



STILLE Surgical Instruments

## Kirurgisk perfektion i mer än 180 år

I mer än 180 år har vi utvecklat och tillverkat de bästa kirurgiska instrumenten till världens mest krävande kirurger. Vi vill rikta ett stort tack till alla våra trogna kunder och samtidigt välkomna våra nya kunder. I den här katalogen presenterar vi vårt kompletta sortiment av STILLES original instrument.

Precision, hållbarhet och känsla är typiska egenskaper för alla STILLE-instrument. Den stora majoriteten är handgjorda av våra skickliga instrumentmakare Eskilstuna. Instrumentets resa från rundstål till ett färdigt instrument är lång, och består av många tillverkningssteg. STILLES unika tillverkningsmetod och användning av enbart det bästa materialet ger våra instrument deras unika känsla och hållbarhet.

I det första kapitlet hittar du våra saxar, allt från vanliga operationssaxar till våra unika SuperCut och Diamond SuperCut-saxar. Du hittar även STILLES pincetter, våra eleganta nålförare, peanger, klämmare, tänger, kyretter och hakar samt ett brett sortiment av mikroinstrument i både rostfritt stål och titan. Gemensamt för instrumenten är att de alla är smidiga med lätt gång. Deras balans, eleganta utformning och ergonomi möjliggör långa och komplicerade ingrepp med största säkerhet.

Fortfarande är vi mest stolta över att ha utvecklat världens första dubbelledade gougetång. Vi uppfann även världens första osteotom med det klassiska 8-kantiga handtaget. Båda har sedan dess kopierats många gånger, men en kopia kan aldrig mäta sig med originalet.

Kännetecknen för STILLES instrument är att de är lätta och gracila och fungerar perfekt under ingrepp som kräver extrem precision. Instrumenten blir en naturlig förlängning av kirurgens hand. Alltid med ett perfekt resultat.



## Surgical Perfection for more than 180 years

For more than 180 years, we have developed and manufactured the best surgical instruments for the world's most demanding surgeons. We would like to extend a heartfelt thank you to all our loyal customers and a warm welcome to our new customers. In this catalog we present our complete range of STILLE original surgical instruments.

Precision, durability and feel are characteristic qualities of all STILLE instruments. The vast majority are handcrafted by our highly skilled instrument makers in Eskilstuna, west of Stockholm, Sweden. The instruments' journey from a rod of stainless steel to a finished instrument is a long one, involving multiple stages. STILLE's unique method of crafting its instrument materials, and its usage of only the very highest-grade steels, give our instruments their unique feel and durability.

In the first chapter, you will find our line of scissors, everything from common surgical models to our unique original SuperCut and Diamond SuperCut scissors. You'll also find STILLE forceps, our elegant needle holders, artery forceps, clamps, rongeurs, curettes and retractors as well as a wide range of micro instruments made of stainless steel and titanium. Common to all of our instruments is that they are smooth and easy to operate. Their outstanding balance, elegant design and ergonomics allow long and complex procedures with the utmost security.

We are still proud to have developed the world's first double-action bone rongeur. We also invented the world's first osteotome with the classic 8-sided handle. Both instruments have since then been copied many times, but a copy can't measure up to the original.

STILLE instruments are known to be light and graceful and to function perfectly during procedures requiring extreme precision. The instruments become a natural extension of the surgeon's hand – and the result is always perfect.

