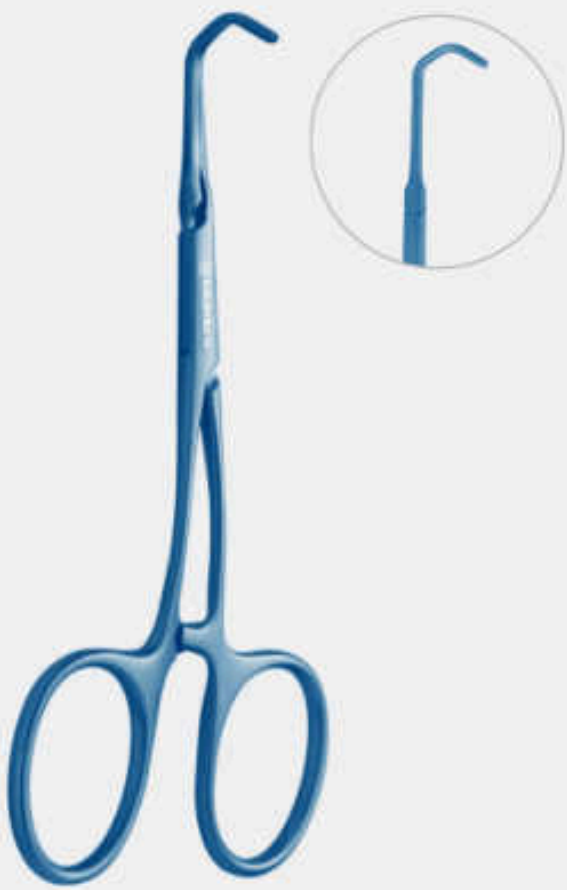
TITANIUM Atrauma

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-561-04
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shanks
Jaw Length 22 mm With 6 mm Jaws
Overall Length 11.5 cm (4 ½")

Atrauma™



CV-561-04 T
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shanks
Jaw Length 22 mm With 6 mm Jaws
Overall Length 11.5 cm (4 ½")

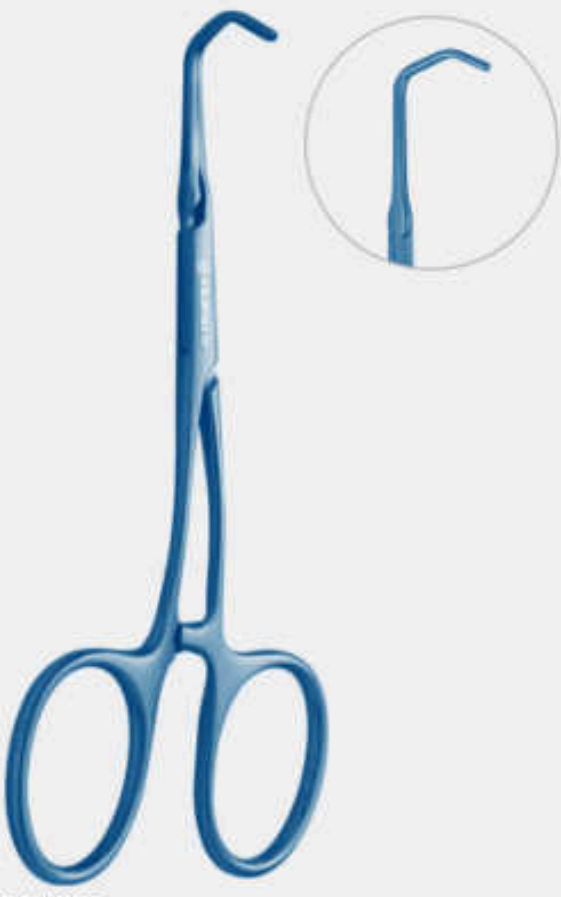
TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-561-05
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shanks
Jaw Length 20 mm With 9 mm Jaws
Overall Length 11.5 cm (4 ½")

Atrauma™



CV-561-05 T
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angled Shanks
Jaw Length 20 mm With 9 mm Jaws
Overall Length 11.5 cm (4 ½")

TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-561-06
DeBakey Atrauma Neonatal Vascular Clamp
Straight Shanks With Spoon Shaped
Jaw Length 28 mm With 6 mm Jaws
Overall Length 12 cm (4 ¾")

Atrauma™



CV-561-06 T
DeBakey Atrauma Neonatal Vascular Clamp
Straight Shanks With Spoon Shaped
Jaw Length 26 mm With 6 mm Jaws
Overall Length 12 cm (4 ¾")

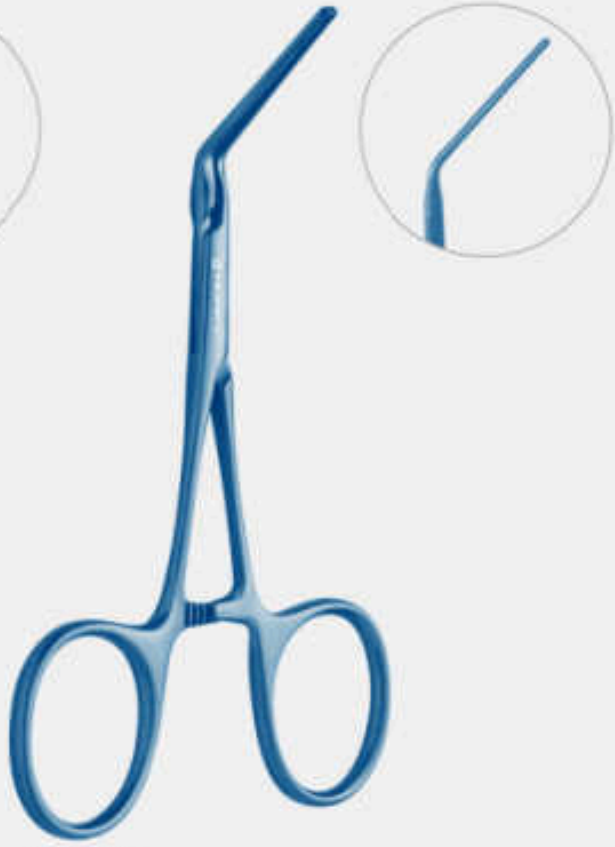
TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-563-01
DeBakey Atrauma Neonatal Vascular Clamp
45° Angles Jaws
Jaw Length 25 mm
Overall Length 11 cm (4 ¼")

Atrauma™



CV-563-01 T
DeBakey Atrauma Neonatal Vascular Clamp
45° Angles Jaws
Jaw Length 25 mm
Overall Length 11 cm (4 ¼")

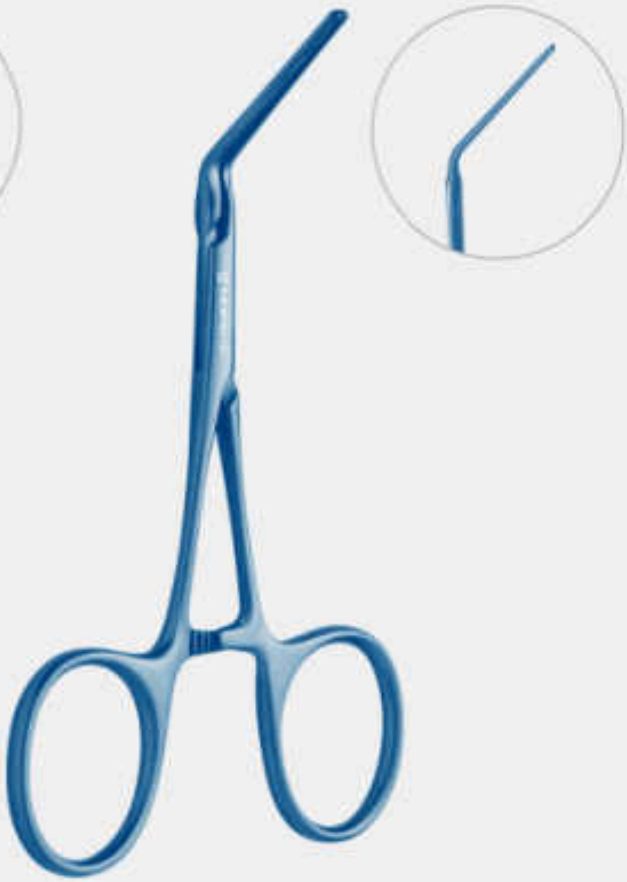
TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-563-02
DeBakey Atrauma Neonatal Vascular Clamp
45° Angles Jaws
Jaw Length 30 mm
Overall Length 11.5 cm (4 ½")

Atrauma™



CV-563-02 T
DeBakey Atrauma Neonatal Vascular Clamp
45° Angles Jaws
Jaw Length 30 mm
Overall Length 11.5 cm (4 ½")

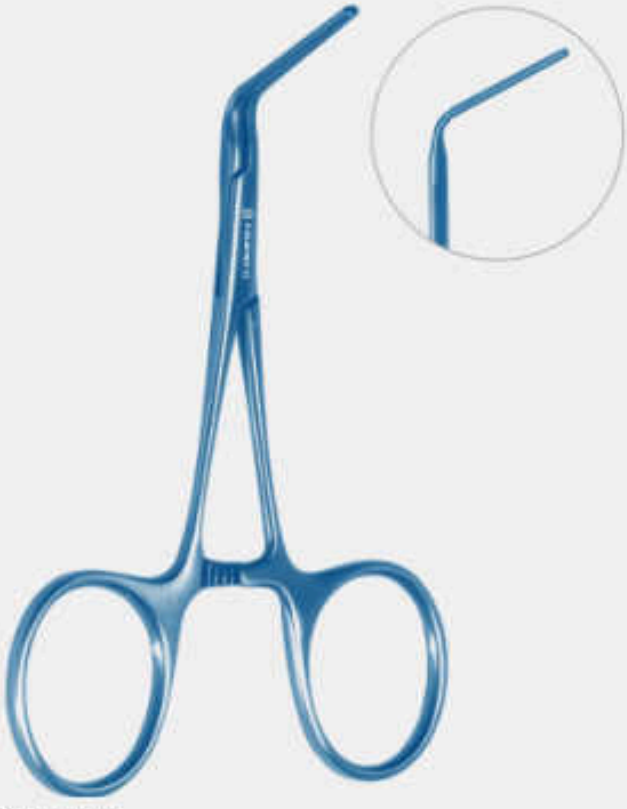
TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-563-03
DeBakey Atrauma Neonatal Vascular Clamp
60° Angles Jaws
Jaw Length 23 mm
Overall Length 10.5 cm (4")

Atrauma™



CV-563-03 T
DeBakey Atrauma Neonatal Vascular Clamp
60° Angles Jaws
Jaw Length 23 mm
Overall Length 10.5 cm (4")

TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-564-01
DeBakey Atrauma Neonatal Vascular Clamp
Straight Shanks
Jaw Length 30 mm
Overall Length 12 cm (4 ¾")

Atrauma™



CV-564-01 T
DeBakey Atrauma Neonatal Vascular Clamp
Straight Shanks
Jaw Length 30 mm
Overall Length 12 cm (4 ¾")

TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-565-01
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angles Shanks
Jaw Length 30 mm
Overall Length 12 cm (4 ¾")

Atrauma™



CV-565-01 T
DeBakey Atrauma Neonatal Vascular Clamp
Slightly Angles Shanks
Jaw Length 30 mm
Overall Length 12 cm (4 ¾")

TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-565-02
DeBakey Atrauma Neonatal Vascular Clamp
Angled Shanks
Jaw Length 22 mm
Overall Length 11 cm (4 ¼")

Atrauma™



CV-565-02 T
DeBakey Atrauma Neonatal Vascular Clamp
Angled Shanks
Jaw Length 22 mm
Overall Length 11 cm (4 ¼")

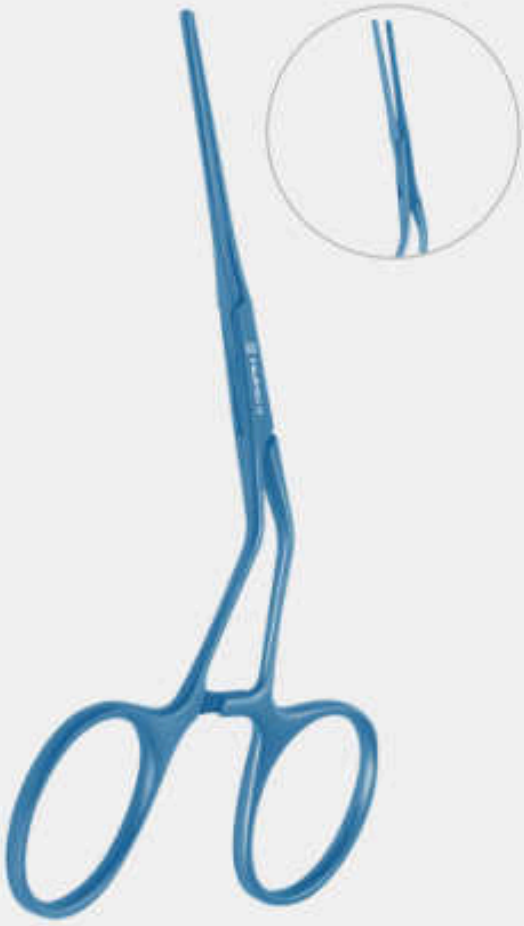
TITANIUM Atrauma™

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



CV-565-03
DeBakey Atrauma Neonatal Vascular Clamp
Angled Shanks
Jaw Length 30 mm
Overall Length 12 cm (4 ¾")

Atrauma®



CV-565-03 T
DeBakey Atrauma Neonatal Vascular Clamp
Angled Shanks
Jaw Length 30 mm
Overall Length 12 cm (4 ¾")

TITANIUM Atrauma®

Cardiovascular Clamps
Kardiovaskuläre Klemmen
Pinzas cardiovasculares
Pinces cardiovasculaires
Pinze cardiovascolari



Bailey Aortic Valve Rongeur
Overall Length 12 cm (4 ¾")

CV-591-01
Straight
Bite Size 3 x 7

CV-591-02
25° Down Shaft Length
Bite Size 3 x 7

CV-591-03
70° Down Shaft Length
Bite Size 3 x 7

CV-591-04
90° Down Shaft Length
Bite Size 3 x 7

CV-591-05
45° Left Shaft Length
Bite Size 3 x 7

CV-591-06
45° Right Shaft Length
Bite Size 3 x 7

CV-591-07
25° Up Shaft Length
Bite Size 3 x 7

Vascular Dilators
Gefäßdilatatoren
Dilatadores vasculares
Dilatateurs vasculaires
Dilatatori vascolari



CV-601-00
Tubbs Aortic Dilator
With Fixation Screw Standard, 8 - 42 mm



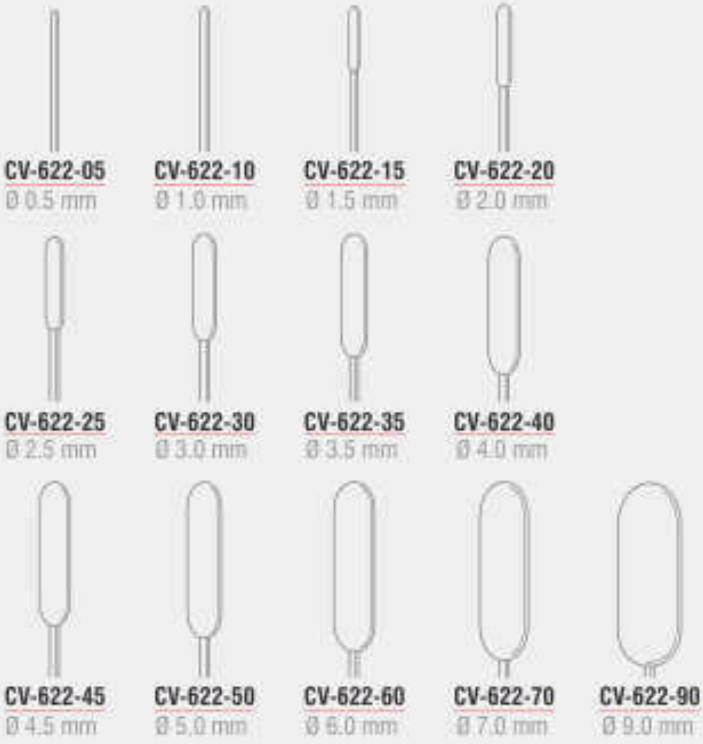
CV-610-00
Cooley Vascular Dilator (Malleable)
Set of 8 Ref: CV-612-05 to CV-612-50
Overall Length 13 cm (5")

CV-612-05	Ø 0.5 mm
CV-612-10	Ø 1.0 mm
CV-612-15	Ø 1.5 mm
CV-612-20	Ø 2.0 mm
CV-612-25	Ø 2.5 mm
CV-612-30	Ø 3.0 mm
CV-612-40	Ø 4.0 mm
CV-612-50	Ø 5.0 mm

Vascular Dilators
Gefäßdilatatoren
Dilatadores vasculares
Dilatateurs vasculaires
Dilatatori vascolari



CV-620-00
DeBakey Vascular Dilator (Malleable)
Set of 12 Ref: CV-622-05 to CV-622-90
Overall Length 19 cm (7 ½")



CV-622-05 Ø 0.5 mm
CV-622-10 Ø 1.0 mm
CV-622-15 Ø 1.5 mm
CV-622-20 Ø 2.0 mm
CV-622-25 Ø 2.5 mm
CV-622-30 Ø 3.0 mm
CV-622-35 Ø 3.5 mm
CV-622-40 Ø 4.0 mm
CV-622-45 Ø 4.5 mm
CV-622-50 Ø 5.0 mm
CV-622-60 Ø 6.0 mm
CV-622-70 Ø 7.0 mm
CV-622-90 Ø 9.0 mm



CV-630-00
Garret Vascular Dilator (Malleable)
Set of 9 Ref: CV-632-10 to CV-632-50
Overall Length 14 cm (5 ½")

CV-632-05 Ø 0.5 mm
CV-632-10 Ø 1.0 mm
CV-632-15 Ø 1.5 mm
CV-632-20 Ø 2.0 mm
CV-632-25 Ø 2.5 mm
CV-632-30 Ø 3.0 mm
CV-632-35 Ø 3.5 mm
CV-632-40 Ø 4.0 mm
CV-632-45 Ø 4.5 mm
CV-632-50 Ø 5.0 mm

CV-640-00
Garret Vascular Dilator (Malleable)
Set of 9 Ref: CV-642-00 to CV-642-50
Overall Length 22 cm (8 ¼")

CV-642-10 Ø 1.0 mm
CV-642-15 Ø 1.5 mm
CV-642-20 Ø 2.0 mm
CV-642-25 Ø 2.5 mm
CV-642-30 Ø 3.0 mm
CV-642-35 Ø 3.5 mm
CV-642-40 Ø 4.0 mm
CV-642-45 Ø 4.5 mm
CV-642-50 Ø 5.0 mm



Tunneling Set
Tunnelier-Set
Juego para tunelar
Jeu pour tunneliser
Set per tunnelare

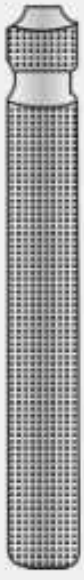


CV-700-00

Martin Vascular Tunneling Set

Set Contents

1 - Handle for Tunneling Set
2 - Tunneling Shafts x 3
3 - Tunneling Tip x 4 (6 mm, 8 mm, 10 mm, 12 mm)
4 - Vein Tip x 1
5 - Luer Adapter
6 - Storage Case Stainless