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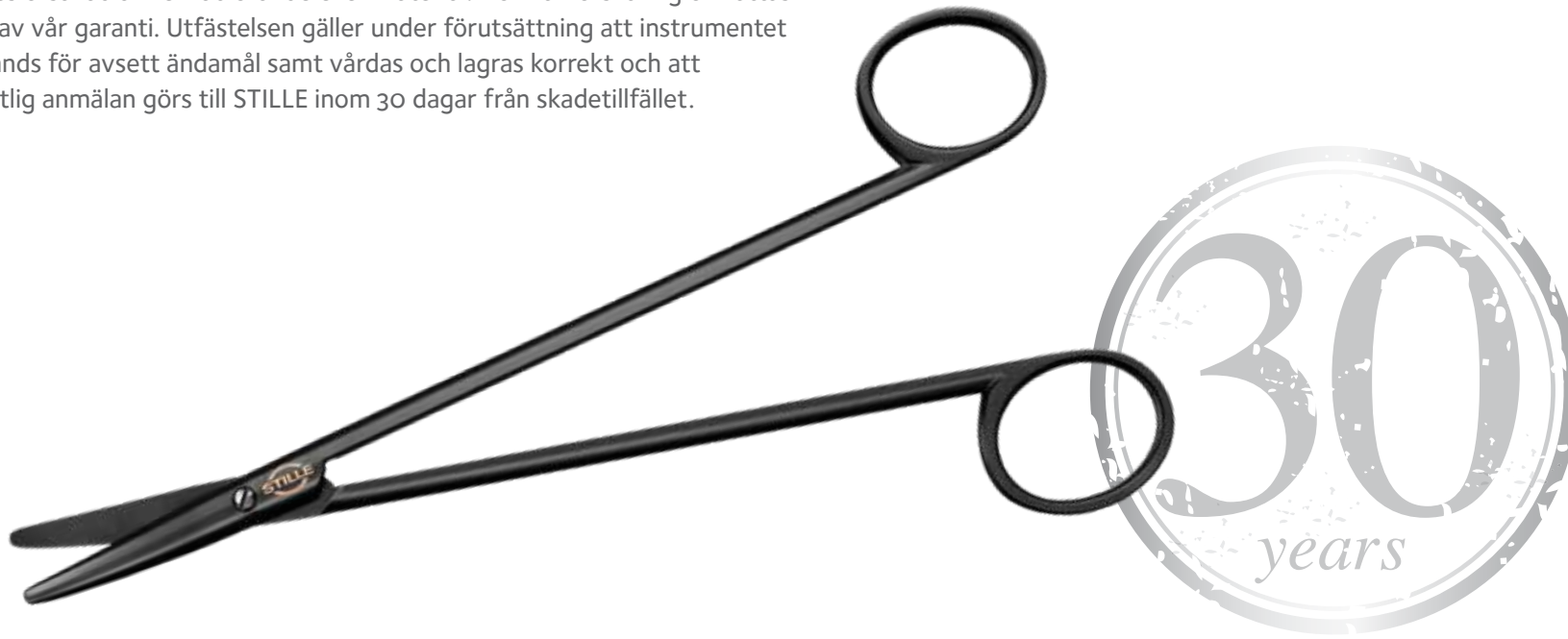
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# Garanti

Med avseende på utförande och material lämnar vi garanti på kirurgiska handinstrument av egen tillverkning. I en period av 30 år efter inköp, ersätter eller reparerar vi kostnadsfritt ett skadat instrument om skadan finnes orsakad av fel i utförande eller material. Normal förslitning omfattas inte av vår garanti. Utfästelsen gäller under förutsättning att instrumentet används för avsett ändamål samt vårdas och lagras korrekt och att skriftlig anmälan görs till STILLE inom 30 dagar från skadetillfället.

# Guarantee

Surgical hand instruments manufactured by STILLE carry a guarantee in respect of materials and workmanship. For a period of 30 years after purchase, we will replace or repair a damaged instrument free of charge if the damage is found to have been caused by a defect in materials or workmanship. The guarantee is conditional on the instrument being used for the purpose intended, is cared for and stored correctly and that any claims are made in writing within 30 days of the damage occurring.



# Historien

När Sverige med Serafimerlasarettet fick sitt första undervisningssjukhus 1752 tog den medicinska vården ett stort steg framåt. Men hundra år senare fanns det fortfarande inte fler än 200 kirurger i hela landet. Med inrättandet av Karolinska institutet 1810 förenades de två grenarna medicin och kirurgi och studenter utbildades nu i både invärtes och utvärtes sjukdomar. Dessutom anställde Karolinska institutet en instrumentmakare som utöver tillverkning även gav utbildning i instrumentvård.

Det var den verksamheten på Karolinska institutet som Albert Stille tog över 1841 när han startade sitt företag. Redan från början förde han en intensiv dialog med läkare och kirurger. Ofta vände de sig direkt till honom och hans medarbetare med förslag och instrumentmakarna var alltid lika ivriga att förverkliga deras idéer. Den här nära relationen mellan ett medicintekniskt företag och olika medicinska institutioner var avgörande för den snabba utvecklingen inom medicin och kirurgi under 1800-talet.

De nyvunna kunskaperna inom mikrobiologi ledde till att man började sterilisera instrument, vilket minskade smittorisken för såväl patienter som kirurger och operationsassistenter. Och med viktiga upptäckter inom anestesi och antiseptisk sårbehandling vågade sig kirurgerna på allt djärvare ingrepp. Med hjälp av förfinade instrument skaffade de sig snabbt nya viktiga erfarenheter.

STILLE var först i världen med den tvådelade bentången redan 1872. Även andra produkter som revbenstången och gipssaxen gick hela tiden hand i hand med den snabba utvecklingen. Den nickelpläterade förlossningstången kom 1877. Ytan stod emot påverkan från blod och var lättare att rengöra. Förnicklade instrument blev därefter standard på marknaden tills STILLE 1923 introducerade världens första instrument i rostfritt stål. Och med SuperCut 1982 skapades en unik kvalitets sax som fortfarande söker sin like i världen.

Albert Stille valdes 1868 in som ledamot av Svenska läkaresällskapet. *"För hans förtjänster om den kirurgiska och obstetriska instrumenttillverkningen i vårt land och de flera lyckliga dels egna uppfinningar, dels förbättringar av förutvarande modeller"*. Så löd rekommendationen från professorer och kirurger vid Serafimerlasarettet och Karolinska institutet. Nio år senare valdes även sonen Max in som ledamot.

Albert och Max Stille delade en äkta, livslång passion för att utveckla kvalitetsinstrument. Mer än 180 år senare lever deras fasta övertygelse, starka framåtanda och förtroagna samarbete med läkare och kirurger fortfarande kvar hos STILLE.



Karolinska institutet och Serafimerlasarettet på 1860-talet.  
Karolinska Institute and Serafimer Hospital in the 1860's.



# History

When the Serafimer Hospital in Stockholm became Sweden's first teaching hospital in 1752, medical care in the country took a great step forward. But one hundred years later there were still no more than 200 practicing surgeons in the country. With the establishment of the Karolinska Institute in 1810, the two branches, medicine and surgery, were united and students were educated in both internal and external diseases. In addition, the Karolinska Institute commissioned an instrument maker that went beyond manufacturing but also provided training regarding instrument care.

It was this business at the Karolinska Institute that Albert Stille took over in 1841 when he started his company. From the outset, he maintained an intensive dialogue with physicians and surgeons. Often, they turned directly to him and his colleagues with suggestions, and the instrument makers were always eager to realize their ideas. This close relationship between a medical device company and various medical institutions was crucial to the rapid developments that occurred in medicine and surgery in the 1800's.

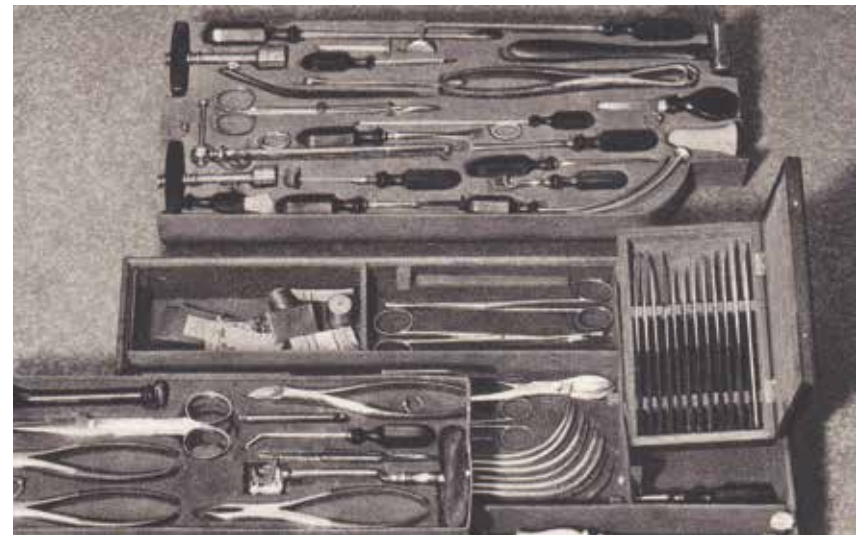
The newly gained knowledge in microbiology led to sterilization of instruments, which reduced the risk of infection for patients, surgeons and surgical assistants. And with important discoveries in anesthetics and antiseptic wound treatment, surgeons dared to undertake increasingly bold surgical procedures. With the help of sophisticated new instruments, surgeons rapidly acquired important new experience.