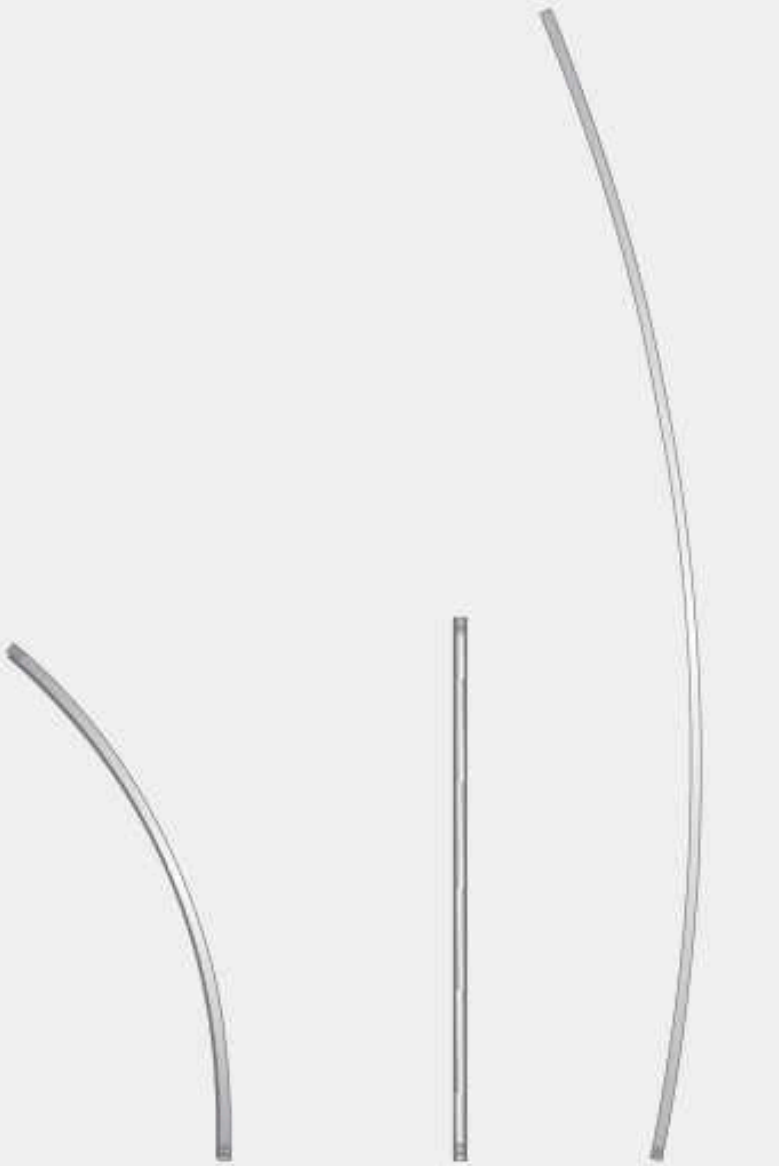
CV-702-01

Universal Handle for Martin Tunneling Set

Overall Length 12.5 cm (5")

Tunneling Set
Tunneller-Set
Juego para tunelar
Jeu pour tunneliser
Set per tunnelare





CV-702-05
24.5 cm (9 ¾")

CV-702-06
24.5 cm (9 ¾")

CV-702-11
55.5 cm (21 ¾")

Tunneling Shaft

Tunneling Set
Tunneller-Set
Juego para tunelar
Jeu pour tunneliser
Set per tunnelare

Screw Olive Tip



CV-702-56
Ø 6.0 mm



CV-702-58
Ø 8.0 mm



CV-702-60
Ø 10.0 mm



CV-702-62
Ø 12.0 mm



Vein Tip
CV-702-65
Standard



Luer Adapter
CV-702-70
Standard

Fasciotomy Knife
Fasziotomiemesser
Cuchillo para fasciotomia
Couteau pour fasciotomie
Bisturi per fasziotomia



CV-702-99
Wrench
Overall Length 10 cm (4")



CV-720-00
Ross Ventricular Vent
Bullet Shaped
Set of 3
Ø 5.0, Ø 6.5, Ø 7.5 mm

CV-720-01
Bullet Shaped
Small, Ø 5.0

CV-720-02
Bullet Shaped
Small, Ø 6.5

CV-720-03
Bullet Shaped
Small, Ø 7.5



CV-751-01
Hach Fasciotomy Knife
Ferrozell Handle
Overall Length 30 cm (11 ¾")

Fasciotomy Spatulas
Fasziotomiespatel
Espátulas para fasciotomía
Spatule pour fasciotomie
Spatole per fasziotomia



Hach Fasciotomy Spatula
Overall Length 30 cm (11 ¾")



CV-756-25
25 mm



CV-756-32
32 mm



CV-756-40
40 mm



CV-756-52
52 mm

Intima Spatulas
Intimaspatel
Espátulas para la intima
Spatules pour la tunique interne
Spatole per intima





Lemmon Intima Spatula
Overall Length 16 cm (6 ⅛")



1/1
CV-759-01
Slightly Curved



1/1
CV-759-02
Medium Curved



1/1
CV-759-03
Strongly Curved



Intima Spatula
Blunt



CV-771-18
18.5 cm (7 ¼")



CV-771-21
21.5 cm (8 ½")

Vascular Dissectors
Gefäßdissektoren
Disecadores vasculares
Disecteurs vasculaires
Dissettori vascolari



Intima Spatula



CV-773-14
Blunt
14 cm (5 ½")



CV-773-24
Blunt
23.5 cm (9 ¼")



Robb Vascular Dissector
Overall Length 24 cm (9 ½")



CV-775-01
Fig. 1
5 mm, Ø 2.5 mm



CV-775-02
Fig. 2
4 mm, Ø 2 mm



CV-775-03
Fig. 3
3 mm, Ø 1.5 mm



CV-775-04
Fig. 4
2 mm, Ø 1.0 mm

Tourniquets
Tourniquets
Tourniquetes
Tourniquets
Tornichetti





CV-790-15
1.5 mm

CV-790-20
2.0 mm

CV-790-25
2.5 mm

CV-790-30
3.0 mm

Ligature Catcher
Overall Length 26 cm (10 ¼")



CV-794-27
Rumel-Belmont Tourniquet
Ø 3.2 mm
Overall Length 27 cm (10 ¾")

CV-796-30
Ø 6.4 mm
Overall Length 30.5 cm (12")

Cardiovascular Surgery Sets

SURTEX
INSTRUMENTS

Crafted to Excellence

Web: www.surtex-instruments.com • **E-mail:** sales@surtex-instruments.co.uk

Basic Thoractomy Set

Codes	Description	Quantity
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	2
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SL-020-13	Scalpel Handle No. 3L Solid, Long 21.5 cm - 8 1/2"	1
SS-860-17	UltraCut™ TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut™ TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-905-18	UltraCut™ TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	1
SS-905-23	UltraCut™ TC Metzenbaum Dissecting Scissor Curved 23 cm -9"	1
SS-905-25	UltraCut™ TC Metzenbaum Dissecting Scissor Curved 26 cm - 10 1/4"	1
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	6
AF-221-16	Rochester-Pean Haemostatic Forcep Curved 16 cm - 6 1/4"	8
AF-221-20	Rochester-Pean Haemostatic Forcep Curved 20 cm - 8"	4
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	4
AF-210-14	Crile Haemostatic Forcep Straight 14.5 cm - 5 3/4"	4
AF-211-14	Crile Haemostatic Forcep Curved 14 cm - 5 1/2"	1
FR-010-16	Standard Pattern Dressing Forcep 16 cm - 6 1/4"	6
FR-010-20	Standard Pattern Dressing Forcep 20 cm - 8"	2
FR-200-16	Standard Pattern Dissecting Forcep 1 x 2 Teeth 16 cm - 6 1/4"	2
FR-200-20	Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8"	2
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	2
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	2
SU-600-20	UltraGripX TC Mayo-Hegar Needle Holder 20 cm - 8"	2
SU-600-26	UltraGripX TC Mayo-Hegar Needle Holder 26 cm - 10 1/4"	2
SI-060-16	Babcock Intestinal and Tissue Grasping Forcep 15.5 cm - 6"	1
SI-012-15	Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6"	2
SI-015-15	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6"	4
SI-072-20	Duval Intestinal and Tissue Grasping Forcep Narrow Jaw 20.5 cm - 8"	2
AF-781-13	Lorna Towel Clamp Fine Serrated, Wide Jaw 13 cm - 5"	4
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	2
RT-170-20	Cushing Retractor / Saddle Hook 20.5 cm - 8"	8
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
FR-094-25	Potts-Smith Dressing Forcep 24.5 cm - 9 3/4"	2
FR-592-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.0 mm	2
FR-592-24	DeBakey Atrauma Forcep 24.5 cm - 9 3/4" Tip Size 2.0 mm	2
CV-417-25	Satinsky Atrauma Tangential Occlusion Clamp 26.5 cm - 10 1/2"	2
AF-499-23	Mixter Dissecting and Ligature Forcep Curved 23 cm - 9"	2
AF-471-28	Gemini Dissecting and Ligature Forcep Curved 28 cm - 11"	4
RT-579-21	Parker-Langebeck (US Army) Retractor Set of Fig. 1 (21 mm x 15 / 40 mm x 15 mm) and Fig. 2 (25 mm x 15 / 45 mm x 15 mm) 21.5 cm	4
RT-409-02	Kelly Retractor 26 cm - 10 1/4" Blade Size 62 x 50 mm	1
RT-403-01	Richardson Retractor 23.5 cm - 9 1/4" Blade Size 25 x 21 mm	2
RT-403-02	Richardson Retractor 24 cm - 9 1/2" Blade Size 30 x 29 mm	2
RT-530-40	Abdominal Spatula 33 cm - 13" Blade Width 40 mm	2
RT-530-50	Abdominal Spatula 33 cm - 13" Blade Width 50 mm	1
RT-898-00	Balfour-Standard Retractor Complete With Central Blade Ref:- RT-903-02 20 cm - 8" Spread - Lateral Blades Size 250 mm - 100 x 35 mm	1
AF-311-02	Schnidt Tonsil Haemostatic Forcep Gently Curved 19 cm - 7 1/2"	3
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	3
AF-381-27	Bridge Haemostatic Forcep Curved 27.5 cm - 10 3/4"	3
CV-026-34	Bethune Ribe Shear 34 cm - 13 1/2"	1
OR-682-21	Alexander Periosteal Raspatory / Elevator 21 cm - 8 1/4"	1
OR-680-01	Doyen Rib Raspatory Curved Right - For Adults 17.5 cm - 7"	1
OR-680-02	Doyen Rib Raspatory Curved Left - For Adults 17.5 cm - 7"	1
RT-385-02	Davidson Scapula Retractor 18.5 cm - 7 1/4" Blade Size 80 x 95 mm	1
CV-154-15	Bailey-Baby Rib Contractor 15.5 cm - 6"	1
CV-073-02	Finochietto Rib Spreader For Adults Size of Lateral Blades - Spread 52 x 62 mm - 175 mm Aluminium	1
CV-075-01	Burford Rib Spreader With 2 Pairs of Lateral Blades Size of Lateral Blades 1 - Size of Lateral Blades 2 - Spread 47 x 62 mm - 65 x 62 mm - 200 mm Aluminium	1

Major Cardiovascular Surgery Set

Codes	Description	Quantity
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2"	4
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	4
AF-781-13	Lorna Towel Clamp Fine Serrated, Wide Jaw 13 cm - 5"	4
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SS-861-14	UltraCut TC Mayo Dissecting Scissor Curved 14.5 cm - 5 3/4"	2
SS-041-17	Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	2
SS-860-14	UltraCut TC Mayo Dissecting Scissor Straight 14.5 cm - 5 3/4"	1
SS-281-25	Potts-Smith Vascular Scissor Angled 25° 19 cm - 7 1/2"	1
SS-281-45	Potts-Smith Vascular Scissor Angled 45° 18.5 cm - 7 1/4"	1
SS-991-12	UltraCut TC Universal Wire Cutting Scissor Angled - One Toothed Cutting Edge 12.5 cm - 5"	1
SS-904-18	UltraCut TC Metzenbaum Dissecting Scissor Straight 18 cm - 7"	2
SS-131-14	Metzenbaum Dissecting Scissor Curved - Blunt/Blunt 14.5 cm - 5 3/4"	1
SS-905-18	UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	2
SS-905-20	UltraCut TC Metzenbaum Dissecting Scissor Curved 20.5 cm - 8"	1
FR-094-18	Potts-Smith Dressing Forcep 18 cm - 7"	2
FR-592-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.0 mm	2
FR-590-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 1.5 mm	2
FR-598-16	Cooley Atrauma Forcep 16 cm - 6 1/4" Tip Size 2.0 mm	2
FR-010-18	Standard Pattern Dressing Forcep 18 cm - 7"	3
FR-010-13	Standard Pattern Dressing Forcep 13 cm - 5"	2
FR-200-20	Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8"	2
FR-200-13	Standard Pattern Dissecting Forcep 1 x 2 Teeth 13 cm - 5"	2
FR-330-15	Russian Modell Dissecting Forcep 15 cm - 6"	2
SI-012-15	Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6"	2
SI-060-16	Babcock Intestinal and Tissue Grasping Forcep 15.5 cm - 6"	2
AF-215-16	Crile-Rankin Haemostatic Forcep Curved 17 cm - 6 3/4"	6
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	6
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	6
OR-184-19	UltraGripX TC Berry Wire Twisting Forcep Heavy Pattern - With Tungsten Carbide Inserts 19 cm - 7 1/2"	1
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	3
SU-600-20	UltraGripX TC Mayo-Hegar Needle Holder 20 cm - 8"	4
SU-600-24	UltraGripX TC Mayo-Hegar Needle Holder 24 cm - 9 1/2"	3
AF-862-16	Tubing Clamp With Safety Guard 15.5 cm - 6"	2
AF-501-25	Mixter Dissecting and Ligature Forcep Right Angled - Longitudinally Serrated 26 cm - 10 1/4"	1
AF-499-22	Mixter Dissecting and Ligature Forcep Curved 22.5 cm - 8 3/4"	1
AF-261-18	Coller Haemostatic Forcep Curved 18.5 cm - 7 1/4"	2
AF-230-20	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 20.5 cm - 8"	1
TR-270-22	Poole Suction Tube 22 cm - 8 3/4" Diameter √ò 10.0 mm	1
TR-251-27	Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4"	1
RT-579-21	Parker-Langebeck (US Army) Retractor Set of Fig. 1 (21 mm x 15 / 40 mm x 15 mm) and Fig. 2 (25 mm x 15 / 45 mm x 15 mm) 21.5 cm	2
RT-162-16	Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm	2
RT-174-12	Cushing Retractor / Saddle Hook 24 cm - 9 1/2" Blade Size 12 mm	2
RT-700-26	Adson Self Retaining Retractor 3 x 4 Sharp Prongs 26 cm - 10 1/4"	2
RT-805-15	Gelpi Self Retaining Retractor 15 cm - 6"	2
RT-174-14	Cushing Retractor / Saddle Hook 24 cm - 9 1/2" Blade Size 14 mm	2
RT-571-02	Parker Retractor Set of Fig. 1 and Fig. 2 17.5 cm - 7" Blade Size Fig. 1 / Blade Size Fig. 2 26 x 25 mm - 27 x 25 mm / 29 x 25 mm - 27 x 25 mm	1
CV-395-27	DeBakey Atrauma Aortic Aneurysm Clamp 27 cm - 10 3/4"	2
CV-387-18	Leland-Jones Atrauma Peripheral Vascular Clamp Angled 60° 18 cm - 7"	2
CV-417-26	Satinsky Atrauma Tangential Occlusion Clamp 27.5 cm - 10 3/4"	1
CV-465-18	Derra Atrauma Anastomosis Clamp Fig. 3 18 cm - 7"	1

Coronary Artery Bypass Set

Codes	Description	Quantity
SS-281-25	Potts-Smith Vascular Scissor Angled 25° 19 cm - 7 1/2"	1
SS-281-60	Potts-Smith Vascular Scissor Angled 60° 18 cm - 7"	1
AF-171-12	Micro-Mosquito Haemostatic Forcep Curved 11.5 cm - 4 1/2"	6
SU-588-12	UltraGripX TC Webster Needle Holder Smooth Jaw 13 cm - 5"	1
RT-162-16	Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm	1
RT-163-16	Senn-Miller Retractor Blunt 16 cm - 6 1/4" Blade Size 20 x 7 mm	1
RT-211-04	Volkmann Retractor 4 Blunt Prongs 22 cm - 8 3/4"	1
RT-211-06	Volkmann Retractor 6 Blunt Prongs 22 cm - 8 3/4"	1
RT-712-13	Weitlaner Self Retaining Retractor 3 x 4 Sharp Prongs 13.5 cm - 5 1/4"	1
TR-101-12	Frazier Suction Tube 12 Charr. 19.5 cm - 7 3/4" 4.0 mm	1
CV-250-07	DeBakey Atrauma Bulldog Clamp Straight 7.5 cm - 3"	1
CV-250-10	DeBakey Atrauma Bulldog Clamp Straight 10 cm - 4"	1
CV-251-08	DeBakey Atrauma Bulldog Clamp Curved 8.5 cm - 3 1/4"	1
CV-251-12	DeBakey Atrauma Bulldog Clamp Curved 11 cm - 4 1/4"	1
CV-473-12	DeBakey Atrauma Pediatric Vascular Clamp 13 cm - 5"	2
TR-251-27	Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4"	2
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SS-860-17	UltraCut TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-903-14	UltraCut TC Metzenbaum Dissecting Scissor Curved 14.5 cm - 5 3/4"	1
SS-923-18	UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 18 cm - 7"	2
SS-905-20	UltraCut TC Metzenbaum Dissecting Scissor Curved 20.5 cm - 8"	1
SS-905-28	UltraCut TC Metzenbaum Dissecting Scissor Curved 28.5 cm - 11 1/4"	1
SS-905-30	UltraCut TC Metzenbaum Dissecting Scissor Curved 31 cm - 12 1/4"	1
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	1
FR-294-17	Cushing Dissecting Forcep 1 x 2 Teeth 18 cm - 7"	1
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	6
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	1
AF-201-14	Kelly Haemostatic Forcep Curved 14 cm - 5 1/2"	8
AF-261-16	Coller Haemostatic Forcep Curved 16.5 cm - 6 1/2"	6
AF-221-22	Rochester-Pean Haemostatic Forcep Curved 22 cm - 8 3/4"	4
AF-230-20	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 20.5 cm - 8"	4
AF-497-19	Mixter Dissecting and Ligature Forcep Right Angled 18 cm - 7"	2
AF-177-21	Halsted-Mosquito Haemostatic Forcep Curved 20.5 cm - 8"	2
AF-471-23	Gernini Dissecting and Ligature Forcep Curved 23 cm - 9"	2
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	1
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	8
SU-690-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	2
SU-650-18	UltraGripX TC DeBakey Needle Holder 18 cm - 7"	1
SU-650-23	UltraGripX TC DeBakey Needle Holder 23 cm - 9"	1
RT-400-00	Richardson-Eastman Retractor Set of Fig. 1 and Fig. 2	1
SI-015-25	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 25.5 cm - 10"	1
FR-594-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.8 mm	4
FR-590-16	DeBakey Atrauma Forcep 16 cm - 6 1/4" Tip Size 1.5 mm	1
FR-590-24	DeBakey Atrauma Forcep 24.5 cm - 9 3/4" Tip Size 1.5 mm	1
CV-370-21	Potts Atrauma Coarctation Clamp Straight 21 cm - 8 1/4"	1
CV-441-21	DeBakey Atrauma Multipurpose Vascular Clamp 22 cm - 8 3/4"	2
CV-441-20	DeBakey Atrauma Multipurpose Vascular Clamp 21 cm - 8 1/4"	1
CV-417-24	Satinsky Atrauma Tangential Occlusion Clamp 26 cm - 10 1/4"	1
AF-862-18	Tubing Clamp With Safety Guard 19 cm - 7 1/2"	1
		4

Basic Open Heart Surgery Set

Codes	Description	Quantity
TR-251-27	Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4"	2
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SS-860-17	UltraCut TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-903-14	UltraCut TC Metzenbaum Dissecting Scissor Curved 14.5 cm - 5 3/4"	1
SS-923-18	UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 18 cm - 7"	2
SS-905-20	UltraCut TC Metzenbaum Dissecting Scissor Curved 20.5 cm - 8"	1
SS-905-28	UltraCut TC Metzenbaum Dissecting Scissor Curved 28.5 cm - 11 1/4"	1
SS-905-30	UltraCut TC Metzenbaum Dissecting Scissor Curved 31 cm - 12 1/4"	1
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	1
FR-294-17	Cushing Dissecting Forcep 1 x 2 Teeth 18 cm - 7"	1
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	6
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	1
AF-201-14	Kelly Haemostatic Forcep Curved 14 cm - 5 1/2"	8
AF-261-16	Coller Haemostatic Forcep Curved 16.5 cm - 6 1/2"	6
AF-221-22	Rochester-Pean Haemostatic Forcep Curved 22 cm - 8 3/4"	4
AF-230-20	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 20.5 cm - 8"	4
AF-497-19	Mixter Dissecting and Ligature Forcep Right Angled 18 cm - 7"	2
AF-177-21	Halsted-Mosquito Haemostatic Forcep Curved 20.5 cm - 8"	2
AF-471-23	Gemini Dissecting and Ligature Forcep Curved 23 cm - 9"	2
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	18
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	2
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	1
SU-650-18	UltraGripX TC DeBakey Needle Holder 18 cm - 7"	1
SU-650-23	UltraGripX TC DeBakey Needle Holder 23 cm - 9"	1
RT-400-00	Richardson-Eastman Retractor Set of Fig. 1 and Fig. 2	1
SI-015-25	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 25.5 cm - 10"	4
FR-594-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.8 mm	1
FR-590-16	DeBakey Atrauma Forcep 16 cm - 6 1/4" Tip Size 1.5 mm	1
FR-590-24	DeBakey Atrauma Forcep 24.5 cm - 9 3/4" Tip Size 1.5 mm	1
CV-370-21	Potts Atraurna Coarctation Clamp Straight 21 cm - 8 1/4"	2
CV-441-21	DeBakey Atrauma Multipurpose Vascular Clamp 22 cm - 8 3/4"	1
CV-441-20	DeBakey Atrauma Multipurpose Vascular Clamp 21 cm - 8 1/4"	1
CV-417-24	Satinsky Atrauma Tangential Occlusion Clamp 26 cm - 10 1/4"	1
AF-862-18	Tubing Clamp With Safety Guard 19 cm - 7 1/2"	4

Cardiac Arrest Set

Codes	Description	Quantity
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SS-141-18	Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 18 cm - 7"	1
SS-040-17	Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-041-17	Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
FR-010-13	Standard Pattern Dressing Forcep 13 cm - 5"	2
FR-200-13	Standard Pattern Dissecting Forcep 1 x 2 Teeth 13 cm - 5"	2
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
AF-215-16	Crile-Rankin Haemostatic Forcep Curved 17 cm - 6 3/4"	4
AF-386-20	Heiss Haemostatic Forcep Straight 21 cm - 8 1/4"	2
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	2
SU-600-20	UltraGripX TC Mayo-Hegar Needle Holder 20 cm - 8"	2
CV-096-00	Tuffier Rib Spreader Size of Lateral Blades - Spread 45 x 45 mm - 160 mm	1
CV-158-16	Bailey Rib Contractor Short Claws 20 cm - 8"	1
CV-507-17	Cooley Atrauma Multipurpose Vascular Clamp 17.5 cm - 7"	1

Cardiac Catheterisation Set

Codes	Description	Quantity
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	12
AF-201-14	Kelly Haemostatic Forcep Curved 14 cm - 5 1/2"	12
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2"	12
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SS-006-14	Operating Scissor Straight - Sharp/Sharp 14.5 cm - 5 3/4"	2
SS-131-14	Metzenbaum Dissecting Scissor Curved - Blunt/Blunt 14.5 cm - 5 3/4"	1
SS-141-18	Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 18 cm - 7"	2
SU-594-15	UltraGripX TC Crile-Wood Needle Holder 15 cm - 6"	2
AF-495-18	Mixter-Baby Dissecting and Ligature Forcep Curved 18.5 cm - 7 1/4"	2
FR-050-12	Adson Dressing Forcep 12 cm - 4 3/4"	2
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
SF-350-18	Foerster Sponge Holding Forcep Straight 18 cm - 7"	8
SS-281-45	Potts-Smith Vascular Scissor Angled 45° 18.5 cm - 7 1/4"	1
RT-162-16	Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm	2
RT-807-18	Gelpi Self Retaining Retractor 18 cm - 7"	1
RT-012-01	Gillies Skin Hook Fig. 1 18 cm - 7"	2
RT-074-05	Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 5.0 mm	2
CV-439-18	DeBakey Atrauma Multipurpose Vascular Clamp 18 cm - 7"	2

Pacemaker Set

Codes	Description	Quantity
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	2
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SS-860-17	UltraCut TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-931-14	UltraCut TC Metzenbaum-Lahey Dissecting Scissor - Slender Pattern Curved 14.5 cm - 5 3/4"	1
SS-905-18	UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	1
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	4
AF-497-15	Mixter Dissecting and Ligature Forcep Right Angled 16 cm - 6 1/4"	2
AF-221-16	Rochester-Pean Haemostatic Forcep Curved 16 cm - 6 1/4"	4
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	4
AF-210-14	Crile Haemostatic Forcep Straight 14.5 cm - 5 3/4"	4
AF-211-14	Crile Haemostatic Forcep Curved 14 cm - 5 1/2"	10
SU-586-13	UltraGripX TC Halsey Needle Holder 13 cm - 5"	2
SU-600-16	UltraGripX TC Mayo-Hegar Needle Holder 16 cm - 6 1/4"	2
RT-710-11	Weitlaner Self Retaining Retractor 2 x 3 Sharp Prongs 11 cm - 4 1/4"	1
AF-471-16	Gemini Dissecting and Ligature Forcep Curved 16 cm - 6 1/4"	2
SI-012-15	Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6"	4
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	2
FR-010-16	Standard Pattern Dressing Forcep 16 cm - 6 1/4"	2
FR-200-16	Standard Pattern Dissecting Forcep 1 x 2 Teeth 16 cm - 6 1/4"	2
RT-174-10	Cushing Retractor / Saddle Hook 24 cm - 9 1/2" Blade Size 10 mm	2
AF-269-18	Adson Haemostatic Forcep Curved 18.5 cm - 7 1/4"	4
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
FR-050-12	Adson Dressing Forcep 12 cm - 4 3/4"	2
FR-592-16	DeBakey Atrauma Forcep 16 cm - 6 1/4" Tip Size 2.0 mm	2
RT-579-21	Parker-Langebeck (US Army) Retractor Set of Fig. 1 (21 mm x 15 / 40 mm x 15 mm) and Fig. 2 (25 mm x 15 / 45 mm x 15 mm) 21.5 cm	1
RT-409-01	Kelly Retractor 26 cm - 10 1/4" Blade Size 50 x 40 mm	2
RT-403-01	Richardson Retractor 23.5 cm - 9 1/4" Blade Size 25 x 21 mm	2
RT-210-04	Volkmann Retractor 4 Sharp Prongs 22 cm - 8 3/4"	2
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	2

Pacemaker Set

Codes	Description	Quantity
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SS-905-18	UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	1
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	10
FR-010-16	Standard Pattern Dressing Forcep 16 cm - 6 1/4"	1
FR-200-16	Standard Pattern Dissecting Forcep 1 x 2 Teeth 16 cm - 6 1/4"	1
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	1
RT-713-16	Weitlaner Self Retaining Retractor 3 x 4 Blunt Prongs 16 cm - 6 1/4"	1
FR-592-16A	DeBakey Atrauma Forcep 16 cm - 6 1/4" Tip Size 2.0 mm	1
F-501-25	Mixter Dissecting and Ligature Forcep Right Angled - Longitudinally Serrated 26 cm - 10 1/4"	1
RT-579-21	Parker-Langebeck (US Army) Retractor Set of Fig. 1 (21 mm x 15 / 40 mm x 15 mm) and Fig. 2 (25 mm x 15 / 45 mm x 15 mm) 21.5 cm	1

Chest Drainage Set

Codes	Description	Quantity
AF-114-13	Spencer-Wells Haemostatic Forcep Straight 13 cm - 5"	2
SS-041-17	Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
AF-220-22	Rochester-Pean Haemostatic Forcep Straight 22.5 cm - 8 3/4"	1
AF-860-20	Tubing Clamp 20.5 cm - 8"	2
SU-060-18	Mayo-Hegar Needle Holder 18.5 cm - 7 1/4"	1
FR-200-18	Standard Pattern Dissecting Forcep 1 x 2 Teeth 18 cm - 7"	1
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	1

Lobectomy & Segmental Lung Resection Set

Codes	Description	Quantity
SS-141-28	Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 28.5 cm - 11 1/4"	1
AF-220-20	Rochester-Pean Haemostatic Forcep Straight 20.5 cm - 8"	6
AF-497-19	Mixter Dissecting and Ligature Forcep Right Angled 18 cm - 7"	2
SI-015-19	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 19 cm - 7 1/2"	4
SI-015-25	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 25.5 cm - 10"	2
SI-074-20	Duval Intestinal and Tissue Grasping Forcep Wide Jaw 20.5 cm - 8"	2
CV-075-02	Burford Rib Spreader With 2 Pairs of Lateral Blades Size of Lateral Blades 1 - Size of Lateral Blades 2 - Spread 47 x 62 mm - 65 x 62 mm - 260 mm Aluminium	1
AF-365-24	Sarot Haemostatic Forcep Curved 24.5 cm - 9 3/4"	2
AF-501-28	Mixter Dissecting and Ligature Forcep Right Angled - Longitudinally Serrated 28 cm - 11"	2
CV-205-22	Price-Thomas Bronchus Clamp Fig. 1 22 cm - 8 3/4"	1
CV-207-22	Price-Thomas Bronchus Clamp Fig. 2 22 cm - 8 3/4"	1
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	2
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SL-020-13	Scalpel Handle No. 3L Solid, Long 21.5 cm - 8 1/2"	1
SS-860-17	UltraCut TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-905-18	UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	1
SS-905-23	UltraCut TC Metzenbaum Dissecting Scissor Curved 23 cm -9"	1
SS-905-25	UltraCut TC Metzenbaum Dissecting Scissor Curved 26 cm - 10 1/4"	1
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	6
AF-221-16	Rochester-Pean Haemostatic Forcep Curved 16 cm - 6 1/4"	8
AF-221-20	Rochester-Pean Haemostatic Forcep Curved 20 cm - 8"	4
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	4
AF-210-14	Crile Haemostatic Forcep Straight 14.5 cm - 5 3/4"	4
AF-211-14	Crile Haemostatic Forcep Curved 14 cm - 5 1/2"	16
FR-010-16	Standard Pattern Dressing Forcep 16 cm - 6 1/4"	2
FR-010-20	Standard Pattern Dressing Forcep 20 cm - 8"	2
FR-200-16	Standard Pattern Dissecting Forcep 1 x 2 Teeth 16 cm - 6 1/4"	2
FR-200-20	Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8"	2
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	2
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	2
SU-600-20	UltraGripX TC Mayo-Hegar Needle Holder 20 cm - 8"	2
SU-600-26	UltraGripX TC Mayo-Hegar Needle Holder 26 cm - 10 1/4"	1
SI-060-16	Babcock Intestinal and Tissue Grasping Forcep 15.5 cm - 6"	2
SI-012-15	Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6"	4
SI-015-15	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6"	2
SI-072-20	Duval Intestinal and Tissue Grasping Forcep Narrow Jaw 20.5 cm - 8"	4
AF-781-13	Lorna Towel Clamp Fine Serrated, Wide Jaw 13 cm - 5"	2
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	8
RT-170-20	Cushing Retractor / Saddle Hook 20.5 cm - 8"	2
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	2
FR-094-25	Potts-Smith Dressing Forcep 24.5 cm - 9 3/4"	2
FR-592-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.0 mm	2
FR-592-24	DeBakey Atrauma Forcep 24.5 cm - 9 3/4" Tip Size 2.0 mm	2

Lobectomy & Segmental Lung Resection Set

Codes	Description	Quantity
CV-417-25	Satinsky Atrauma Tangential Occlusion Clamp 26.5 cm - 10 1/2"	2
AF-499-23	Mixter Dissecting and Ligature Forcep Curved 23 cm - 9"	4
AF-471-28	Gernini Dissecting and Ligature Forcep Curved 28 cm - 11"	4
RT-579-21	Parker-Langebeck (US Army) Retractor Set of Fig. 1 (21 mm x 15 / 40 mm x 15 mm) and Fig. 2 (25 mm x 15 / 45 mm x 15 mm) 21.5 cm	1
RT-409-02	Kelly Retractor 26 cm - 10 1/4" Blade Size 62 x 50 mm	2
RT-403-01	Richardson Retractor 23.5 cm - 9 1/4" Blade Size 25 x 21 mm	2
RT-403-02	Richardson Retractor 24 cm - 9 1/2" Blade Size 30 x 29 mm	2
RT-530-40	Abdominal Spatula 33 cm - 13" Blade Width 40 mm	1
RT-530-50	Abdominal Spatula 33 cm - 13" Blade Width 50 mm	1
RT-898-00	Balfour-Standard Retractor Complete With Central Blade Ref:- RT-903-02 20 cm - 8" Spread - Lateral Blades Size 250 mm - 100 x 35 mm	1
AF-311-02	Schnidt Tonsil Haemostatic Forcep Gently Curved 19 cm - 7 1/2"	3
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	3
AF-381-27	Bridge Haemostatic Forcep Curved 27.5 cm - 10 3/4"	3
CV-026-34	Bethune Ribe Shear 34 cm - 13 1/2"	1
OR-682-21	Alexander Periosteal Raspatory / Elevator 21 cm - 8 1/4"	1
OR-680-01	Doyen Rib Raspatory Curved Right - For Adults 17.5 cm - 7"	1
OR-680-02	Doyen Rib Raspatory Curved Left - For Adults 17.5 cm - 7"	1
RT-385-02	Davidson Scapula Retractor 18.5 cm - 7 1/4" Blade Size 80 x 95 mm	1
CV-154-15	Bailey-Baby Rib Contractor 15.5 cm - 6"	1
CV-073-02	Finochietto Rib Spreader For Adults Size of Lateral Blades - Spread 52 x 62 mm - 175 mm Aluminium	1
CV-075-01	Burford Rib Spreader With 2 Pairs of Lateral Blades Size of Lateral Blades 1 - Size of Lateral Blades 2 - Spread 47 x 62 mm - 65 x 62 mm - 200 mm Aluminium	1
TR-251-27	Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4"	1
ST-020-14	Mayo Safety Pin 14 cm - 5 1/2"	2
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SS-004-14	Operating Scissor Straight - Sharp/Blunt 14.5 cm - 5 3/4"	1
SS-860-17	UltraCut TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-905-18	UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	1
SS-904-23	UltraCut TC Metzenbaum Dissecting Scissor Straight 23 cm -9"	1
SS-905-23	UltraCut TC Metzenbaum Dissecting Scissor Curved 23 cm -9"	1
FR-010-14	Standard Pattern Dressing Forcep 14.5 cm - 5 3/4"	1
FR-200-14	Standard Pattern Dissecting Forcep 1 x 2 Teeth 14.5 cm - 5 3/4"	1
FR-050-12	Adson Dressing Forcep 12 cm - 4 3/4"	1
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	1
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	1
FR-090-17	Cushing Dressing Forcep Straight 17.5 cm - 7"	1
FR-294-17	Cushing Dissecting Forcep 1 x 2 Teeth 18 cm - 7"	1
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	6
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	6
AF-200-14	Kelly Haemostatic Forcep Straight 14.5 cm - 5 3/4"	6
AF-201-14	Kelly Haemostatic Forcep Curved 14 cm - 5 1/2"	12
AF-221-16	Rochester-Pean Haemostatic Forcep Curved 16 cm - 6 1/4"	6
AF-221-20	Rochester-Pean Haemostatic Forcep Curved 20 cm - 8"	2
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	4
AF-495-18	Mixter-Baby Dissecting and Ligature Forcep Curved 18.5 cm - 7 1/4"	1
AF-499-23	Mixter Dissecting and Ligature Forcep Curved 23 cm - 9"	1
AF-493-14	Mixter-Baby Dissecting and Ligature Forcep Curved 13.5 cm - 5 1/4"	1
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	8
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	2
SU-600-16	UltraGripX TC Mayo-Hegar Needle Holder 16 cm - 6 1/4"	1
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	1
SU-600-20	UltraGripX TC Mayo-Hegar Needle Holder 20 cm - 8"	1

Lobectomy & Segmental Lung Resection Set

Codes	Description	Quantity
SU-600-26	UltraGripX TC Mayo-Hegar Needle Holder 26 cm - 10 1/4"	1
TR-270-22	Poole Suction Tube 22 cm - 8 3/4" Diameter √ò 10.0 mm	1
RT-593-19	Goelet Retractor 19 cm - 7 1/2" Blade Size 40 x 40 mm - 30 x 30 mm	2
RT-579-21	Parker-Langebeck (US Army) Retractor Set of Fig. 1 (21 mm x 15 / 40 mm x 15 mm) and Fig. 2 (25 mm x 15 / 45 mm x 15 mm) 21.5 cm	1
RT-530-25	Abdominal Spatula 33 cm - 13" Blade Width 25 mm	1
RT-530-30	Abdominal Spatula 33 cm - 13" Blade Width 30 mm	1
RT-530-40	Abdominal Spatula 33 cm - 13" Blade Width 40 mm	1
RT-530-50	Abdominal Spatula 33 cm - 13" Blade Width 50 mm	1
RT-471-04	Deaver Retractor Fig. 4 31 cm - 12 1/4" Blade Width 25 mm	1
RT-471-08	Deaver Retractor Fig. 8 31 cm - 12 1/4" Blade Width 50 mm	1
RT-403-01	Richardson Retractor 23.5 cm - 9 1/4" Blade Size 25 x 21 mm	1
RT-403-03	Richardson Retractor 24 cm - 9 1/2" Blade Size 38 x 40 mm	1
RT-409-02	Kelly Retractor 26 cm - 10 1/4" Blade Size 62 x 50 mm	1
RT-898-00	Balfour-Standard Retractor Complete With Central Blade Ref:- RT-903-02 20 cm - 8" Spread - Lateral Blades Size 250 mm - 100 x 35 mm	1
AF-535-19	Lahey (Sweet) Bile Duct Clamp Curved 19.5 cm - 7 3/4"	2
SI-015-15	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6"	2
SI-015-25	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 25.5 cm - 10"	2
SU-060-16	Mayo-Hegar Needle Holder 16 cm - 6 1/4"	2
SI-060-24	Babcock Intestinal and Tissue Grasping Forcep 24 cm - 9 1/2"	2
AF-311-02	Schnidt Tonsil Haemostatic Forcep Gently Curved 19 cm - 7 1/2"	4
FR-592-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.0 mm	1

Vascular Microsurgery Set

Codes	Description	Quantity
SS-790-18	Micro Scissor Round Handle - Straight 18 cm - 7"	1
SS-791-18	Micro Scissor Round Handle - Curved 18 cm - 7"	1
SS-775-45	Micro Vascular Scissors Round Handle - Fine Blades - Angled 45° 16.5 cm - 6 1/2"	1
SU-436-18	Diam-n-Dust Micro Needle Holder Straight - For Suture Size 7/0 and Smaller - Round Handle - Without Lock 18.5 cm - 7 1/4"	1
SU-430-18	Diam-n-Dust Micro Needle Holder Straight - For Suture Size 7/0 and Smaller - Round Handle - With Lock 18.5 cm - 7 1/4"	1
FR-430-15	Micro Suturing Forcep With Platform 15 cm - 6" Tip Size 0.3 mm	1
FR-431-15	Micro Suturing Forcep Curved- With Platform 15 cm - 6" Tip Size 0.3 mm	1
FR-432-18	Micro Suturing Forcep With Platform 18 cm - 7" Tip Size 0.5 mm	1
FR-433-18	Micro Suturing Forcep Curved - With Platform 18 cm - 7" Tip Size 0.5 mm	1

Organ Donor Set

Codes	Description	Quantity
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	3
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2"	6
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	10
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	10
AF-211-14	Crile Haemostatic Forcep Curved 14 cm - 5 1/2"	6
AF-210-14	Crile Haemostatic Forcep Straight 14.5 cm - 5 3/4"	4
SI-015-15	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6"	4
SI-060-16	Babcock Intestinal and Tissue Grasping Forcep 15.5 cm - 6"	2
AF-230-20	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 20.5 cm - 8"	2
AF-441-22	Kelly Dissecting and Ligature Forcep Fig. 1 22.5 cm - 8 3/4"	6
CV-483-05	Cooley Atrauma Pediatric Vascular Clamp 14.5 cm - 5 3/4"	2
CV-507-17	Cooley Atrauma Multipurpose Vascular Clamp 17.5 cm - 7"	2
AF-493-14	Mixter-Baby Dissecting and Ligature Forcep Curved 13.5 cm - 5 1/4"	1
AF-471-18	Gemini Dissecting and Ligature Forcep Curved 18 cm - 7"	1
AF-471-20	Gemini Dissecting and Ligature Forcep Curved 21 cm - 8 1/4"	1
AF-471-25	Gemini Dissecting and Ligature Forcep Curved 25 cm - 9 3/4"	1
AF-471-28	Gemini Dissecting and Ligature Forcep Curved 28 cm - 11"	1
SS-903-14	UltraCut TC Metzenbaum Dissecting Scissor Curved 14.5 cm - 5 3/4"	1
SS-905-18	UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7"	3
SS-905-20	UltraCut TC Metzenbaum Dissecting Scissor Curved 20.5 cm - 8"	1
SU-650-18	UltraGripX TC DeBakey Needle Holder 18 cm - 7"	1
SU-650-20	UltraGripX TC DeBakey Needle Holder 20 cm - 8"	3
SU-650-23	UltraGripX TC DeBakey Needle Holder 23 cm - 9"	2
SU-650-26	UltraGripX TC DeBakey Needle Holder 26 cm - 10 1/4"	2
SU-650-31	UltraGripX TC DeBakey Needle Holder 31 cm - 12 1/4"	1
AF-360-22	Roberts Haemostatic Forcep Straight 22.5 cm - 8 3/4"	2
CV-417-20	Satinsky Atrauma Tangential Occlusion Clamp 22 cm - 8 3/4"	3
CV-201-22	Price-Thomas Bronchus Clamp 22 cm - 8 3/4"	2
HW-400-20	Kidney Dish Size 200 x 140 x 40 mm	1
HW-400-27	Kidney Dish Size 275 x 150 x 45 mm	1
HW-400-20	Kidney Dish Size 200 x 140 x 40 mm	1
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
RT-012-02	Gillies Skin Hook Fig. 2 18 cm - 7"	2
TR-101-12	Frazier Suction Tube 12 Charr. 19.5 cm - 7 3/4" 4.0 mm	1
TR-270-22	Poole Suction Tube 22 cm - 8 3/4" Diameter 10.0 mm	2
FR-594-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.8 mm	2
FR-594-24	DeBakey Atrauma Forcep 24.5 cm - 9 3/4" Tip Size 2.8 mm	2
FR-594-30	DeBakey Atrauma Forcep 30 cm - 11 3/4" Tip Size 2.8 mm	1
FR-200-16	Standard Pattern Dissecting Forcep 1 x 2 Teeth 16 cm - 6 1/4"	2
FR-200-20	Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8"	1
FR-010-16	Standard Pattern Dressing Forcep 16 cm - 6 1/4"	2
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	1
RT-922-00	Kirschner Retractor Complete With Frame, 3 Blades	1
RT-251-04	Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 40 x 11 mm	1
RT-415-01	Morris Retractor 24.5 cm - 9 3/4" Blade Size 70 x 40 mm	2
RT-471-07	Deaver Retractor Fig. 7 30 cm - 11 3/4" Blade Width 38 mm	6
HW-050-16	Bowl 900 ccm Size 167 x 75 mm	2
HW-050-11	Bowl 250 ccm Size √ò 116 x 50 mm	2
HW-050-06	Bowl 70 ccm Size √ò 61 x 30 mm	2
CV-471-11	DeBakey Atrauma Pediatric Vascular Clamp 12.5 cm - 5"	1
CV-437-31	Potts Atrauma Multipurpose Vascular Clamp Curved 30.5 cm - 12"	1
CV-544-16	Atrauma Pediatric Clamp 16.5 cm - 6 1/2"	1
CV-545-16	Atrauma Pediatric Clamp 16 cm - 6 1/4"	1
SF-100-27	Ulrich Dressing Forcep Straight 26.5 cm - 10 1/2"	1