STILLE was the first in the world with the double-action bone rongeur as early as 1872. Other instruments like rib forceps and plaster scissors also contributed to the rapid development. The nickel-plated obstetrical forceps came in 1877. The surface was blood resistant and was easier to clean. Nickel-plated instruments became the market standard until 1923 when STILLE introduced the world's first stainless steel instruments. And

with the SuperCut in 1982, STILLE created a unique quality scissors that are still unmatched in the world.

In 1868 Albert Stille was elected as a member of the Swedish Society of Medicine. *"For his merits in the area of surgical and obstetrical instrument manufacturing in our country, and the success of their own inventions, and improvements to previous designs."* Those were the words at his induction from professors and surgeons at the Serafimer Hospital and the Karolinska Institute. Nine years later, his son Max was also voted in as a member.

Albert and Max Stille shared a genuine, lifelong passion for developing quality instruments. More than 180 years later, their firm convictions, strong ambitions and earnest collaboration with physicians and surgeons still live on with STILLE.



*Instrument för arméns sjukvård 1864.  
Instruments for the Army Medical Corps 1864.*

# Hantverk och service

Järnsmede med manufaktur av knivar, saxar, tänger och hammare har länge varit hjärtat i Eskilstunas industrihistoriska arv. STILLE är det enda medicintekniska företag i världen som fortfarande tillverkar instrument från rundstål i egen smedja. Än idag kan man höra hur hejarhammare slår ut det uppvärmda stålämnet, rikthammarnas lätta slag mot skänklar och käftar och filarnas torra raspande mot det ohärdade stålet.

För instrumentmakarna har tillverkningen alltid behållit sin hantverksmässiga karaktär. Här förlitar man sig inte enbart på ritningar utan precis lika mycket på den egna känslan för funktion och egenskaper. Ett färdigt instrument fungerar som modell. Måtten sitter redan i nävarna. Instrumentmakarna känner den exakta böjningen med fingrarna och vet hur ett perfekt instrument känns i handen. Minsta defekt märks direkt.

Den där speciella fingertoppskänslan för funktion och egenskaper delar instrumentmakaren med kirurgen. Genom åren har STILLE samarbetat med en lång rad välkända kirurger över hela världen. De har på olika sätt

medverkat vid konstruktion och vidareutveckling. Deras erfarenhet och uppfinningsrikedom har ytterligare förfinat instrumenten. Därför kan en lång rad välkända kirurgers namn läggas till STILLES eget i sortimentet.

Instrumentmakarens sista arbetsmoment är att sätta firmamärket på det färdiga instrumentet. Under mer än 180 år har det kommit att stå för ett gediget hantverk, suverän funktion och överlägsen kvalitet. Det har gjort STILLE till ett osvikligt kännetecken för de unika instrumentegenskaper som kirurger världen över efterfrågar.

Alla instrument som regelbundet servas av STILLES skickliga instrumentmakare omfattas av en exklusiv 30-årsgaranti. Under servicen plockas instrumenten isär och rengörs in i minsta detalj, rörliga delar justeras och smörjs, saxblad slipas, eggar vässas, ytor renoveras och putsas innan instrumenten till slut funktionstestas. Den här noggranna omsorgen förlänger instrumentets livslängd och ökar patientsäkerheten.



# Craftsmanship and Service

Iron working and the manufacture of knives, scissors, pliers and hammers have long been at the heart of the city of Eskilstuna's industrial heritage. STILLE is the only medical instrument maker in the world that still manufactures instruments from tubular steel in their own forge. Even today, one can hear the beat as the drop hammer flattens the heated steel slabs, the light blow of chasing hammers to the shanks and jaws, and the dry rasping of files against the unhardened steel.

For makers of precision surgical instruments, production has always maintained its artisanal character. They rely not only on drawings but, just as much, on their own sense of functionality and feature. A complete instrument works like a model. The dimensions are already in the hands. Instrument makers know the precise bend with their own fingers, and they know how a perfect instrument should feel in the human hand. Minimum defects are immediately evident.

Instrument makers share that special fingertip sense of functionality with the surgeon. Through the years, STILLE has collaborated with a long list of renowned surgeons the world over. They have contributed in various ways to the construction and further development. Their experience and ingenuity has helped to further refine surgical instruments. Therefore, many wellknown surgeons' names have been added to STILLE's wide range of instruments.