Organ Donor Set

Codes	Description	Quantity
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	1
RT-409-01	Kelly Retractor 26 cm - 10 1/4" Blade Size 50 x 40 mm	2
AF-361-22	Roberts Haemostatic Forcep Curved 21.5 cm - 8 1/2"	2
OR-707-19	Watson-Cheyne Periosteal Elevator 19 cm - 7 1/2"	1
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	2

Organ Vascular Surgery Set

Codes	Description	Quantity
SU-422-23	Diam-n-Dust Micro Needle Holder Straight - With Lock - For Suture Size 5/0 and Smaller - 23 cm - 9"	3
FR-558-18	Gerald Micro Forcep Cross Serrated Jaws 18 cm - 7" Tip Size 1.0 mm	2
FR-558-25	Gerald Micro Forcep Cross Serrated Jaws 25 cm - 9 3/4" Tip Size 1.0 mm	2
FR-504-21	Diam-n-Dust Micro Dressing Forcep Straight 21 cm - 8 1/4" Tip Size 6.0 x 0.7 mm	1
SS-281-45	Potts-Smith Vascular Scissor Angled 45° 18.5 cm - 7 1/4"	1
SS-253-15	Jameson Dissecting Scissor Curved 15.5 cm - 6"	1
SS-800-18	Micro Scissor Straight - Round Handle 18 cm - 7" Blade Size 10 mm	1
AF-081-50	Diethrich Bulldog Clamp Angled 50 mm Jaw Length 20 mm	2
TR-550-08	Mock Heparin Flushing Needle Button End With Luer Lock Connection 6.5 cm - 2 1/2" Tip Size 2.9 x 0.8 mm	1
CV-632-10	Garret Vascular Dilator Malleable 14 cm - 5 1/2" 1.0 mm	1
CV-632-15	Garret Vascular Dilator Malleable 14 cm - 5 1/2" 1.5 mm	1
CV-632-20	Garret Vascular Dilator Malleable 14 cm - 5 1/2" 2.0 mm	1
CV-632-25	Garret Vascular Dilator Malleable 14 cm - 5 1/2" 2.5 mm	1

Organ Recepient Set

Codes	Description	Quantity
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	3
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2"	6
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	8
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	12
AF-211-14	Crile Haemostatic Forcep Curved 14 cm - 5 1/2"	2
AF-210-14	Crile Haemostatic Forcep Straight 14.5 cm - 5 3/4"	2
SI-015-15	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6"	4
SI-060-16	Babcock Intestinal and Tissue Grasping Forcep 15.5 cm - 6"	2
AF-441-22	Kelly Dissecting and Ligature Forcep Fig. 1 22.5 cm - 8 3/4"	6
AF-493-14	Mixter-Baby Dissecting and Ligature Forcep Curved 13.5 cm - 5 1/4"	1
AF-471-18	Gemini Dissecting and Ligature Forcep Curved 18 cm - 7"	1
AF-471-20	Gemini Dissecting and Ligature Forcep Curved 21 cm - 8 1/4"	1
AF-471-23	Gemini Dissecting and Ligature Forcep Curved 23 cm - 9"	1
AF-471-25	Gemini Dissecting and Ligature Forcep Curved 25 cm - 9 3/4"	1
SS-040-17	Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-921-14	UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 14.5 cm - 5 3/4"	1
SS-923-18	UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 18 cm - 7"	1
SS-923-20	UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 20.5 cm - 8"	1
SS-923-23	UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 23 cm - 9"	1
SS-141-23	Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 23 cm - 9"	1
SU-650-18	UltraGripX TC DeBakey Needle Holder 18 cm - 7"	2
SU-650-20	UltraGripX TC DeBakey Needle Holder 20 cm - 8"	2
SU-650-23	UltraGripX TC DeBakey Needle Holder 23 cm - 9"	1
SU-650-26	UltraGripX TC DeBakey Needle Holder 26 cm - 10 1/4"	2
SU-650-31	UltraGripX TC DeBakey Needle Holder 31 cm - 12 1/4"	1
SU-650-31	UltraGripX TC DeBakey Needle Holder 31 cm - 12 1/4"	1
CV-483-05	Cooley Atrauma Pediatric Vascular Clamp 14.5 cm - 5 3/4"	2

Organ Recepient Set

Codes	Description	Quantity
CV-381-23	DeBakey Atrauma Dissecting and Ligature Forcep 24 cm - 9 1/2"	2
SI-231-33	Scudder Atrauma Intestinal Clamp Curved 32.5 cm - 12 3/4	1
HW-400-27	Kidney Dish Size 275 x 150 x 45 mm	1
HW-400-20	Kidney Dish Size 200 x 140 x 40 mm	1
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
RT-012-02	Gillies Skin Hook Fig. 2 18 cm - 7"	2
TR-101-12	Frazier Suction Tube 12 Charr. 19.5 cm - 7 3/4" 4.0 mm	1
TR-270-22	Poole Suction Tube 22 cm - 8 3/4" Diameter 10.0 mm	2
FR-594-20	DeBakey Atrauma Forcep 20 cm - 8" Tip Size 2.8 mm	2
FR-594-24	DeBakey Atrauma Forcep 24.5 cm - 9 3/4" Tip Size 2.8 mm	2
FR-594-30	DeBakey Atrauma Forcep 30 cm - 11 3/4" Tip Size 2.8 mm	1
FR-200-16	Standard Pattern Dissecting Forcep 1 x 2 Teeth 16 cm - 6 1/4"	2
FR-200-20	Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8"	1
FR-010-16	Standard Pattern Dressing Forcep 16 cm - 6 1/4"	2
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4"	1
RT-922-00	Kirschner Retractor Complete With Frame, 3 Blades	4
RT-251-04	Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 40 x 11 mm	1
RT-415-01	Morris Retractor 24.5 cm - 9 3/4" Blade Size 70 x 40 mm	2
RT-471-07	Deaver Retractor Fig. 7 30 cm - 11 3/4" Blade Width 38 mm	6
HW-050-16	Bowl 900 ccm Size √ò 167 x 75 mm	2
HW-050-11	Bowl 250 ccm Size √ò 116 x 50 mm	2
HW-050-06	Bowl 70 ccm Size √ò 61 x 30 mm	2
CV-471-11	DeBakey Atrauma Pediatric Vascular Clamp 12.5 cm - 5"	1
CV-437-31	Potts Atrauma Multipurpose Vascular Clamp Curved 30.5 cm - 12"	1
CV-544-16	Atrauma Pediatric Clamp 16.5 cm - 6 1/2"	1
CV-545-16	Atrauma Pediatric Clamp 16 cm - 6 1/4"	1
SF-100-27	Ulrich Dressing Forcep Straight 26.5 cm - 10 1/2"	1
FR-330-20	Russian Modell Dissecting Forcep 20 cm - 8"	1
RT-409-01	Kelly Retractor 26 cm - 10 1/4" Blade Size 50 x 40 mm	2
AF-361-22	Roberts Haemostatic Forcep Curved 21.5 cm - 8 1/2"	2
OR-707-19	Watson-Cheyne Periosteal Elevator 19 cm - 7 1/2"	1
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	2

Diaphragmatic Hernia Repair Set

Codes	Description	Quantity
SF-350-25	Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4"	4
AF-773-13	Backhaus Towel Clamp 13 cm - 5"	10
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4"	1
SL-010-04	Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 "	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4"	1
SS-860-17	UltraCut TC Mayo Dissecting Scissor Straight 17 cm - 6 3/4"	1
SS-861-17	UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4"	1
SS-141-18	Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 18 cm - 7"	2
SS-004-14	Operating Scissor Straight - Sharp/Blunt 14.5 cm - 5 3/4"	1
FR-010-14	Standard Pattern Dressing Forcep 14.5 cm - 5 3/4"	2
FR-010-20	Standard Pattern Dressing Forcep 20 cm - 8"	1
FR-200-14	Standard Pattern Dissecting Forcep 1 x 2 Teeth 14.5 cm - 5 3/4"	2
FR-200-20	Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8"	1
SI-015-15	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6"	4
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5"	10
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4"	10
AF-214-16	Crile-Rankin Haemostatic Forcep Straight 17 cm - 6 3/4"	4
AF-215-16	Crile-Rankin Haemostatic Forcep Curved 17 cm - 6 3/4"	4
AF-230-16	Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2"	4
RT-403-01	Richardson Retractor 23.5 cm - 9 1/4" Blade Size 25 x 21 mm	2
RT-403-02	Richardson Retractor 24 cm - 9 1/2" Blade Size 30 x 29 mm	2
RT-561-00	Roux Retractor Set of Fig. 1, Fig. 2 and Fig. 3	1
RT-471-04	Deaver Retractor Fig. 4 31 cm - 12 1/4" Blade Width 25 mm	2
RT-212-04	Volkmann Retractor 4 Semi Sharp Prongs 22 cm - 8 3/4"	2
RT-212-06	Volkmann Retractor 6 Semi Sharp Prongs 22 cm - 8 3/4"	2
RT-172-10	Cushing Retractor / Saddle Hook 20.5 cm - 8" Blade Size 10 mm	2
RT-579-21	Parker-Langebeck (US Army) Retractor Set 21.5 cm	1
RT-530-30	Abdominal Spatula 33 cm - 13" Blade Width 30 mm	1
RT-530-40	Abdominal Spatula 33 cm - 13" Blade Width 40 mm	2
RT-896-00	Balfour Retractor Complete With Central Blade20 cm - 8"	1
PR-030-13	Probe With Eye 13 cm - 5" Tip √ò 2 mm	1
SU-955-03	Koenig Ligature Conductor 19.5 cm - 7 3/4"	1
SU-875-20	Deschamps Ligature Needle Blunt for Right Hand Medium 20 cm - 8"	1
SU-877-20	Deschamps Ligature Needle Blunt for Left Hand Medium 20 cm - 8"	1
SU-600-16	UltraGripX TC Mayo-Hegar Needle Holder 16 cm - 6 1/4"	1
SU-600-18	UltraGripX TC Mayo-Hegar Needle Holder 18 cm - 7"	2
TR-251-27	Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4"	1
SL-030-17	Scalpel Handle No. 7K Solid, Short 12.5 cm - 5"	1
SS-905-23	UltraCut TC Metzenbaum Dissecting Scissor Curved 23 cm -9"	2
FR-094-21	Potts-Smith Dressing Forcep 21 cm - 8 1/4"	1
FR-094-25	Potts-Smith Dressing Forcep 24.5 cm - 9 3/4"	1
SU-060-24	Mayo-Hegar Needle Holder 24 cm - 9 1/2"	1
FR-296-25	Potts-Smith Dissecting Forcep 1 x 2 Teeth 24 cm - 9 1/2"	1
SS-040-23	Mayo Dissecting Scissor Straight 23.5 cm - 9 1/4"	1
SI-015-19	Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 19 cm - 7 1/2"	6
AF-221-16	Rochester-Pean Haemostatic Forcep Curved 16 cm - 6 1/4"	8
AF-499-23	Mixter Dissecting and Ligature Forcep Curved 23 cm - 9"	4
SI-060-24	Babcock Intestinal and Tissue Grasping Forcep 24 cm - 9 1/2"	2
CV-096-00	Tuffier Rib Spreader Size of Lateral Blades - Spread 45 x 45 mm - 160 mm	2
CV-102-02	Finochietto Rib Spreader Size of Lateral Blades - Spread 46 x 62 mm - 190 mm	1
CV-158-16	Bailey Rib Contractor Short Claws 20 cm - 8"	1
CV-026-34	Bethune Ribe Shear 34 cm - 13 1/2"	1
OR-648-15	Farabeuf Periosteal Raspatory / Elevator Straight 15 cm - 6" Width 12.5 mm	1
OR-680-01	Doyen Rib Raspatory Curved Right - For Adults 17.5 cm - 7"	1
OR-680-02	Doyen Rib Raspatory Curved Left - For Adults 17.5 cm - 7"	1
OR-965-22	Stille-Luer Bone Rongeur Curved - Compound Action 22 cm - 8 3/4"	1
SU-060-26	Mayo-Hegar Needle Holder 26.5 cm - 10 1/2"	2

General Terms and Conditions of Sales

1. Definitions

"Company" means Surtex Instruments Ltd (registered in the United Kingdom under number 7035724).

"Contract" means the Order accepted by the Company and incorporating these conditions.

"Customer" means the company, firm or organisation who's Order for the Goods is accepted by the Company.

"Goods" means the goods which the Company agrees to supply in accordance with these conditions and which are identified on the Order. "Order" means the order for the purchase of the Goods submitted by the Customer.

"Goods" means the goods agreed to be provided to the customs by Surtex Instrument Ltd.

"Quotation" means the quotation by Surtex Instruments stating the price at which and the time period during which it will supply the goods to the customer.

1. Any reference to a law is a reference to it as in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.

2. Where a condition provides for a list of items following the word "including" or "includes", then such list is not to be interpreted as being an exhaustive list.

2. General

2.1 Headings are purely for the ease of reference and do not form part of effect the interpretation of Conditions.

2.2 In the event of a conflict the contractual documents shall be applied in the following order:

a) the Quotation

b) the Conditions

2.3 No other terms and conditions or warranties are to be incorporated into the Contract unless agreed expressly in writing with Surtex Instruments, in particular, the Customer's terms and conditions are expressly excluded whether provided in full, referred to in other documents and whether before or after the Contract is formed.

2.4 Surtex Instruments may update or amend these Conditions from time to time to comply with the law or to meet the changing business requirements without notice to the customer.

3. Ordering

3.1 Each Order (whether submitted by telephone, fax, post, email or electronic ordering system) shall be deemed to be an offer by the Customer to purchase the Goods pursuant to these conditions. The Company may, at its complete discretion, refuse to accept any Order. The Contract will be formed upon confirmation of acceptance of the Customer's purchase order by Surtex Instruments.

3.2 The Customer shall be responsible to the Company for ensuring the accuracy of the terms of any Order (including the description of the Goods ordered).

Samples and Free of Charge Goods:

3.3 For the avoidance of doubt, where no order is placed and the Company provides Samples, to familiarize the Customer with the goods, as part of a sampling program or where the Company provides Free of Charge Goods to the Customer as part of a clinical trial or compassionate use program these conditions shall, to the extent applicable, apply to such Samples and Free of Charge Goods.

4. Prices

4.1 The price is exclusive of VAT and all other applicable taxes and duties, which the Customer shall be additionally liable to pay the Surtex Instruments.

4.2 All prices quoted are subject to change up to the date of delivery, subject to prior written notice by Surtex Instruments.

4.3 Surtex Instruments reserves the right, by giving notice to the Customer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost of Surtex Instruments which is due to any factor beyond the reasonable control of Surtex Instruments.

4.4 Errors on Surtex Instruments website prices and availability of products and services are subject to change without notice errors will be corrected where discovered, and Surtex Instruments reserves the right to revoke any stated offer and to correct any errors, inaccuracies or omissions including after an order has been submitted and whether or not the order has been confirmed and your credit card charged. Surtex Instruments shall have the right to refuse or cancel any orders placed for product listed at the incorrect price. Surtex Instruments shall have the right to refuse or cancel any such orders whether or not the order has been confirmed and your credit card charged. If your credit card has already been charged for the purchase and your order is cancelled, Surtex Instruments will issue a credit to your credit card account in the amount of the charge. Individual bank policies will dictate when this amount is credited to your account. If you are not fully satisfied with your purchase, you may return it in accordance with Surtex Instruments' Return Policy.

5. Delivery

5.1 Delivery of the Goods shall be made to the delivery address specified as stated on the Pro Forma Invoice or communicated separately whichever is greater after the date of the Surtex Instruments acceptance of the Order.

5.2 Surtex Instruments reserves the right to withhold delivery of any Goods if any sum due under any contract with the Customer is overdue or if, in the reasonable opinion of Surtex Instruments, the financial standing of the Customer has been impaired for any other reason.

5.3 Time for delivery shall not be of the essence and, Surtex Instruments shall not be liable for any loss or damage whatever due to any failure by the Surtex Instruments to deliver the Goods (or any of them) promptly or at all. The customer will have no right damages or to cancel the order for any failure to meet the delivery times stated.

5.4 The delivery of the Goods may happen by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract. Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment shall entitle the Customer to repudiate or cancel any other Contractor instalment.

5.5 The Customer shall take delivery of the Goods promptly whenever they are tendered for delivery (which shall include signing the relevant delivery note). If, for any reason, the Customer fails to take such delivery of the Goods or otherwise causes or requests a delay in delivery:

a) The Goods shall be deemed to have been delivered;

b) Risk in the Goods shall pass to the Customer, and

c) Surtex Instruments shall be entitled to store or arrange for the storage of the Goods until actual delivery and charge the Customer for the reasonable costs (including insurance) of such storage and any additional charges incurred in delivering the Goods at a later date.

5.6 The Customer shall ensure that adequate and safe facilities and procedures exist at the Customer's premises for the delivery of the Goods.

5.7 The Customer shall immediately notify Surtex Instruments Customer Support Centre if the Goods are not received within 10 days of the specified delivery date.

5.8 The customer outside of the UK shall be solely responsible for obtaining all import authorisations.

6. Title and Risk

6.1 The Goods shall be at the Customer's risk at the time of delivery unless the parties have agreed in writing that the Goods are to be collected from the Surtex Instruments premises, in which case, the Goods shall be at the Customer's risk when Surtex Instruments notifies the Customer that the Goods are available for collection.

1. Property in the Goods shall not pass from Surtex Instruments until:

a) The Customer has paid the price in full; and

b) No other sums whatsoever are due from the Customer to Surtex Instruments.

2. Until property in the Goods passes to the Customer in accordance with the condition 6.1, the Customer shall:

a) Hold the Goods on a fiduciary basis as bailed for Surtex Instruments

b) Store the Goods separately from all other goods in its possession and mark them in such a way that they are clearly identified as Surtex Instrument's property; and

c) Maintain the Goods in satisfactory condition and keep them insured on Surtex Instrument's behalf for their full price.

3. The Customer may sell at full market value or use the Goods only in the ordinary course of the Customer's business. Any such sale or dealing shall be a sale or use of Surtex Instrument's property on the Customer's own behalf and the Customer shall deal as principal when making such sales or dealings. Until property in the Goods passes from Surtex Instruments, the proceeds of sale or otherwise of the Goods, to the full extent of the price of the Goods, shall be held in trust for Surtex Instruments and shall not be mixed with other money or paid into any overdrawn bank account and shall be at all material times identified as Surtex Instruments money.

4. Surtex Instruments shall be entitled to recover the price notwithstanding that property in any of the Goods has not passed from Surtex Instruments.

5. Until such time as the property in the Goods passes from Surtex Instruments, if the Customer: a) Enters into liquidation or has a winding-up order made against it or has an administrator, receiver or manager appointed in respect of its assets; or b) Fails to make payment in accordance with these conditions, the Customer shall upon request deliver up Surtex Instruments such of the Goods as have not ceased to be in existence or resold. If the Customer fails to do so, Surtex Instruments may enter upon any premises owned, Occupied or controlled by the Customer where the Goods are situated and repossess the Goods.