An instrument maker's final task is to put the company name on the finished instrument. For more than 180 years, it has come to stand for solid craftsmanship, superb performance and superior quality. This has made the STILLE name synonymous with the unique features and performance that surgeon's around the world demand.

All instruments that are regularly serviced by STILLE's skilled technicians are covered by an exclusive 30-year warranty. During the service process the instruments are disassembled and cleaned thoroughly, moving parts are adjusted and lubricated, scissor blades are sharpened, edges are honed, surfaces refinished and cleaned before the instruments undergo comprehensive testing. This meticulous maintenance prolongs the life of the instrument and increases patient safety.



**“SCISSORS, PLEASE!”** Kirurger över hela världen föredrar STILLEs saxar. De är lätta och välbalanserade med en jämn, mjuk känsla som följer minsta rörelse så att saxen blir en naturlig förlängning av handen. Saxens utformning ger ett fast grepp med maximal klippförmåga för alla typer av mjuk vävnad. Oavsett modell är precisionen perfekt, hela vägen ut i spetsarna.

Sedan STILLE uppfann den första SuperCut-saxen redan 1982 har många försökt sig på att kopiera den. Men efter tre decennier kan fortfarande inget annat fabrikat mäta sig med denna handtillverkade supersax. En av de främsta egenskaperna är de specialdesignade skärytorna. Med ett saxslipat och ett knivslipat blad skär sig saxen mjukt och effektivt genom vävnaden. Snittet blir perfekt. Varje gång.

Saxsortimentet har utökats med ergonomiska saxar med vinklade skänklar för ett bekvämare grepp. Precis som alla andra saxar från STILLE är de högglanspolerade och kan vid service tas isär för enklare rengöring och sterilisering. Det ökar säkerheten för patient och kirurg samt förlänger instrumentets livstid. All service sköts av våra egna skickliga instrumentmakare. En sax från STILLE behåller sin höga kvalitet år efter år.