6. The Customer shall not pledge or in any way charge by way of security for any indebtedness, any of the Goods which are the property Surtex Instruments. If the Customer does so, all sums whatever owing by the Customer to Surtex Instruments shall forthwith become due and payable.

7. On termination of the Contract, howsoever caused, Surtex Instruments rights contained in this condition 6 shall remain in effect.

7. Terms of Payment

7.1 Payment is due to Surtex Instruments within 30 days of invoice (the" Due Date"). In the case of payment other than by cash, payment shall only be deemed to have been made on receipt of cleared funds.

7.2 Each consignment or partial delivery shall be invoiced and paid separately.

7.3 No disputes arising under the contract no delays in the delivery period beyond the control of Surtex Instruments shall interfere with prompt payment in full by Customer. The Customer shall not in any circumstances or for any reason whatsoever be entitled to make any deduction or withhold any sum from the price by way of set-off or otherwise.

7.4 If the Customer fails to make the payment on the due date, then Surtex Instruments without prejudice to other rights and remedies shall be entitled to charge the Customer interest (both before and after judgment) on the amount unpaid at the rate of 4% per annum above the basic rate of HSBC plc during the delay and suspend all further deliveries without notice.

7.5 All payments payable to the Company under the Contract shall become due immediately on its termination, despite any other provision.

8. Warranties

8.1 Surtex Instruments will use reasonable endeavours to ensure that the Goods

- a) Correspond to their description and any applicable specification;
- b) Be of satisfactory quality and fit for purpose held out by Surtex Instruments or made to known to the customer by Surtex Instruments
- c) Where applicable, be free from defects in design, materials and workmanship and remain so for a period of 12 months after delivery; and
- d) Comply with all applicable statutory and regulatory requirements relating to the manufacture, labelling, packaging, storage, handling and delivery of Goods

8.3 In case of Goods not manufactured by Surtex Instruments

- a) Surtex Instruments gives no assurance or warranty whatsoever that the sale or use of the Goods will not infringe the patent design right registered, design copyright or other industrial property rights of other person firm or Company and
- b) The warranty given to the Customer shall be limited to the warranty (if any) which Surtex Instruments receives from the manufacturer or supplier of the Goods to Surtex Instruments.

9. Missing and Defective Goods

9.1 The Customer must inspect the Goods immediately on arrival at their premises.

9.2 In case of missing goods or defects apparent on inspection:

- a) a written complaint must be made to Surtex Instruments by the customer within seven days of receipt of the Goods specifying the shortage and/or defect and
- b) Surtex Instruments shall be given an opportunity to inspect the Goods and investigate any complaint before any use is made of the Goods.

9.3 In the case of defects not apparent on inspection:

- a) the Customer shall send a written complaint to Surtex Instruments as soon as reasonably practicable after the defect is noticed and ensure no use is made of or alterations made to the Goods thereafter;
- b) the Customer shall allow Surtex Instruments 30 days to inspect the Goods and shall take such steps as are necessary to enable Surtex Instruments to do so including returning of the Goods to its head office in the United Kingdom if requested.

9.4 In any potential case of a product being defective pursuant to Part 1 of the Consumer Protection Act 1987, the customer must send the complaint within 12 months of the date of delivery by Surtex Instruments or in the case of items not manufactured by Surtex Instruments, within the guarantee period specified by the manufacturer of such item.

9.5 Any complaints made outside of the periods specified in clause 9 will not be considered.

9.6 All allegations of total non-delivery of any consignment of the Goods must be made by notice in writing by the customer to Surtex Instruments within 10 days of the specified delivery date. Failure by the Customer to give such notice shall render the Customer liable for any temporary or permanent loss of the Goods and all additional costs and expenses incurred by Surtex Instruments in relation to such loss.

10. Liability

10.1 Save where Goods manufactured by Surtex Instruments are held to be defective as defined in Part 1 of the Consumer Protection Act 1987, Surtex Instruments sole obligation in the event of any missing or defective Goods, shall be to repair or replace the Goods.

10.2 Surtex Instruments shall not be liable in respect of consequential loss, loss of profits, damage to the property, loss of goodwill, loss of business opportunity, wasted expenditure, cost of mitigation arising out of or occasioned by any fault or defect in the Goods supplied or any other losses howsoever caused.

10.3 The maximum total liability under or arising out of in connection with this Agreement will not exceed the total of the Contract value.

10.4 Nothing in this Agreement shall exclude or limit other party's liability for death or personal injury resulting from negligence or their fraudulent acts, omissions or statements or for infringement of third party's intellectual property rights.

10.5 For the purpose of the Health and Safety at Work Act 1974, Surtex Instruments relies upon the testing examination and research carried out by the suppliers to it of propriety equipment and component parts of Goods.

10.6 This clause 10 shall survive the termination of the contract.

11. Return of Goods

11.1 In cases where Goods are not defective and the customer requests to return the Goods, Surtex Instruments shall be under no contractual obligation to accept the return except in the event of any error on its parts as to the amount or type of Goods delivered.

11.2 Any requests to return must be made to Surtex Customer Support Centre within ten working days of the date of actual delivery.

11.3 The return of Goods to correct an error in delivery or ordering will only be considered if the Customer Care Team is notified immediately or in any event within 48 hours of delivery to the Customer.

Goods must be returned to Surtex Instruments within 5 days of delivery to the customer to correct an error in delivery or ordering.

11.4 For the avoidance of doubt, unless defective, the returns of Goods as detailed in sections 11.2, 11.4, 11.5 and 11.6 must be unused, undamaged and in the original packaging. The Goods must be the same batch as originally supplied by Surtex Instruments and are not falsified/counterfeit. All goods are individually assessed by Surtex Instruments before being authorised to return.

11.5 Return of Goods for any reason shall require prior consent from Surtex Instruments which shall be sent solely at the discretion of Surtex Instruments. To obtain consent, the Customer Care Team must be notified. Consideration to requests for a return may be given if:

- a) of a bona fide nature;
- b) made within 10 working days of the actual delivery; and
- c) unless defective, the Goods must be unused, undamaged and in the original undamaged packaging. The Goods must be the same batch as originally supplied by Surtex Instruments and not falsified/counterfeit.

11.6 On the customer contacting Surtex Instruments to request a return, the Customer will be issued with a returns merchandise authorisation number by Surtex Instruments. Goods returned without the prior written approval of Surtex Instruments may be returned to the customer or disposed of at the absolute discretion of the company.

11.7 Goods returned will be subjected to the following charges:

- a) for palletised items there will be a standard charge of £75.00 per pallet for any return uplifted by Surtex Instruments.
- b) for returns of small parcel there will be a minimum £15.00 charge per parcel and a 30% re-stocking charge.
- c) the event of return resulting from an error on the part of Surtex Instruments in relation to the amount or type of Goods delivered, no charges under this clause 11.7 will apply.

11.8 In the event, that any Goods are subject to be called by Surtex Instruments for the purpose of recall, the customer shall provide to Surtex Instruments as much information as it is reasonably possible regarding the whereabouts of the Goods.

12. Cancellation Policy

12.1 In the event of cancellation before delivery and if returned after delivery where products are not defective, there will be a re-stocking charge of not less than 30% of the invoice value charged by Surtex Instruments.

12.2 Cancellation of an order will only be agreed by Surtex Instruments at its sole discretion, on condition that all costs and expenses incurred by Surtex Instruments up to the time of cancellation and loss of profits and other loss or damage resulting to Surtex Instruments of such cancellation will be reimbursed by the Customer to Surtex Instruments forthwith.

13. Specifications

Surtex Instruments reserve the right to alter or change the specification and dimension of the Goods supplied with reasonable limits having regard to the nature of the Goods. These do not materially affect the quality or fitness for purpose of Goods. Dimensions specified by Surtex Instruments are to be treated as an approximate only unless the Customer specifically states in writing that exact dimensions are required. Our website and catalogues display the product images as accurately as possible. However, Surtex Instruments cannot guarantee the finish/colour you see matches the actual product as the display of the finish and or colour depends in part, upon your monitor and its settings.

14. Marking and Instructions

14.1 No name, mark, numbering, colouring, appearance or log on the goods will be obscured, removed or concealed by the Customer.

14.2 The Customer will not repackage or alter the presentation of Goods and it will not assist, cause, or enable any other party to do any of the said acts or deal in Goods or packaging which have been subject to such acts.

14.3 The Customer acknowledges that it is under a duty to pass on to its customers (where appropriate) all instructions, information and warnings supplied by Surtex Instruments with the Goods.

15. Confidential Information

15.1 A party shall treat the Contract as private and confidential and neither party shall publish or disclose any particulars without the prior written consent of the other with the exceptions of 15.2 below.

15.2 The obligations expressed in 15.1 above shall not apply to any information which:

- a) Is or subsequently comes into the public domain other than by breach of this clause;
- b) The disclosure of which is required to be disclosed by law, any governmental or regulatory authority or by a court of competent jurisdiction;
- c) Comes into the possession of one of the parties prior to its disclosure by the other, or which is acquired lawfully and in good faith from an independent third party.

15.3 On the conclusion or termination of the Contract, both parties shall destroy all copies of confidential information obtained from the other and the obligation relating to the confidentiality shall continue for a period of 10 years.

15.4 The Customer shall not, without the prior written consent of Surtex Instruments, advertise or make known to any third that Surtex Instruments provided Goods to the Customer.

16. Insolvency

16.1 Without limiting its other rights or remedies, Surtex Instruments shall be entitled to cancel the contract, in whole or in part, by notice in writing if:

- a) The Customer makes a voluntary arrangement with its creditors or (being an individual firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for purpose of amalgamation or reconstruction);
- b) An encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Customer.
- c) The Customer ceases, or threatens to cease, to carry on business; d) Surtex Instruments reasonably apprehends that any of the events mentioned above is about to occur in relation to the Customer and notifies the Customer accordingly.

17. Sub-Contractors

17.1 Surtex Instruments may assign the Contractor any part of it to any company, firm or organization.

17.2 The Customer shall not be entitled to assign the Contractor any part of it without the prior written consent of Surtex Instruments (such consent not to be unreasonably withheld or delayed).

18. Force Majeure

18.1 Surtex Instruments shall not be responsible for any failure to fulfil its obligations under these conditions and/or in relation to the Goods if such failure is caused by an event which is beyond its reasonable control including acts of God, war, armed conflict, acts of terrorism, riot, strikes, industrial action (including action involving Surtex Instruments employees), fire, flood, any natural disaster, any defaults by Surtex Instruments suppliers or subcontractors, difficulties obtaining workmen or materials, and breakdown of machinery.

18.2 If such event continues for more than one month, Surtex Instruments may terminate the Contract without liability.

19. Waiver

19.1 waiver of any right or remedy under the contract or law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

20. Severance

20.1 any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable whilst retaining the risk and reward between the parties. If such modification is not possible, the relevant provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

21. Variation

21.1 as set out in these Conditions, no variation of the Contract, including the introduction for any additional terms and conditions, shall become effective unless it is agreed in writing and signed by Surtex Instruments.

22. General

22.1 rights and remedies of Surtex Instruments set out in these conditions shall be in additions and without prejudice to any other rights and remedies which may be available to Surtex Instruments at common law or under the statue.

23. Governing Law and Jurisdiction

23.1 The contract and any dispute or claim arising out of or in connection with it or its subject matter or formation (including not-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.

23.2 Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with his agreement or its subject matter or formation (including non-contractual disputes or claims).

23.3 The schedules to the Uniform Law of International Sales Act 1967 shall not in any circumstances apply to the contract.

24. Entire Agreement

24.1 This contract constitutes the whole agreement and understanding between the parties in relation to its subject matter and supersedes any previous arrangement, understanding, representations, (including any information or data set out in any sales and marketing literature), or agreement between them relating to the subject matter of this Agreement.

24.2 Each party acknowledges that, in entering into this Agreement, it has not relied on any statement, assurance or warranty (whether made negligently or innocently) other than those expressly set out in this Agreement and has no rights and remedies in respect thereof.

25. Third-Party Rights

25.1 term of this agreement shall be enforceable under the Contracts (Rights of Third Parties) Act 1999 by any legal entity who is not a party to this Agreement.

26. Notices

26.1 communications between the parties about the Contract shall be in writing and delivered by pre-paid first-class post or by hand to the party's registered office, principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving notice. In the absence of evidence of earlier receipt, any notices shall be deemed to be duly served:

- a) If sent by first class post, two working days after posting; or
- b) If delivered personally, when left at the relevant address.

SURTEX INSTRUMENTS

Crafted to Excellence

INSTRUCTIONS FOR REPROCESSING OF REUSABLE SURGICAL INSTRUMENTS

Please read all information contained in this insert. The use of a device for a task other than that for which it is intended, as well as improper, ineffective and insufficient maintenance can greatly reduce the life of a device and will invalidate the device's warranty. Incorrect handling and care as well as misuse can lead to premature wear or can cause hazards to patients and users.

PRODUCTS:

Scalpel Handles, Knives, Saws	Rongeurs and Punches	Needle Holders	Bone files/rasps/clippers/awls	Eye/Ear/Nasal Speculums
Scissors	Snares	Tissue & Dissecting Forceps	Aspiration needle	Rib Spreader and retractors
Forceps	Trocars and Blades	Clamps	Wire/ligature passer	Dilators/strippers
Cotton applicators	Bougies, Spatulas	Laryngoscope	Bone Holding & Cutting Forceps	Probes, needles
Raspatories	Holloware, Instruments Trays	Biopsy Forceps and punches	Elevators and Osteotome	Dental Mirrors
Calipers	Hooks	Mouth gag	Vaginal and Rectal Speculums	Hammers and mallets
Cannulas and syringes	Curette and Scoops	Screw drivers	Bone Chisel & Gouges	Wire holding and twisting forceps
				Tuning Fork

INTENDED USE:	Surtex produces the standard surgical instruments, designed for routine use in general surgical procedures. Nevertheless, it is the responsibility of the treating surgeon to select the appropriate instruments for specific procedures or operative applications. Additionally, the surgeon is accountable for ensuring that operating room personnel are adequately trained and informed, and that they possess the requisite experience to use the instruments effectively.
WARNINGS: 	• All types of surgical instruments are supplied non-sterile. • Every instrument must undergo cleaning, disinfection, and sterilization processes prior to and following each usage. • Utilization of strong alkaline or acidic cleaning agents is discouraged.
Limitations on Reprocessing:	• Reusable surgical instruments are designed to withstand a maximum of 50 re-sterilization cycles.When the instruments reach that number, they are to be discarded in any case. • Signs of wear or damage incurred during surgical procedures typically signify the end of a product's life.
INSTRUCTIONS	
Point of use:	• Use a disposable cloth or paper towel to wipe away any excess debris. • Ensure that all instruments are subjected to a high-pressure water rinse.
Containment and transportation:	• Transporting contaminated instruments in a sealed and clean container is advisable. • It is best practice to reprocess the instrument within 2 hours after use.
Preparation for decontamination:	Personal protective equipment, including gloves, a water-resistant apron, a face shield or safety glasses, should be worn in accordance with the manufacturer's instructions for the cleaning and disinfectant agents used.
Cleaning: Manually	Prior to manual cleaning and subsequent manual disinfection: Do Pre-cleaning (see pre-cleaning above). **Equipments:** A multienzymatic detergent (for example, ECOLAB's Sekusept® MultiEnzyme (www.ecolab.com), soft-bristled brushes, a detergent container, and tap water (20 ± 2°C) at least meeting drinking water standards as per RKI guidelines. 1) The cleaner is prepared in accordance to the manufacturer's instructions (e.g. Sekusept® MultiEnzyme 2% solution). 2) Soak the device into cleaning solution. 3) Exposure time in accordance to the manufacturer's instructions (at least 15 minutes for Sekusept® MultiEnzyme 2% solution). 4) While the instrument is submerged, scrub the exterior surfaces and any crevices with a brush to remove residue. 5) With the brush, clean the instrument's internal surfaces, grooves, and blind holes at least 15 times to eliminate surface contaminants. 6) During exposure time while device is soaked brush the canal inside the surgical instruments for at least 15 times, and brush all other hard-to-reach areas and accessible areas inside the device to remove all visible dirt with a soft brush. Pay attention to the critical and hard-to-reach areas where it is not possible to assess the cleaning efficacy for the devices by means of visual inspection. 7) Take the instrument out of the cleaning solution. 8) Rinse the instrument under running tap water for one minute, ensuring all surfaces are thoroughly washed. 9) Inspect the instrument for cleanliness. If contamination is visible, repeat the cleaning steps.
Disinfection: Manually	**Equipment:** Disinfectant on peroxide basis (e.g. Sekusept® aktiv of ECOLAB (www.ecolab.com), disinfectant tank, tap water (20 ± 2°C) of at least drinking water quality (in accordance with RKI guideline), ultrasonic bath (35 kHz), deionized water (in accordance with KRINKO-BfArM-recommendation free of facultative pathogen microorganisms), fluff-free wipe or towel or air gun with compressed medical air (in accordance with European Pharmacopeia), a sterile 20-ml syringe. 1) Prepare the disinfectant solution in an ultrasonic cleaner as per the manufacturer's instructions (e.g., a 2% solution of Sekusept® aktiv). 2) Fully submerge the instrument in the disinfectant. 3) Adhere to the manufacturer's recommended exposure time (at least 10 minutes for a 2% solution of Sekusept® aktiv). 4) Use a 20-ml syringe filled with disinfectant to flush the instrument's channels, blind holes, and other hard-to-reach areas at least five times. a. Pay attention to areas where visual inspection is not feasible for verifying cleanliness. 5) After 5 minutes exposure time, activate the ultrasonic cleaner for an additional 5 minutes. 6) Switch off the ultrasonic cleaner. 7) Remove the device from the disinfectant. 8) Rinse the device under running tap water for at least 1 minute. 9) Perform a secondary rinse using deionized water. 10) Wipe the device with single use, fluff free wipe or towel or dry by an air gun with compressed air. Cleaning and disinfection: Automated If visible soil remains in

Cleaning and disinfection: Automated

If visible soil remains in gaps, holes, joining surfaces, threads and other hard to reach areas: Start with Pre-cleaning (see pre-cleaning above) and continue with manual cleaning.
Equipment: Washer disinfector in accordance with DIN EN ISO 15883-1+-2 with thermal program (temperature 90-93oC), mildly alkaline cleaner detergent (e.g. Sekumatic® MultiClean 200 ml), fluff free wipe or towel or air gun connected to compressed air of medical grade (in accordance with European Pharmacopeia).

1) Place all components of the instruments onto a compatible tray within a load carrier module designated for the washer-disinfector, or connect them with their hollow channels to a load carrier module designed for minimally invasive surgery instruments.
2) Once the door is securely closed, initiate the thermal cycle, with program parameters outlined in the following table.
3) Upon completion of the cycle, retrieve the instruments.
4) Inspect the instruments to ensure they are fully dry. If any moisture remains, use a single-use, lint-free cloth or towel to dry them, or alternatively, apply an air gun with compressed air for drying.

Program Step	Water	Dosage	Time	Temperature
Pre-Rinse	Cold		5 minutes	
Dosage cleaner		According to manufacturer's instructions		According to manufacturer's instructions
Cleaning	Deionized water		10 minutes	55°C
Rinse	Deionized water		2 minutes	
Disinfection	Deionized water		Ao value >3000 (e.g. 5 minutes, 90oC)	
Drying			15 minutes	Up to 120°C

Public authorities may adopt other implementing provisions (parameters for disinfection performance) within their field of responsibility.

Maintenance, Inspection and Testing:

Equipment: Silicone-free steam sterilizable lubricant allowed for use on medical products according to the manufacturer (e.g. Sterillit®, spray of B. BRAUN Aesculap or other fabricates).

- Under adequate lighting, scrutinize all parts of the instrument for any remaining soil. If soils detected, repeat the manual cleaning steps (including pre-cleaning) and either the automated or manual disinfection processes until the components are visibly clean.
- Verify the instrument for completeness, any damage, and proper functionality.
- Examine elongated components of the device for any signs of bending or distortion.
- Do not proceed with any damaged instrument.
- Apply a silicone-free steam sterilization-compatible lubricant to all movable parts of the instrument.

Packaging:

Packaging should be in a sterile barrier system compliant with DIN EN ISO 11607 or DIN 58953 standards. (For validation purposes, double-layered sterilization paper wraps were employed)

Sterilization:

Equipment: Sterilization should be performed using a sterilizer that adheres to DIN EN 13060 and/or DIN EN 285 standards.

- Employ a pre-vacuum sterilization process at temperatures ranging from 134°C to 137°C, with a minimum sterilization duration of 3 to 3.5 minutes.
- Sterilize the device in its disassembled state.

1) Place the packaged device in the sterilizer chamber.
2) Activate the sterilization cycle.
3) Once the cycle is complete, carefully extract the device and allow it to cool to room temperature.
4) Ensure the integrity of the package by checking that the seal is secure and the

Storage:

Adhere to the storage conditions and shelf life guidelines established by the processor.