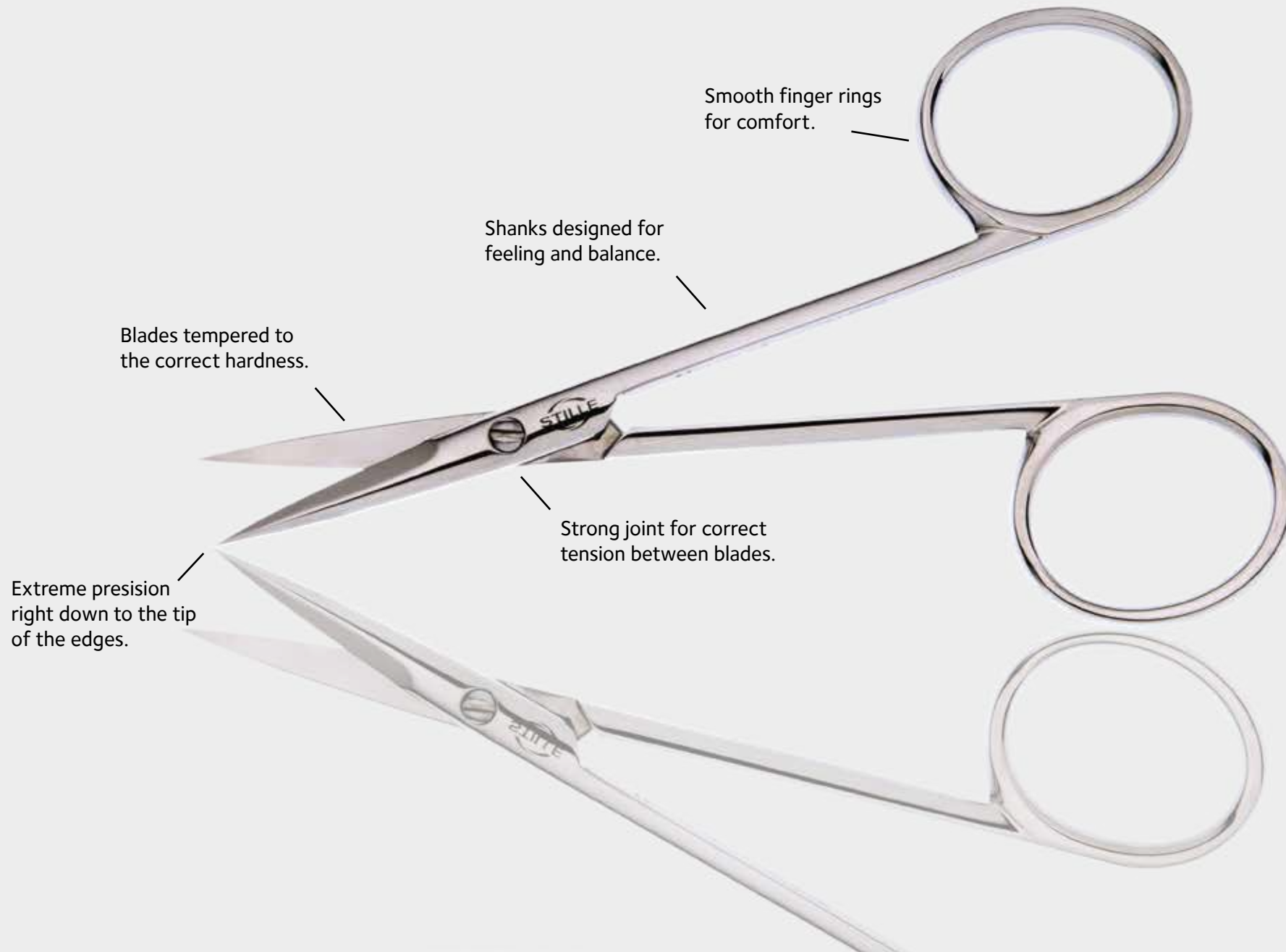


**“SCISSORS, PLEASE!”** Surgeons worldwide prefer scissors from STILLE. They are light and well-balanced with a smooth, soft feel that follows every movement so that the scissors become a natural extension of the hand. The scissor’s design provides a firm grip with maximum cutting power for all types of soft tissue. Regardless of the model they are perfectly precise – all the way to the tip.

Since STILLE invented the first SuperCut-scissors back in 1982, many have attempted to imitate the design. But after three decades no other brand can measure up to the handmade craftsmanship of the SuperCut. One of the main features is the specially designed cutting surfaces. With one scissor blade and one knife blade the scissors cut smoothly and efficiently through soft tissue. A perfect cut. Every time!

The product line has been expanded to include ergonomic scissors that feature angled handles for a more comfortable grip. Like all scissors from STILLE they are highly polished and can be disassembled for easy maintenance, cleaning and sterilization. This increases safety for the patient and the surgeon and extends the instrument’s effective lifetime. All service is handled by our own skilled craftsmen. A pair of scissors from STILLE retains their high quality year after year.

# Saxar | Scissors | Scheren | Forbici | Tijeras | 剪刀 (はさみ)



Smooth finger rings  
for comfort.

Shanks designed for  
feeling and balance.

Blades tempered to  
the correct hardness.

Strong joint for correct  
tension between blades.

Extreme precision  
right down to the tip  
of the edges.



STILLE Ögonsax | STILLE Eye Scissors

### ORIGINAL

Saxar har alltid tillhört STILLES storsäljare alltsedan de började tillverkas på 1800-talet. Genom åren har de ständigt förbättrats och fler specialmodeller har tillkommit. Idag finns de i totalt ca 200 varianter i alla storlekar och utformningar.

Originalsaxarna tillverkas i rostfritt stål av högsta kvalitet med högglanspolerad yta. De är välbalanserade med god skärstyrka ända ut i spetsarna och ligger bra i handen. Det finns originalsaxar för alla typer av mjukvävnad och de kan även användas för att klippa gasbinda, tråd och suturer.

### SUPERCUT

Saxarnas sax uppfanns 1982. Många kirurger anser att SuperCut är världens absolut bästa kirurgisax. Den passar alla typer av mjuk vävnad och precisionen och prestandan är välkänd bland kirurger över hela världen.

Det revolutionerande med SuperCut är skärytorna som samarbetar på ett unikt sätt. Det ena bladet är saxslipat och det andra är knivslipat så att saxen skär sig fram genom vävnaden. Det ger maximal skärstyrka med minimal kraft och ett perfekt snitt. Slipningen gör saxen lämplig för både höger- och vänsterhänta. Trots många år på marknaden har ingen lyckats skapa en kopia som kan överträffa originalet.

STILLES beläggning på SuperCut görs med ett mycket tunt diamantliknande skikt av s.k. DLC-coating, som reducerar risken för missfärgning, ökar instrumentets hållbarhet och bidrar till en bättre miljö.

### ORIGINAL

Scissors have always been STILLE's bestseller ever since they were first produced in the 1800's. Through the years they have been continually improved and more special models have been introduced. Currently, there are in total about 200 different varieties in all sizes and shapes.

Our original scissors are manufactured of the highest quality, polished stainless steel. They are well balanced with outstanding cutting power right down to the tips and they fit well in the surgeon's hand. There are original scissors for all types of soft tissue and they can also be used to cut gauze, wire and sutures.

### SUPERCUT

These unique scissors were introduced in 1982. Many surgeons believe that the SuperCut are unsurpassed as the world's best surgical scissors. They are suitable for all types of soft tissue and the precision and performance are well known among surgeons worldwide.

The revolutionary SuperCut scissors feature cutting surfaces that work together in a unique way. One blade is a scissor blade and the other is a knife blade to enable the scissors to cut precisely through the soft tissue. They provide maximum cutting power with minimal force and produce a perfect cut. The sharpening makes the scissors suitable for both right and left handed users. Despite many years on the market, other brands have not been able to create an imitation that can surpass the original SuperCut scissors.

STILLE's coating process is based on a thin layer diamond-like-carbon proprietary technology, aiming to reduce discoloration, improve instrument durability and help to create a more sustainable environment.



STILLE-Mayo SuperCut dissektionsax |  
STILLE-Mayo SuperCut Dissecting Scissors

## DIAMOND SUPERCUT

Våra STILLE Diamond SuperCut saxar tar kirurgiska saxar till en ny nivå. Vi välkomnar er att uppleva dissektion, klippegenskaper och hållbarhet som ni aldrig tidigare upplevt. Diamond SuperCut är handgjorda av våra skickliga instrumentmakare i Eskilstuna. Saxarna är helbelagda med en diamantliknande beläggning, som ökar hållbarheten, minskar behovet av återkommande slipning, är mer motståndskraftig mot korrosion och är mer miljövänlig. Diamond-beläggningen är validerad för att tåla de allt vanligare rengöringsprocesserna med väteperoxid.



Metzenbaum STILLE Diamond SuperCut dissektionssax  
| Metzenbaum STILLE Diamond SuperCut Dissecting Scissors

## ERGONOMISKA SAXAR

En naturlig fortsättning på arbetet med att skapa perfekta saxar har varit att vidareutveckla deras ergonomiska egenskaper. Kirurgiska saxar hålls normalt i ett precisionsgrepp med tummen och lång- eller ringfingret. Vid mer tidskrävande ingrepp tröttnas handen ut snabbare.

Lösningen är att vinkla skänklarna så att handen kan arbeta närmare sitt normala viloläge. Med ett större mellanrum mellan fingeröglorna motverkas spänningar och trötthet och handen orkar arbeta längre. Samtliga ergonomiska saxar är av modellen SuperCut med sina unika egenskaper. Sax- och knivslipade blad samverkar för maximal skärstyrka med minimal kraft och exakt precision.