- Instruments should be stored in dry, clean and humidity-free environment without direct solar irradiation.
- Do not store them in places where chemicals may emit corrosive fumes or where fluctuating temperature of humidity may cause vapors to condense on the instruments.

Additional Information:

Processing of medical devices should only be carried out using validated procedures.

Symbols used on Labelling:

	Manufacturer		Non-sterile
EC REP	Authorized Representative in the European Community		Consult instructions for use
REF	Catalog Number		Keep away from rain
LOT	Lot Number		Keep away from sunlight
	See instructions for use	SERIAL	Serial Number

SURTEX INSTRUMENTS

Crafted to Excellence

ANLEITUNG ZUR AUFBEREITUNG VON WIEDERVERWENDBAREN CHIRURGISCHEN INSTRUMENTEN

Bitte lesen Sie alle in dieser Beilage enthaltenen Informationen. Die Verwendung eines Geräts für eine andere als die vorgesehene Aufgabe sowie unsachgemäße, wirkungslose und unzureichende Wartung können die Lebensdauer erheblich verringern. Lebensdauer eines Geräts und führt zum Erlöschen der Garantie des Geräts. Falsche Handhabung und Pflege sowie unsachgemäßer Gebrauch können zu vorzeitigem Verschleiß führen oder Gefahren für Patienten und Anwender hervorrufen.

PRODUKTE:

Skalpellgriffe, Messer, Sägen	Rongeure und Stanzen	Nadelhalter	Knochenfeilen/Raspeln/Knipser/Ahlen	Augen-/Ohr-/Nasenspekulum
Scheren	Schlingen	Gewebe- und Präparierzangen	Aspirationsnadel	Rippenspreizer und Retraktoren
Zange	Trokare und Kanülen	Klemmen	Draht-/Ligaturpasser	Dilatatoren/Stripper
Baumwollapplikatoren	Bougies, Spatel	Laryngoskop	Knochenhalte- und -schneidezange	Sonden, Nadeln
Raspatorien	Hohlware, Instrumentenschaufel	Biopsiezangen und -stanzen	Elevatoren und Osteotom	Dentalspiegel
Bremssattel	Haken	Mundknebel	Vaginal- und Rektalspekulum	Hämmer und Schlägel
Kanülen und Spritzen	Küretten und Löffel	Schraubenzieher	Knochenmeißel und Hohlmeißen	Drahthalte- und Drehzange
				Stimmgabel

VERWENDUNGSZWECK:	Surtex stellt chirurgische Standardinstrumente her, die für den routinemäßigen Einsatz bei allgemeinen chirurgischen Eingriffen konzipiert sind. Dennoch liegt die Auswahl in der Verantwortung des behandelnden Chirurgen die passenden Instrumente für spezifische Eingriffe oder operative Anwendungen. Darüber hinaus ist der Chirurg dafür verantwortlich, sicherzustellen, dass das Personal im Operationssaal angemessen geschult und informiert sind und über die erforderliche Erfahrung verfügen, um die Instrumente effektiv einzusetzen.
WARNHINWEISE: ⚠	• Alle Arten von chirurgischen Instrumenten werden unsteril geliefert. • Jedes Instrument muss vor und nach jedem Gebrauch gereinigt, desinfiziert und sterilisiert werden. • Von der Verwendung stark alkalischer oder saurer Reinigungsmittel wird abgeraten.
Einschränkungen auf Wiederaufbereitung:	• Wiederverwendbare chirurgische Instrumente sind für maximal 50 Reinfektionszyklen ausgelegt. Bei Erreichen dieser Anzahl sind die Instrumente auf jeden Fall zu entsorgen. • Anzeichen von Abnutzung oder Schäden, die bei chirurgischen Eingriffen auftreten, bedeuten typischerweise das Ende der Lebensdauer eines Produkts.
ANWEISUNGEN	
Verwendungszweck:	• Wischen Sie überschüssige Rückstände mit einem Einwegtuch oder Papiertuch ab. • Stellen Sie sicher, dass alle Instrumente einer Hochdruckwasserspülung unterzogen werden
Eindämmung und Transport:	• Es empfiehlt sich, kontaminierte Instrumente in einem verschlossenen und sauberen Behälter zu transportieren. • Es empfiehlt sich, das Instrument innerhalb von 2 Stunden nach Gebrauch wieder aufzubereiten.
Vorbereitung für Dekontamination:	Persönliche Schutzausrüstung, darunter Handschuhe, eine wasserfeste Schürze, ein Gesichtsschutz oder eine Schutzbrille, sollte gemäß den Anweisungen des Herstellers getragen werden, für die verwendeten Reinigungs- und Desinfektionsmittel.
Reinigung: Manuell	Vor der manuellen Reinigung und anschließenden manuellen Desinfektion: Führen Sie eine Vorreinigung durch (siehe Vorreinigung oben). **Ausrüstung:** Ein multienzymatisches Reinigungsmittel (z. B. Sekusept® MultiEnzyme von ECOLAB (www.ecolab.com), Bürsten mit weichen Borsten, ein Reinigungsmittelbehälter und Leitungswasser (20 ± 2 °C) mindestens den Trinkwasserstandards gemäß RKI-Richtlinien entsprechen. 1) Der Reiniger wird gemäß den Herstellerangaben zubereitet (z. B. Sekusept® MultiEnzym 2 % Lösung). 2) Das Gerät in Reinigungslösung einweichen. 3) Einweikzeit gemäß Herstellerangaben (mindestens 15 Minuten für Sekusept® MultiEnzyme 2 % Lösung). 4) Während das Instrument eingetaucht ist, schrubben Sie die Außenflächen und alle Spalten mit einer Bürste, um Rückstände zu entfernen. 5) Reinigen Sie mit der Bürste die Innenflächen, Rillen und Sacklöcher des Instruments mindestens 15 Mal, um Oberflächenverunreinigungen zu entfernen. 6) Während der Einweikzeit, während das Gerät eingeweicht ist, bürsten Sie den Kanal innerhalb der chirurgischen Instrumente mindestens 15 Mal und bürsten Sie alle anderen schwer zugänglichen und zugänglichen Bereiche Bereiche im Inneren des Geräts, um alle sichtbaren Verschmutzungen mit einer weichen Bürste zu entfernen. Achten Sie auf kritische und schwer zugängliche Stellen, an denen die Reinigungswirkung der Geräte nicht durch Sichtprüfung beurteilt werden kann. 7) Nehmen Sie das Instrument aus der Reinigungslösung. 8) Spülen Sie das Instrument eine Minute lang unter fließendem Leitungswasser ab und stellen Sie sicher, dass alle Oberflächen gründlich gewaschen sind. 9) Überprüfen Sie das Instrument auf Sauberkeit. Wenn Verunreinigungen sichtbar sind, wiederholen Sie die Reinigungsschritte.
Desinfektion: Manuell	**Ausrüstung:** Desinfektionsmittel auf Peroxidbasis (z. B. Sekusept® aktiv von ECOLAB (www.ecolab.com), Desinfektionsmittelbank, Leitungswasser (20 ± 2°C) mindestens in Trinkwasserqualität (gemäß RKI-Richtlinie), Ultraschallbad (35 kHz), deionisiertes Wasser (gemäß KRINKO/BfArM-Empfehlung frei von fakultativ pathogenen Mikroorganismen), Fusselfreies Tuch oder Handtuch oder Luftpistole mit medizinischer Druckluft (gemäß Europäischem Arzneibuch), einer sterilen 20-ml-Spritze. 1) Bereiten Sie die Desinfektionslösung in einem Ultraschallreiniger gemäß den Anweisungen des Herstellers vor (z. B. eine 2%ige Lösung von Sekusept® aktiv). 2) Tauchen Sie das Instrument vollständig in das Desinfektionsmittel. 3) Halten Sie sich an die vom Hersteller empfohlene Einweikzeit (mindestens 10 Minuten bei einer 2 %igen Lösung von Sekusept® aktiv). 4) Verwenden Sie eine mit Desinfektionsmittel gefüllte 20-ml-Spritze, um die Kanäle, Sacklöcher und andere schwer zugängliche Bereiche des Instruments mindestens fünfmal zu spülen. A. Achten Sie auf Bereiche, in denen eine visuelle Inspektion zur Überprüfung der Sauberkeit nicht möglich ist. 5) Nach 5 Minuten Einweikzeit den Ultraschallreiniger für weitere 5 Minuten aktivieren. 6) Schalten Sie das Ultraschallreinigungsgerät aus. 7) Nehmen Sie das Gerät aus dem Desinfektionsmittel. 8) Spülen Sie das Gerät mindestens 1 Minute lang unter fließendem Leitungswasser ab. 9) Führen Sie eine zweite Spülung mit entionisiertem Wasser durch. 10) Wischen Sie das Gerät zum einmaligen Gebrauch mit einem fusselfreien Tuch oder Handtuch ab oder trocknen Sie es mit einer Luftpistole mit Druckluft. Reinigung und Desinfektion: Automatisiert, wenn sichtbarer Schmutz zurückbleibt.

Reinigung u Desinfektion: Automatisiert

Wenn sichtbarer Schmutz in Spalten, Löchern, Verbindungsflächen, Gewinden und anderen schwer zugänglichen Stellen zurückbleibt. Beginnen Sie mit der Vorreinigung (siehe Vorreinigung oben) und fahren Sie mit der manuellen Reinigung fort.

Ausstattung: Reinigungs- und Desinfektionsgerät nach DIN EN ISO 15883-1+-2 mit Thermoprogramm (Temperatur 90-93oC), mildalkalischer Reiniger (z. B. Sekumatic®), MultiClean 200 ml), fusselfreies Waschtuch oder Handtuch oder Luftpistole, angeschlossen an Druckluft medizinischer Qualität (gemäß Europäischer Pharmakopöe).

1) Legen Sie alle Komponenten der Instrumente auf ein kompatibles Tablett innerhalb eines für das Reinigungs- und Desinfektionsgerät vorgesehenen Ladungsträgermoduls oder verbinden Sie sie mit ihren Hohlkanälen zu einem Lastenträgermodul für Instrumente der minimalinvasiven Chirurgie.
2) Sobald die Tür sicher geschlossen ist, starten Sie den Wärmezyklus mit den in der folgenden Tabelle aufgeführten Programmparametern.
3) Nach Abschluss des Zyklus die Instrumente herausnehmen.
4) Überprüfen Sie die Instrumente, um sicherzustellen, dass sie vollständig trocken sind. Wenn noch Feuchtigkeit zurückbleibt, trocknen Sie sie mit einem fusselfreien Einmaltuch oder Handtuch ab oder wenden Sie alternativ eine Luftpistole an Druckluft zum Trocknen.

Programmschritt	Wasser	Dosierung	Zeit	Temperatur
Vorspülen	Kalt		5 Minuten	
Dosiermittel		Entsprechend Hersteller Anweisungen		Entsprechend Hersteller Anweisungen
Reinigung	Entionisiertes Wasser		10 Minuten	55°C
Spülen	Entionisiertes Wasser		2 Minuten	
Desinfektion	Entionisiertes Wasser		Ao-Wert >3000 (z. B. 5 Minuten, 90oC)	
Trocknen			15 Minuten	Bis zu 120°C

Die Behörden können in ihrem bundesweit weitere Ausführungsbestimmungen (Parameter zur Desinfektionsleistung) erlassen

Wartung, Inspektion u Testen:

Ausstattung: Silikonfreies, dampfsterilisierbares Gleitmittel, das laut Hersteller zur Verwendung auf Medizinprodukten zugelassen ist (z. B. Sterilit®, Spray von B. BRAUN Aesculap), oder andere Fabrikate).

- Untersuchen Sie bei ausreichender Beleuchtung alle Teile des Instruments auf verbleibende Verschmutzungen. Wenn Verschmutzungen festgestellt werden, wiederholen Sie die manuellen Reinigungsschritte (einschließlich Vorreinigung), und entweder die automatisierten oder manuellen Desinfektionsprozesse, bis die Komponenten sichtbar sauber sind.
- Überprüfen Sie das Gerät auf Vollständigkeit, eventuelle Schäden und ordnungsgemäße Funktion.
- Untersuchen Sie längliche Komponenten des Geräts auf Anzeichen von Biegung oder Verformung.
- Fahren Sie nicht mit beschädigten Instrumenten fort.
- Tragen Sie auf alle beweglichen Teile des Instruments ein silikonfreies, dampfsterilisationsverträgliches Gleitmittel auf.

Verpackung:

Die Verpackung sollte in einem Sterilbarrieresystem nach DIN EN ISO 11607 oder DIN 58953 erfolgen. (Zu Validierungszwecken doppellagiges Sterilisationspapier Wraps wurden verwendet)

Sterilisation:

Ausrüstung: Die Sterilisation sollte mit einem Sterilisator erfolgen, der den Normen DIN EN 13060 und/oder DIN EN 285 entspricht.

- Verwenden Sie einen Vorvakuumsterilisationsprozess bei Temperaturen zwischen 134 °C und 137 °C und einer Mindeststerilisationsdauer von 3 bis 3,5 Minuten.
- Sterilisieren Sie das Gerät im zerlegten Zustand.

1) Legen Sie das verpackte Gerät in die Sterilisationskammer.
2) Aktivieren Sie den Sterilisationszyklus.
3) Sobald der Zyklus abgeschlossen ist, entnehmen Sie das Gerät vorsichtig und lassen Sie es auf Raumtemperatur abkühlen.
4) Stellen Sie die Unversehrtheit der Verpackung sicher, indem Sie prüfen, ob das Siegel sicher ist und die

Lagerung:

Beachten Sie die vom Verarbeiter festgelegten Lagerbedingungen und Haltbarkeitsrichtlinien.

- Instrumente sollten in einer trockenen, sauberen und feuchtigkeitsfreien Umgebung ohne direkte Sonneneinstrahlung gelagert werden.
- Lagern Sie sie nicht an Orten, an denen Chemikalien ätzende Dämpfe abgeben können oder wo schwankende Luftfeuchtigkeitstemperaturen dazu führen können, dass Dämpfe auf den Instrumenten kondensieren.

Zusätzlich Information:

Die Aufbereitung von Medizinprodukten sollte nur nach validierten Verfahren erfolgen.

Verwendete Symbole auf Beschriftung:

	Hersteller		Unsteril
EC REP	Autorisierter Vertreter in der Europäischen Gemeinschaft		Gebrauchsanweisung beachten
REF	Katalognummer		Von Regen fernhalten
LOT	Chargennummer		Von Sonnenlicht fernhalten
	Siehe Gebrauchsanweisung	SERIAL	Seriennummer

SURTEX INSTRUMENTS

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INSTRUCTIONS POUR LE RETRAITEMENT DES INSTRUMENTS CHIRURGICAUX RÉUTILISABLES

Veuillez lire toutes les informations contenues dans cet encart. L'utilisation d'un appareil pour une tâche autre que celle pour laquelle il est destiné, ainsi qu'un entretien inapproprié, inefficace et insuffisant peuvent réduire considérablement les durée de vie d'un appareil et annulera la garantie de l'appareil. Une manipulation et un entretien incorrects ainsi qu'une mauvaise utilisation peuvent entraîner une usure prématurée ou présenter des dangers pour les patients et les utilisateurs.

DES PRODUITS:

Manches de scalpel, couteaux, scies
Ciseaux
Forceps
Applicateurs de coton
Rasparatoires
Étaux
Canules et seringues
Rongeurs et poinçons
Pinces
Trocarts et lames
Bougies, Spatules
Hollowars, plateaux à instruments
Crochets
Curette et cuillères
Porte-aiguilles
Pinces à tissus et à dissection
Pinces
Laryngoscope
Pinces et poinçons à biopsie
Bâillon
Tourneix
Limes à os/râpes/coupe-ongles/stéries
Aiguille d'aspiration
Passeur de fil/ligature
Pinces de maintien et de coupe des os
Ascenseurs et Ostéotome
Spéculums vaginaux et rectaux
Ciseaux à os et gouges
Spéculums yeux/oreilles/nasaux
Écarteur de côtes et écarteurs
Dilatateurs/décapants
Sondes, aiguilles
Miroirs dentaires
Marteaux et maillets
Pinces à maintien et à torsion des fils
Diapason

UTILISATION PRÉVUE:	Surtex produit des instruments chirurgicaux standards, conçus pour une utilisation de routine dans les procédures chirurgicales générales. Il appartient néanmoins au chirurgien traitant de sélectionner les instruments appropriés pour des procédures spécifiques ou des applications opérationnelles. De plus, le chirurgien est responsable de s'assurer que le personnel de la salle d'opération est correctement formés et informés, et qu'ils possèdent l'expérience requise pour utiliser efficacement les instruments.
AVERTISSEMENTS: ⚠	• Tous les types d'instruments chirurgicaux sont fournis non stériles • Chaque instrument doit subir des processus de nettoyage, de désinfection et de stérilisation avant et après chaque utilisation. • L'utilisation d'agents de nettoyage fortement alcalins ou acides est déconseillée.
Limites sur Retraitement:	• Les instruments chirurgicaux réutilisables sont conçus pour résister à un maximum de 50 cycles de restérilisation.Lorsque les instr uments atteignent ce nombre, ils doivent dans tous les cas être jetés. • Les signes d'usure ou les dommages survenus lors d'interventions chirurgicales signifient généralement la fin de vie d'un produit.
INSTRUCTIONS	
Point d'utilisation:	• Utilisez un chiffon jetable ou une serviette en papier pour essuyer tout excès de débris. • Assurez-vous que tous les instruments sont soumis à un rinçage à l'eau à haute pression
Confinement et transport:	• Il est conseillé de transporter les instruments contaminés dans un contenur hermétique et propre. • Il est recommandé de retraiter l'instrument dans les 2 heures suivant son utilisation.
La préparation pour décontamination:	L'équipement de protection individuelle, y compris des gants, un tablier résistant à l'eau, un écran facial ou des lunettes de sécurité, doit être porté conformément aux instructions du fabricant, pour les produits de nettoyage et de désinfection utilisés.
Nettoyage: Manuellement	Avant le nettoyage manuel et la désinfection manuelle ultérieure effectuez un pré-nettoyage (voir pré-nettoyage ci-dessous) **Equipements:** Un détergent multienzymatique (par exemple Sekusept® MultiEnzyme d'ECOLAB (www.ecolab.com), des brosses à poils souples, un récipient à détergent et de l'eau du robinet. (20 ± 2 ° C) répondant au moins aux normes d'eau potable selon les directives du RKI. 1) Le nettoyant est préparé conformément aux instructions du fabricant (par exemple solution Sekusept® MultiEnzyme 2%). 2) Trempez l'appareil dans une solution de nettoyage. 3) Temps d'exposition conformément aux instructions du fabricant (au moins 15 minutes pour la solution Sekusept® MultiEnzyme 2%). 4) Pendant que l'instrument est immergé, frottez les surfaces extérieures et les crevasses avec une brosse pour éliminer les résidus. 5) Avec la brosse, nettoyez les surfaces internes, les rainures et les trous borgnes de l'instrument au moins 15 fois pour éliminer les contaminants de surface. 6) Pendant le temps d'exposition, lorsque le dispositif est trempé, brossez le canal à l'intérieur des instruments chirurgicaux au moins 15 fois et brossez toutes les autres zones difficiles d'accès et accessibles. zones à l'intérieur de l'appareil pour éliminer toute saleté visible avec une brosse douce. Faites attention aux zones critiques et difficiles d'accès où il n'est pas possible d'évaluer l'efficacité du nettoyage des appareils au moyen d'une inspection visuelle. 7) Sortez l'instrument de la solution de nettoyage. 8) Rincez l'instrument sous l'eau courante du robinet pendant une minute, en vous assurant que toutes les surfaces sont soigneusement lavées. 9) Inspectez l'instrument pour vérifier sa propreté. Si une contamination est visible, répétez les étapes de nettoyage.
Désinfection: Manuellement	**Equipement** : Désinfectant à base de peroxyde (par exemple Sekusept® aktiv d'ECOLAB (www.ecolab.com), réservoir de désinfectant, eau du robinet (20 ± 2°C) d'au moins qualité d'eau potable (conformément à la directive RKI), bain à ultrasons (35 kHz), eau déminéralisée (conformément à la recommandation KRINKO/BfArM exempte de micro-organismes pathogènes facultatifs), une lingette ou une serviette sans peluches ou un pistolet à air comprimé avec de l'air médical comprimé(conformément à la Pharmacopée Européenne), une seringue stérile de 20 ml 1) Préparez la solution désinfectante dans un nettoyeur à ultrasons selon les instructions du fabricant (par exemple une solution à 2 % de Sekusept® aktiv). 2) Immergez complètement l'instrument dans le désinfectant. 3) Respecter le temps d'exposition recommandé par le fabricant (au moins 10 minutes pour une solution à 2% de Sekusept® aktiv). 4) Utilisez une seringue de 20 ml remplie de désinfectant pour rincer les canaux, les trous borgnes et autres zones difficiles d'accès de l'instrument au moins cinq fois. un. Faites attention aux zones où une inspection visuelle n'est pas possible pour vérifier la propreté. 5) Après 5 minutes d'exposition, activez le nettoyeur à ultrasons pendant 5 minutes supplémentaires. 6) Éteignez le nettoyeur à ultrasons. 7) Retirez l'appareil du désinfectant. 8) Rincez l'appareil sous l'eau courante du robinet pendant au moins 1 minute. 9) Effectuez un rinçage secondaire à l'eau déminéralisée. 10) Essuyez l'appareil avec une lingette ou une serviette à usage unique sans peluches ou séchez-le avec un pistolet à air comprimé. Nettoyage et désinfection : automatisés si des saletés visibles restent à l'intérieur

Nettoyage et désinfection: automatique

Si de la saleté visible reste dans les interstices, les trous, les surfaces de jonction, les filetages et autres zones difficiles d'accès : commencez par un pré-nettoyage (voir pré-nettoyage ci-dessus) et poursuivez par un nettoyage manuel. **Equipement :** Laveur-désinfecteur conforme à la norme DIN EN ISO 15883-1+-2 avec programme thermique (température 90-93°C), détergent légèrement alcalin (par ex. Sekumatic® MultiClean 200 ml), lingette ou serviette sans peluches ou pistolet à air connecté à de l'air comprimé de qualité médicale (conforme à la Pharmacopée Européenne).

1) Placez tous les composants des instruments sur un plateau compatible à l'intérieur d'un module support de charge destiné au laveur-désinfecteur, ou connectez-les avec leurs canaux creux, à un module support de charge conçu pour les instruments de chirurgie mini-invasive.
2) Une fois la porte bien fermée, lancez le cycle thermique, avec les paramètres du programme décrits dans le tableau suivant.
3) Une fois le cycle terminé, récupérez les instruments.
4) Inspectez les instruments pour vous assurer qu'ils sont complètement secs. S'il reste de l'humidité, utilisez un chiffon ou une serviette à usage unique non pelucheux pour les sécher, ou bien appliquez un pistolet à air comprimé avec air comprimé pour le séchage.

Program Step	Eau	Dosage	Temps	Temperature
Pré-rinçage	Froide		5 minutes	
Nettoyant dosé		Selon du fabricant instructions		Selon du fabricant instructions
Nettoyage	Eau déminéralisée		10 minutes	55°C
Rincer	Eau déminéralisée		2 minutes	
Désinfection	Eau déminéralisée		Valeur A0 > 3000 (par exemple 5 minutes, 90°C)	
Séchage			15 minutes	Jusqu'à 120°C

Les autorités publiques peuvent adopter d'autres dispositions d'exécution (paramètres pour les performances de désinfection) dans leur domaine de compétence.

Entretien, Inspection et Essai:

Matériel : Lubrifiant stérilisable à la vapeur sans silicone autorisé pour une utilisation sur les produits médicaux selon le fabricant (ex. Sterilit®, spray de B. BRAUN Aesculap ou autres produits fabriqués).

- Sous un éclairage adéquat, examinez toutes les parties de l'instrument à la recherche de toute tache restante. Si des salissures sont détectées, répétez les étapes de nettoyage manuel (y compris le pré-nettoyage) et les processus de désinfection automatisés ou manuels jusqu'à ce que les composants soient visiblement propres.
- Vérifiez l'intégralité de l'instrument, tout dommage et son bon fonctionnement.
- Examinez les composants allongés de l'appareil pour déceler tout signe de flexion ou de distorsion.
- Ne continuez pas avec un instrument endommagé.
- Appliquez un lubrifiant compatible avec la stérilisation à la vapeur sans silicone sur toutes les parties mobiles de l'instrument.

Emballage:

L'emballage doit être placé dans un système de barrière stérile conforme aux normes DIN EN ISO 11607 ou DIN 58953. (À des fins de validation, papier de stérilisation double couche des enveloppes ont été utilisées)

Stérilisation:

Equipement : La stérilisation doit être effectuée à l'aide d'un stérilisateur conforme aux normes DIN EN 13060 et/ou DIN EN 285.

- Utiliser un processus de stérilisation sous vide à des températures allant de 134 °C à 137 °C, avec une durée minimale de stérilisation de 3 à 3,5 minutes.
- Stérilisez l'appareil à l'état démonté.

1) Placez l'appareil emballé dans la chambre du stérilisateur.
2) Activez le cycle de stérilisation.
3) Une fois le cycle terminé, extrayez délicatement l'appareil et laissez-le refroidir à température ambiante.
4) Assurer l'intégrité de l'emballage en vérifiant que le sceau est bien fermé et que le

Stockage:

Respectez les conditions de stockage et les directives relatives à la durée de conservation établies par le transformateur.

- Les instruments doivent être stockés dans un environnement sec, propre et sans humidité, sans rayonnement solaire direct.
- Ne les stockez pas dans des endroits où les produits chimiques peuvent émettre des fumées corrosives ou où les fluctuations de la température et de l'humidité peuvent provoquer la condensation des vapeurs sur les instruments.

Supplémentaire Information:

Le traitement des dispositifs médicaux ne doit être effectué qu'à l'aide de procédures validées.

Symboles utilisés sur Étiquetage :

	Fabricante		Non stérile
EC REP	Représentant autorisé dans la Communauté européenne		Consulter les instructions d'utilisation
REF	Numéro de catalogue		Tenir à l'abri de la pluie
LOT	Numéro de lot		Tenir à l'écart du soleil
	Voir les instructions d'utilisation	SERIAL	Numéro de série

SURTEX INSTRUMENTS

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INSTRUCCIONES PARA EL REPROCESAMIENTO DE INSTRUMENTOS QUIRÚRGICOS REUTILIZABLES

Por favor lea toda la información contenida en este inserto. El uso de un dispositivo para una tarea distinta a aquella para la que está destinado, así como un mantenimiento inadecuado, ineficaz e insuficiente pueden reducir en gran medida el vida útil de un dispositivo e invalidará la garantía del dispositivo. El manejo y cuidado incorrectos, así como el mal uso, pueden provocar un desgaste prematuro o causar peligros a los pacientes y usuarios.

PRODUCTOS:

Mangos De Bisturi, Cuchillos, Sierras
Tijeras
Pinzas
Aplicadores de algodón
raspatorios
Calibrador
Cánulas y jeringas
Pinzas y punzones
trampas
Trocaras y cuchillas
Bougias, Espatulas
Holloware, Bandejas para instrumentos
Manos
cureta y palas
Portaagujas
Pinzas de tejido y disección
Abrazaderas
Laringoscopio
Pinzas y punzones para biopsia
montada en la broca
Destornilladores
Limas/escofinas/cortadoras para huesos/punzones
aguja de aspiración
Pasador de alambre/ligadura
Pinzas para sujetar y cortar huesos
Ascensores y Osteotomo
Espéculos vaginales y rectales
Cincel para huesos y gubias
Espéculos para ojos/oídos/nasales
Separador de costillas y retractores
Dilatadores/strippers
Sondas, agujas
Espejos dentales
Martillos y mazos
Pinzas para sujetar y torcer cables
Diapasón

USO PREVISTO:	Surtex produce instrumentos quirúrgicos estándar, diseñados para uso rutinario en procedimientos quirúrgicos generales. Sin embargo, es responsabilidad del cirujano tratante seleccionar los instrumentos adecuados para procedimientos o aplicaciones operativas específicas. Además, el cirujano es responsable de garantizar que el personal del quirófano esté adecuadamente capacitados e informados, y que poseen la experiencia necesaria para utilizar los instrumentos de manera eficaz.
ADVERTENCIAS: ⚠	• Todo tipo de instrumental quirúrgico se suministra sin esterilizar. • Cada instrumento debe someterse a procesos de limpieza, desinfección y esterilización antes y después de cada uso. • Se desaconseja el uso de agentes de limpieza fuertes alcalinos o ácidos
Limitaciones en Reprocesamiento:	• Los instrumentos quirúrgicos reutilizables están diseñados para soportar un máximo de 50 ciclos de reesterilización. Cuando los instrumentos alcancen ese número, deberán ser desechados en cualquier caso. • Los signos de desgaste o daño ocurridos durante los procedimientos quirúrgicos generalmente indican el final de la vida útil de un producto.
INSTRUCCIONES	
Punto de uso:	• Utilice un paño desechable o una toalla de papel para limpiar el exceso de residuos. • Asegúrese de que todos los instrumentos estén sujetos a un enjuague con agua a alta presión.
Contención y transporte:	• Es aconsejable transportar los instrumentos contaminados en un recipiente limpio y sellado. • Es una buena práctica reprocesar el instrumento dentro de las 2 horas posteriores a su uso.
Preparación para descontaminación:	Se debe usar equipo de protección personal, incluidos guantes, delantal resistente al agua, careta o gafas de seguridad, de acuerdo con las instrucciones del fabricante de los agentes limpiadores y desinfectantes utilizados.
Limpieza: A mano	Antes de la limpieza manual y la posterior desinfección manual: Realice una limpieza previa (consulte la limpieza previa más arriba). **Equipos:** un detergente multienzimático (por ejemplo, Sekusept® MultiEnzyme de ECOLAB (www.ecolab.com), cepillos de cerdas suaves, un recipiente para detergente y agua del grifo (20 ± 2°C) que cumpla al menos con los estándares de agua potable según las pautas del RKI. 1) El limpiador se prepara según las instrucciones del fabricante (p. ej., solución Sekusept® MultiEnzyme al 2%). 2) Remoje el dispositivo en una solución limpiadora. 3) Tiempo de exposición según las instrucciones del fabricante (al menos 15 minutos para Sekusept® MultiEnzyme solución al 2%). 4) Mientras el instrumento está sumergido, frote las superficies exteriores y las grietas con un cepillo para eliminar los residuos. 5) Con el cepillo, limpie las superficies internas, ranuras y orificios ciegos del instrumento al menos 15 veces para eliminar contaminantes de la superficie. 6) Durante el tiempo de exposición, mientras el dispositivo está empapado, cepille el canal dentro de los instrumentos quirúrgicos al menos 15 veces y cepille todas las demás áreas accesibles y de difícil acceso, áreas dentro del dispositivo para eliminar toda la suciedad visible con un cepillo suave. Preste atención a las zonas críticas y de difícil acceso donde no es posible evaluar la eficacia de limpieza de los dispositivos mediante inspección visual. 7) Saque el instrumento de la solución limpiadora. 8) Enjuague el instrumento con agua corriente durante un minuto, asegurándose de que todas las superficies estén bien lavadas. 9) Inspeccione la limpieza del instrumento. Si la contaminación es visible, repita los pasos de limpieza.
Disinfection: Manually	**Equipo:** Desinfectante a base de peróxido (p. ej. Sekusept® aktiv de ECOLAB (www.ecolab.com), tanque de desinfectante, agua del grifo (20 ± 2°C) de al menos calidad potable (según las directrices del RKI), baño de ultrasonidos (35 kHz), agua desionizada (según la recomendación KRINKO/BfArM libre de microorganismos patógenos facultativos), paño o toalla sin pelusas o pistola de aire comprimido con aire médico (según la Farmacopea Europea), una jeringa estéril de 20 ml. 1) Prepare la solución desinfectante en un limpiador ultrasónico según las instrucciones del fabricante (p. ej., una solución al 2 % de Sekusept® aktiv). 2) Sumerja completamente el instrumento en el desinfectante. 3) Respete el tiempo de exposición recomendado por el fabricante (al menos 10 minutos para una solución al 2% de Sekusept® aktiv). 4) Utilice una jeringa de 20 ml llena de desinfectante para lavar los canales del instrumento, los orificios ciegos y otras áreas de difícil acceso al menos cinco veces. a. Preste atención a las áreas donde la inspección visual no es factible para verificar la limpieza. 5) Después de 5 minutos de exposición, active el limpiador ultrasónico durante 5 minutos más. 6) Apague el limpiador ultrasónico. 7) Retire el dispositivo del desinfectante. 8) Enjuague el dispositivo con agua corriente durante al menos 1 minuto. 9) Realice un enjuague secundario con agua desionizada. 10) Limpie el dispositivo con un paño o toalla de un solo uso y sin pelusas o séquelo con una pistola de aire comprimido. Limpieza y desinfección: Automatizada Si queda suciedad visible en

Limpieza y desinfección: Automatizado

Si queda suciedad visible en huecos, agujeros, superficies de unión, roscas y otras áreas de difícil acceso: comience con la limpieza previa (consulte la limpieza previa arriba) y continúe con la limpieza manual. **Equipamiento:** Lavadora desinfectadora según DIN EN ISO 15883-1+-2 con programa térmico (temperatura 90-93oC), detergente ligeramente alcalino (p. ej. Neumatic®: MultiClean 200 ml), toalla/toalla sin pelusas o pistola desire comprimido conectada a aire comprimido degrado médico (según Farmacopea Europea).

1) Coloque todos los componentes de los instrumentos en una bandeja compatible dentro de un módulo portacargas designado para la lavadora desinfectadora, o conéctelos con sus canales huecos, a un módulo portador de carga diseñado para instrumentos de cirugía mínimamente invasiva.
2) Una vez que la puerta este bien cerrada, inicie el ciclo térmico, con los parámetros del programa descritos en la siguiente tabla.
3) Al finalizar el ciclo, recuperar los instrumentos.
4) Inspeccione los instrumentos para asegurarse de que estén completamente secos. Si queda humedad, utilice un paño o toalla de un solo uso y sin pelusa para secarlos o, alternativamente, aplique una pistola de aire comprimido con aire comprimido para el secado.

Paso del programa	Agua	Dosis	Tiempo	Temperatura
Pre-enjuague	Fría		5 minutos	
Limpiador dosificado		De acuerdo a del fabricante instrucciones		De acuerdo a del fabricante instrucciones
Cleaning	Deionized water		10 minutos	55°C
Rinse	Deionized water		2 minutos	
Disinfection	Deionized water		Valor de Ao >3000 (por ejemplo, 5 minutos, 90oC)	
El secado			15 minutos	Hasta 120°C

Las autoridades públicas podrán adoptar otras disposiciones de aplicación (parámetros para la eficacia de la desinfección) dentro de su ámbito de responsabilidad.

Mantenimiento, Inspección y Pruebas:

Equipo: Lubricante esterilizable por vapor sin silicona, permitido para su uso en productos médicos según el fabricante (p. ej. Sterilit®, spray de B. BRAUN Aesculap u otros fabricados).

- Bajo una iluminación adecuada, examine todas las partes del instrumento en busca de restos de tierra. Si se detecta suciedad, repita los pasos de limpieza manual (incluida la limpieza previa) y los procesos de desinfección automatizados o manuales hasta que los componentes estén visiblemente limpios.
- Verifique que el instrumento este completo, que no haya daños y que funcione correctamente.
- Examine los componentes alargados del dispositivo en busca de signos de flexión o distorsión.
- No continúe con ningún instrumento dañado.
- Aplique un lubricante compatible con la esterilización por vapor sin silicona a todas las partes móviles del instrumento.

Embalaje:

El embalaje debe estar en un sistema de barrera estéril que cumpla con las normas DIN EN ISO 11607 o DIN 58953. (Para fines de validación, se utilizará papel de esterilización de doble capa se emplearon envolturas)

Esterilización:

Equipo: La esterilización debe realizarse utilizando un esterilizador que cumpla con las normas DIN EN 13060 y/o DIN EN 285.

- Emplee un proceso de esterilización previo al vacío a temperaturas que oscilan entre 134 °C y 137 °C, con una duración mínima de esterilización de 3 a 3,5 minutos.
- Esterilice el dispositivo en su estado desmontado.

1) Coloque el dispositivo empaquetado en la cámara del esterilizador.
2) Activar el ciclo de esterilización.
3) Una vez completado el ciclo, extraiga con cuidado el dispositivo y déjelo enfriar a temperatura ambiente.
4) Asegure la integridad del paquete verificando que el sello esté seguro y que el

Almacenamiento:

Respete las condiciones de almacenamiento y las pautas de vida útil establecidas por el procesador.

- Los instrumentos deben almacenarse en un ambiente seco, limpio y libre de humedad, sin irradiación solar directa.
- No los almacene en lugares donde los productos químicos puedan emitir vapores corrosivos o donde las fluctuaciones de temperatura y humedad puedan provocar que los vapores se condensen en los instrumentos.

Adicional Información:

El procesamiento de dispositivos médicos solo debe realizarse mediante procedimientos validados.

Simbolos utilizados en Etiquetado:

	Fabricante		No estéril
EC REP	Representante autorizado en la Comunidad Europea		Consultar instrucciones de uso
REF	Numero de catalogo		Mantener alejado de la lluvia
LOT	Numero de lote		Mantener alejado de la luz solar
	Ver instrucciones de uso	SERIAL	Numero de serie

SURTEX INSTRUMENTS

Crafted to Excellence

ISTRUZIONI PER IL RIGENERAZIONE DEGLI STRUMENTI CHIRURGICI RIUTILIZZABILI

Si prega di leggere tutte le informazioni contenute in questo inserto. L'utilizzo di un apparecchio per un compito diverso da quello a cui è destinato, così come una manutenzione impropria, inefficace ed insufficiente possono ridurne notevolmente i costi durata del dispositivo e ne invalideranno la garanzia. Una manipolazione e una cura errate nonché un uso improprio possono comportare un'usura prematura o causare pericoli per pazienti e utenti.

PRODOTTI:

- Manici per bisturi, coltelli, seghe
- Forbici
- Pinza
- Applicatori di cotone
- Rasatori
- Cutteri
- Cannule e siringhe
- Rongeurs e pogni
- Rullanti
- Trocar e rame
- Bougies. Spatole
- Holloware. Vassoi per strumenti
- Ganci
- Curette e misurini
- Porta aghi
- Pinze per tessuti e dissezione
- Morsetti
- Laringoscopio
- Pinze e punzoni per biopsia
- Bavaglini alla bocca
- Cacciaviti
- Lima/raspa/tronchesi/punteruoli per ossa
- Ago di aspirazione
- Passafilo/legatura
- Pinze per trattenere o tagliare ossa
- Elevatori e osteotomi
- Speculum vaginali e rettali
- Scalpello e sgorbie per ossa
- Speculum per occhi/orecchie/naso
- Divaricatore e divaricatore per costole
- Dilatatori/spogliarelliche
- Sonde, aghi
- Specchi dentali
- Martelli a mazza
- Pinze per presa e torsione del filo
- Diapason

USO PREVISTO:	Surtex produce strumenti chirurgici standard, progettati per l'uso di routine nelle procedure chirurgiche generali. Tuttavia, la scelta e responsabilità del chirurgo curante gli strumenti adeguati per specifiche procedure o applicazioni operative. Inoltre, il chirurgo è responsabile di garantire che il personale della sala operatoria sia adeguatamente operativo formati e informati e che possiedano l'esperienza necessaria per utilizzare gli strumenti in modo efficace.
AVVERTENZE: ⚠	• Tutti i tipi di strumenti chirurgici vengono forniti non sterili. • Ogni strumento deve essere sottoposto a processi di pulizia, disinfezione e sterilizzazione prima e dopo ogni utilizzo. • Si sconsiglia l'utilizzo di detergenti fortemente alcalini o acidi.
Limitazioni su Ritrattamento:	• Gli strumenti chirurgici riutilizzabili sono progettati per resistere ad un massimo di 50 cicli di risterilizzazione. Quando gli strumenti raggiungono tale numero sono da eliminare in ogni caso. • Segni di usura o danni subiti durante le procedure chirurgiche in genere indicano la fine della vita di un prodotto.
ISTRUZIONI	
Punto di utilizzo:	• Utilizzare un panno usa e getta o un tovagliolo di carta per rimuovere eventuali detriti in eccesso. • Assicurarsi che tutti gli strumenti siano sottoposti a un risciacquo con acqua ad alta pressione.
Contenimento e trasporto:	• Si consiglia di trasportare gli strumenti contaminati in un contenitore sigillato e pulito. • È consigliabile ricondizionare lo strumento entro 2 ore dall'uso.
Preparazione per decontaminazione:	I dispositivi di protezione individuale, inclusi guanti, grembiule resistente all'acqua, una visiera o occhiali di sicurezza, devono essere indossati secondo le istruzioni del produttore per i detergenti e disinfettanti utilizzati.
Pulizia: Manualmente	Prima della pulizia manuale e della successiva disinfezione manuale: eseguire la pre-pulizia (vedere pre-pulizia sopra). **Attrezzatura:** un detergente multienzimatico (ad esempio Sekusept® MultiEnzyme di ECOLAB (www.ecolab.com), spazzole a setole morbide, un contenitore per detersivo e acqua del rubinetto (20 ± 2°C) che soddisfi almeno gli standard dell'acqua potabile secondo le linee guida RKI. 1) Il detergente è preparato secondo le istruzioni del produttore (ad esempio Sekusept® MultiEnzyme soluzione al 2%). 2) Immergere il dispositivo nella soluzione detergente. 3) Tempo di esposizione secondo le istruzioni del produttore (almeno 15 minuti per la soluzione Sekusept® MultiEnzyme al 2%). 4) Mentre lo strumento è immerso, strofinare le superfici esterne e le eventuali fessure con una spazzola per rimuovere i residui. 5) Con lo spazzolino pulire almeno 15 volte le superfici interne dello strumento, le scanalature e i fori ciechi per eliminare i contaminanti superficiali. 6) Durante il tempo di esposizione, mentre il dispositivo è bagnato, spazzolare il canale all'interno degli strumenti chirurgici per almeno 15 volte e spazzolare tutte le altre aree difficili da raggiungere e accessibili aree all'interno del dispositivo per rimuovere tutto lo sporco visibile con una spazzola morbida. Prestare attenzione alle zone critiche e difficili da raggiungere dove non è possibile valutare l'efficacia della pulizia dei dispositivi mediante ispezione visiva. 7) Estrarre lo strumento dalla soluzione detergente. 8) Sciacquare lo strumento sotto acqua corrente per un minuto, assicurandosi che tutte le superfici siano accuratamente lavate. 9) Ispezionare lo strumento per verificarne la pulizia. Se la contaminazione è visibile, ripetere le fasi di pulizia.
Disinfezione: Manualmente	**Attrezzatura:** disinfettante a base di perossido (ad esempio Sekusept® aktiv di ECOLAB (www.ecolab.com), serbatoio disinfettante, acqua di rubinetto (20 ± 2°C) almeno di qualità potabile (secondo la direttiva RKI), bagno a ultrasuoni (35 kHz), acqua demineralizzata (secondo la raccomandazione KRINKO/BfArM priva di microrganismi patogeni facoltativi), un panno o un asciugamano anti-pelucchi o una pistola ad aria compressa con aria medicale compressa (conforme alla Farmacopea Europea), una siringa sterile da 20 ml. 1) Preparare la soluzione disinfettante in una lavatrice ad ultrasuoni secondo le istruzioni del produttore (ad esempio una soluzione al 2% di Sekusept® aktiv). 2) Immergere completamente lo strumento nel disinfettante. 3) Rispettare il tempo di esposizione consigliato dal produttore (almeno 10 minuti per una soluzione al 2% di Sekusept® aktiv). 4) Utilizzare una siringa da 20 ml riempita di disinfettante per lavare i canali dello strumento, i fori ciechi e altre aree difficili da raggiungere almeno cinque volte. UN. Prestare attenzione alle aree in cui non è possibile effettuare un'ispezione visiva per verificarne la pulizia. 5) Dopo 5 minuti di esposizione, attivare il pulitore ad ultrasuoni per altri 5 minuti. 6) Spegnere il pulitore ad ultrasuoni. 7) Rimuovere il dispositivo dal disinfettante. 8) Sciacquare il dispositivo sotto l'acqua corrente del rubinetto per almeno 1 minuto. 9) Eseguire un risciacquo secondario utilizzando acqua demineralizzata. 10) Pulire il dispositivo con una salvietta o un asciugamano monouso senza pelucchi oppure asciugarlo con una pistola ad aria compressa. Pulizia e disinfezione: automatizzata se rimane sporco visibile.

Pulizia e disinfezione: Automatizzato

Se rimane dello sporco visibile negli spazi vuoti, nei fori, nelle superfici di giunzione, nelle filettature e in altre aree difficili da raggiungere: iniziare con la pre-pulizia (vedere pre-pulizia sopra) e continuare con la pulizia manuale. **Dotazione:** termodisinfettore conforme alla norma DIN EN ISO 15883-1+-2 con programma termico (temperatura 90-93oC), detergente leggermente alcalino (ad es. Sekumatic® MultiClean 200 ml), una salvietta o un asciugamano anti-pelucchi o una pistola ad aria collegata ad aria compressa di grado medico (secondo la Farmacopea Europea).

1) Posizionare tutti i componenti degli strumenti su un vassoio compatibile all'interno di un modulo di carico previsto per il termodisinfettore o collegarli con i relativi canali cavi a un modulo portacarico progettato per strumenti chirurgici minimamente invasivi.
2) Una volta chiusa saldamente la porta, avviare il ciclo termico, con i parametri del programma indicati nella tabella seguente.
3) Al termine del ciclo recuperare gli strumenti.
4) Ispezionare gli strumenti per assicurarsi che siano completamente asciutti. Se rimane dell'umidità, utilizzare un panno o un asciugamano monouso privo di lanugine per asciugarli o, in alternativa, applicare una pistola ad aria compressa con aria compressa per l'asciugatura.

Fase del programma	Acqua	Dosaggio	Tempo	Temperatura
Prerisciacquo	Fredda		5 minuti	
Dosage cleaner		Secondo del produttore istruzioni		Secondo del produttore istruzioni
Pulizia	Acqua demineralizzata		10 minuti	55°C
Risciacquo	Acqua demineralizzata		2 minuti	
Disinfezione	Acqua demineralizzata		Valore Ao >3000 (ad esempio 5 minuti, 90°C)	
Essiccazione			15 minuti	Fino a 120°C

Public authorities may adopt other implementing provisions (parameters for disinfection performance) within their field of responsibility

Manutenzione, Ispezione e Test:

Attrezzatura: lubrificante sterilizzabile a vapore privo di silicone consentito per l'uso su prodotti medici secondo il produttore (ad es. Sterilit®, spray di B. BRAUN Aesculap o altri fabbricanti).

- Sotto un'illuminazione adeguata, esaminare attentamente tutte le parti dello strumento per individuare eventuali residui di tessuto. Se viene rilevata sporcizia, ripetere le fasi di pulizia manuale (inclusa la pre-pulizia) e i processi di disinfezione automatizzati o manuali finché i componenti non sono visibilmente puliti.
- Verificare la completezza dello strumento, eventuali danni e il corretto funzionamento.
- Esaminare i componenti allungati del dispositivo per individuare eventuali segni di piegatura o distorsione.
- Non procedere con strumenti danneggiati.
- Applicare un lubrificante compatibile con la sterilizzazione a vapore privo di silicone su tutte le parti mobili dello strumento.

Confezione:

L'imballaggio deve essere realizzato in un sistema di barriera sterile conforme agli standard DIN EN ISO 11607 o DIN 58953. (A scopo di convalida, carta per sterilizzazione a doppio strato sono stati utilizzati gli involucri)

Confezione:

Attrezzatura: la sterilizzazione deve essere eseguita utilizzando uno sterilizzatore conforme alle norme DIN EN 13060 e/o DIN EN 285.

- Utilizzare un processo di sterilizzazione pre-vuoto a temperature comprese tra 134°C e 137°C, con una durata minima di sterilizzazione compresa tra 3 e 3,5 minuti.
- Sterilizzare il dispositivo nel suo stato smontato.

1) Posizionare il dispositivo confezionato nella camera dello sterilizzatore.
2) Attivare il ciclo di sterilizzazione.
3) Una volta terminato il ciclo, estrarre con attenzione il dispositivo e lasciarlo raffreddare a temperatura ambiente.
4) Garantire l'integrità del pacco controllando che il sigillo sia ben saldo e la

Magazzinaggio:

Rispettare le condizioni di conservazione e le linee guida sulla durata di conservazione stabilite dall'azienda di trasformazione.

- Gli strumenti devono essere conservati in un ambiente asciutto, pulito e privo di umidità, senza irradiazione solare diretta.
- Non conservarli in luoghi in cui le sostanze chimiche possono emettere fumi corrosivi o dove le fluttuazioni della temperatura e dell'umidità possono causare la condensazione dei vapori sugli strumenti.

Ulteriori Informazione:

Il trattamento dei dispositivi medici deve essere effettuato esclusivamente utilizzando procedure convalidate.

Simboli utilizzati su Etichettatura:

	Produttrice		Non sterile
EC REP	Rappresentante Autorizzato nella Comunità Europea		Consultare le istruzioni per l'uso
REF	Numero di catalogo		Tenere lontano dalla pioggia
LOT	Numero di lotto		Tenere lontano dalla luce solare
	Vedi le istruzioni per l'uso	SERIAL	Numero di serie

SURTEX INSTRUMENTS

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INSTRUCTIES VOOR HERVERWERKING VAN HERBRUIKBARE CHIRURGISCHE INSTRUMENTEN

Lees alle informatie in deze bijsluiter. Het gebruik van een apparaat voor een andere taak dan waarvoor het bedoeld is, evenals onvoldoende onderhoud kunnen de levensduur van een apparaat en vervalt de garantie van het apparaat. Onjuiste behandeling en onderhoud, evenals misbruik, kunnen tot voortijdige slijtage leiden of gevaren voor patiënten en gebruikers veroorzaken.

PRODUCTEN:

Scalpelhandvatten, messen, zagen
Schaar
Tang
Kateters applicators
Raspatorien
Remklauwen
Canules en spuiten

Rongeurs en stoten
stikken
Trocars en messen
Bougies, Spatels
Hollowware, Instrumenten Trays
Haken
Curette en scheppes

Naaldhouders
Weefsel- en orthedpincetten
Klemmen
Laryngoscoop
Slopsektangen en stoten
Mondknevel
Schroevendraaiers

Botvijlen/raspen/knijptangen/prikmen
Aspiratienaald
Draad-/lijntuurpasser
Bothoud- en snijtang
Liften en osteotoom
Vaginale en rectale speculums
Beitelstel en gutsen

Oog/oorneusspeculums
Ribspreider en oprolmechanismen
Dilators/strippers
Sondes, naalden
Tandheelkundige spiegels
Hamers en hamers
Draadvasthoud- en draaiprocit
Stemwerk

BEDOGD GEBRUIK:	Surtex produceert de standaard chirurgische instrumenten, ontworpen voor routinematig gebruik bij algemene chirurgische ingrepen. Niettemin is het de verantwoordelijkheid van de behandelend chirurg om te selecteren de geschikte instrumenten voor specifieke procedures of operatieve toepassingen. Bovendien is de chirurg er verantwoordelijk voor dat het personeel in de operatiekamer adequaat is opgeleid en geïnformeerd zijn, en dat zij over de nodige ervaring beschikken om de instrumenten effectief te kunnen gebruiken.
WAARSCHUWINGEN: ⚠	• Alle soorten chirurgische instrumenten worden niet-steriel geleverd. • Elk instrument moet voor en na elk gebruik een reinigings-, desinfectie- en sterilisatieproces ondergaan. • Het gebruik van sterk alkalische of zure reinigingsmiddelen wordt afgeraden.
Beperkingen aan Herverwerking:	• Herbruikbare chirurgische instrumenten zijn ontworpen om maximaal 50 hersterilisatiecycli te doorstaan. Wanneer de instrumenten dat aantal bereiken, moeten ze in ieder geval worden weggegooid. • Tekenen van slijtage of schade opgelopen tijdens chirurgische ingrepen duiden doorgaans op het einde van de levensduur van een product.
INSTRUCTIES	
Gebruikspunt:	• Gebruik een wegwerpdoek of papieren handdoek om overtollig vuil weg te vegen. • Zorg ervoor dat alle instrumenten worden onderworpen aan een hogedrukwaterspoeling.
Insluiting en vervoer:	• Het is raadzaam om besmette instrumenten in een afgesloten en schone container te vervoeren. • Het is het beste om het instrument binnen 2 uur na gebruik opnieuw te verwerken.
Voorbereiding voor decontaminatie:	Persoonlijke beschermingsmiddelen, waaronder handschoenen, een waterbestendig schort, een gelaatsscherm of een veiligheidsbril, moeten worden gedragen in overeenstemming met de instructies van de fabrikant voor de gebruikte reinigings- en desinfectiemiddelen.
Schoonmaak: Handmatig	Voorafgaand aan de handmatige reiniging en daaropvolgende handmatige desinfectie: Voer een voorreiniging uit (zie de voorreiniging hierboven). **Uitrusting:** een multi-enzymatisch waasmiddel (bijvoorbeeld Sekusept® MultiEnzyme van ECOLAB (www.ecolab.com), borstels met zachte haren, een container voor waasmiddel en leidingwater (20 ± 2°C) voldoet ten minste aan de drinkwaternormen volgens de RKI-richtlijnen. 1) De reiniger wordt bereid volgens de instructies van de fabrikant (bijv. Sekusept® MultiEnzyme 2% oplossing). 2) Dompel het apparaat in een reinigingsoplossing. 3) Blootstellingstijd volgens de instructies van de fabrikant (minimaal 15 minuten voor Sekusept® MultiEnzyme 2% oplossing). 4) Terwijl het instrument ondergedompeld is, schrobt u de buitenoppervlakken en eventuele spleten met een borstel om resten te verwijderen. 5) Reinig de interne oppervlakken, groeven en blinde gaten van het instrument minstens 15 keer met de borstel om oppervlaktovervuilingen te verwijderen. 6) Tijdens de blootstellingstijd, terwijl het apparaat doordrenkt is, borstelt u het kanaal in de chirurgische instrumenten minstens 15 keer, en borstelt u alle andere moeilijk bereikbare en toegankelijke plaatsen, gebieden in het apparaat om al het zichtbare vuil met een zachte borstel te verwijderen. Besteed aandacht aan de kritieke en moeilijk bereikbare plaatsen waar niet mogelijk is om de reinigingseffectiviteit van de apparaten te beoordelen door middel van visuele inspectie. 7) Haal het instrument uit de reinigingsoplossing. 8) Spoel het instrument gedurende één minuut af onder stromend kraanwater en zorg ervoor dat alle oppervlakken grondig worden gewassen. 9) Inspecteer het instrument op netheid. Als er vervuiling zichtbaar is, herhaal dan de reinigingsstappen.
Desinfectie: Handmatig	**Apparatuur:** Desinfectiemiddel op peroxidebasis (bijv. Sekusept® aktiv van ECOLAB (www.ecolab.com), desinfectiemiddelbak, leidingwater (20 ± 2°C) van minimaal drinkwaterkwaliteit (conform RKI-richtlijn), ultrasoonbad (35 kHz), gedemineraliseerd water (conform KRINKO/BfArM-aanbeveling vrij van facultatief pathogene micro-organismen), pluisvrij doekje of handdoek of luchtpistool met medische perslucht (conform Europese Farmacopee), een steriele spuit van 20 ml. 1) Bereid de desinfecterende oplossing in een ultrasone reiniger volgens de instructies van de fabrikant (bijvoorbeeld een 2% oplossing van Sekusept® aktiv). 2) Dompel het instrument volledig onder in het desinfectiemiddel. 3) Houd u aan de door de fabrikant aanbevolen inwerktijd (minimaal 10 minuten voor een 2% oplossing van Sekusept® aktiv). 4) Gebruik een spuit van 20 ml gevuld met desinfectiemiddel om de kanalen, blinde gaten en andere moeilijk bereikbare plaatsen van het instrument minstens vijf keer door te spoelen. A. Besteed aandacht aan gebieden waar visuele inspectie niet mogelijk is om de netheid te verifiëren. 5) Activeer na 5 minuten inwerktijd de ultrasoonreiniger nog eens 5 minuten. 6) Schakel de ultrasoonreiniger uit. 7) Haal het apparaat uit het desinfectiemiddel. 8) Spoel het apparaat minimaal 1 minuut af onder stromend kraanwater. 9) Voer een secundaire spoeling uit met gedemineraliseerd water. 10) Veeg het apparaat af met een pluisvrij doekje of handdoek voor eenmalig gebruik, of droog het met een luchtpistool met perslucht. Reiniging en desinfectie. Geautomatiseerd Als zichtbaar vuil achterblijft.

Schoonmaken en desinfectie: Geautomatiseerd

Als er zichtbaar vuil achterblijft in spleten, gaten, verbindingsoppervlakken, schroefdraden en andere moeilijk bereikbare plaatsen. Begin met de voorreiniging (zie de voorreiniging hierboven) en ga verder met de handmatige reiniging. **Uitrusting:** Wasmachine-desinfector volgens DIN EN ISO 15883-1 + -2 met thermisch programma (temperatuur 90-93oC), mild alkalisch reinigingsmiddel (bijv. Sekumatic® MultiClean 200 ml), pluisvrij doekje of handdoek of luchtpistool aangesloten op perslucht van medische kwaliteit (conform Europese Farmacopee).

1) Plaats alle componenten van de instrumenten op een compatibele tak in een lastdragermodule die bedoeld is voor de endoscopendesinfector, of verbind ze met hun holle kanalen tot een lastdragermodule die is ontworpen voor minimaal invasieve chirurgische instrumenten.
2) Zodra de deur goed gesloten is, start u de thermische cyclus, met de programmaparameters die in de volgende tabel worden beschreven.
3) Na voltooiing van de cyclus haalt u de instrumenten eruit.
4) Inspecteer de instrumenten om er zeker van te zijn dat ze volledig droog zijn. Als er vocht achterblijft, gebruik dan een pluisvrije doek of handdoek voor eenmalig gebruik om deze te drogen, of gebruik eventueel een luchtpistool met perslucht voor het drogen.

Programma Stap	Water	Dosering	Tijd	Temperatuur
Voorspoelen	Koud		5 minuten	
Dosering reiniger		Volgens fabrikant instructies		Volgens fabrikant instructies
Schoonmaak	Gedeioniseerd water		10 minuten	55°C
Afspoelen	Gedeioniseerd water		2 minuten	
Disinfection	Gedeioniseerd water		Ao value >3000 (e.g. 5 minuten, 90oC)	
Drogen			15 minuten	Tot 120°C

Overheidsinstanties kunnen binnen hun verantwoordelijkheidsgebied andere uitvoeringsbepalingen (parameters voor desinfectieresistaties) vaststellen

Onderhoud, Inspectie en Testen:

Uitrusting: Siliconenvrij stoomsterilisatieerbaar smeermiddel toegestaan voor gebruik op medische producten volgens de fabrikant (bijv. Sterilit®, spray van B. BRAUN Aesculap of andere vergelijkbare).

- Onderzoek bij voldoende verlichting alle onderdelen van het instrument nauwkeurig op eventueel achtergebleven vuil. Als er vuil wordt gedetecteerd, herhaal dan de handmatige reinigingsstappen (inclusief voorreiniging) en ofwel de geautomatiseerde of handmatige desinfectieprocessen totdat de componenten zichtbaar schoon zijn.
- Controleer het instrument op volledigheid, eventuele schade en juiste functionaliteit.
- Onderzoek langwerpige onderdelen van het apparaat op tekenen van verbuiging of vervorming.
- Ga niet verder met een beschadigd instrument.
- Breng een siliconenvrij smeermiddel aan dat geschikt is voor stoomsterilisatie op alle bewegende delen van het instrument.

Verpakking:

De verpakking moet zich in een steriel barrièresysteem bevinden dat voldoet aan de normen DIN EN ISO 11607 of DIN 58953. (Voor validatiedoeleinden dubbellaags sterilisatiepapier er werden wraps gebruikt)

Sterilisatie:

Uitrusting: Sterilisatie moet worden uitgevoerd met behulp van een sterilisator die voldoet aan de normen DIN EN 13060 en/of DIN EN 285.

- Gebruik een prevacuümsterilisatieproces bij temperaturen variërend van 134°C tot 137°C, met een minimale sterilisatieduur van 3 tot 3,5 minuten.
- Steriliseer het apparaat in gedemonteerde staat.

1) Plaats het verpakte apparaat in de sterilisatiekamer.
2) Activeer de sterilisatiecyclus.
3) Zodra de cyclus is voltooid, haalt u het apparaat voorzichtig eruit en laat u het afkoelen tot kamertemperatuur.
4) Zorg ervoor dat de verpakking intact is door te controleren of de verzegeling goed vastzit en of de verpakking goed is

Opslag:

Houd u aan de bewaarcondities en houdbaarheidsrichtlijnen opgesteld door de verwerker.

- Instrumenten moeten worden bewaard in een droge, schone en vochtvrije omgeving, zonder directe zonnestraling.
- Bewaar ze niet op plaatsen waar chemicaliën corrosieve dampen kunnen afgeven of waar fluctuerende temperatuur of vochtigheid ervoor kunnen zorgen dat dampen op de instrumenten condenseren.

Aanvullend Informatie:

Verwerking van medische hulpmiddelen mag alleen worden uitgevoerd met behulp van gevalideerde procedures.

Symbolen gebruikt op Etikettering:

	Fabrikant		Niet-steriel
EC REP	Geautoriseerde vertegenwoordiger in de Europese Gemeenschap		Raadpleeg de gebruiksaanwijzing
REF	Catalogus nummer		Blijf uit de buurt van regen
LOT	Lotnummer		Uit de buurt van zonlicht houden
	Zie gebruiksaanwijzing	SERIAL	Serienummer

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SURTEX
INSTRUMENTS

Crafted to Excellence

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