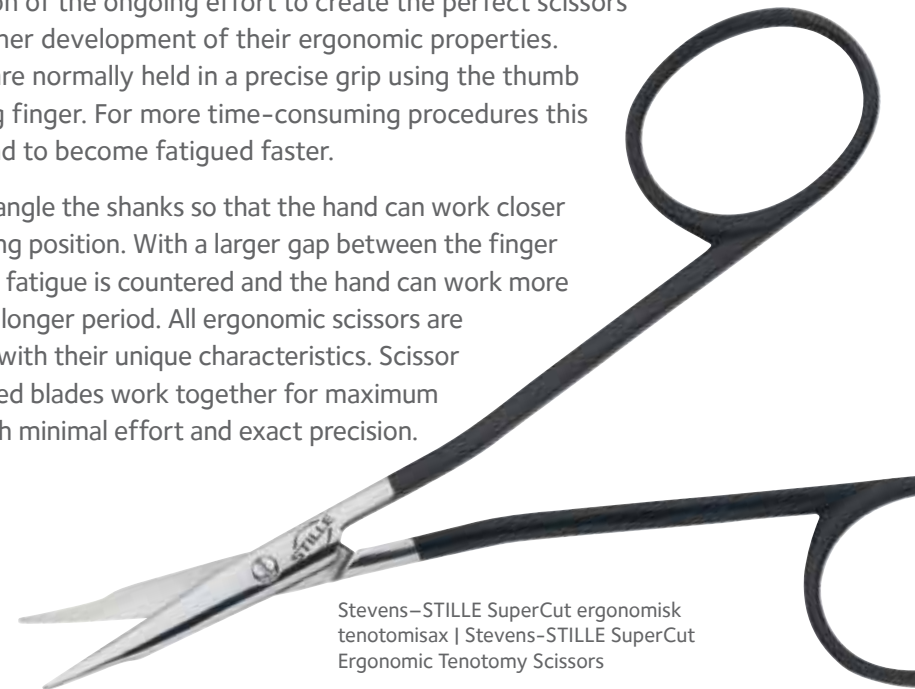
## DIAMOND SUPERCUT

Our STILLE Diamond SuperCut scissors redefines the industry standards and breaks the limits in instrument performance. We welcome you to experience dissection, cutting performance and durability like you've never felt before. The Diamond SuperCut series of scissors are hand-made to perfection in Sweden. The scissors are fully coated with a proprietary diamond-like-layer. It not only increases the life expectancy, it reduces the need of sharpening, is more resistant to corrosion and it's more environmental friendly. The Diamond coating is validated to withstand the more common hydro peroxide processes.

## ERGONOMIC SCISSORS

A natural extension of the ongoing effort to create the perfect scissors has been the further development of their ergonomic properties. Surgical scissors are normally held in a precise grip using the thumb and middle or ring finger. For more time-consuming procedures this can cause the hand to become fatigued faster.

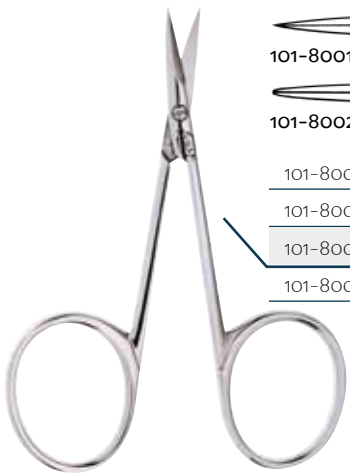
The solution is to angle the shanks so that the hand can work closer to its normal resting position. With a larger gap between the finger loops, tension and fatigue is countered and the hand can work more comfortably for a longer period. All ergonomic scissors are SuperCut models with their unique characteristics. Scissor and knife sharpened blades work together for maximum cutting power with minimal effort and exact precision.



Stevens-STILLE SuperCut ergonomisk tenotomisax | Stevens-STILLE SuperCut Ergonomic Tenotomy Scissors

### STILLE ögonsax | STILLE Eye Scissors

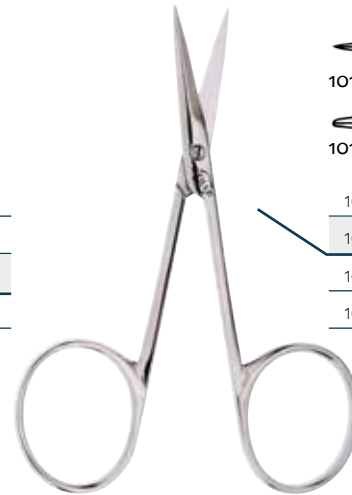
Delicate eye scissors with sharp or blunt tips and large finger rings. These are also called iris scissors and are used for nerves, tendons and vessels. They are intended for facial surgery and any type of delicate surgery. Beveled blades.



101-8001			
101-8002			
101-8001	Straight	Sharp	9.5 cm 3.75"
101-8002	Straight	Blunt	9.5 cm 3.75"
101-8003	Curved	Sharp	9.5 cm 3.75"
101-8004	Curved	Blunt	9.5 cm 3.75"

### STILLE ögonsax | STILLE Eye Scissors

Eye scissors for delicate work. Large finger rings for a comfortable grip. Beveled blades.



101-8010			
101-8011			
101-8010	Straight	Sharp	10 cm 4"
101-8011	Straight	Blunt	10 cm 4"
101-8015	Curved	Sharp	10 cm 4"
101-8016	Curved	Blunt	10 cm 4"

### STILLE SuperCut ögonsax | STILLE SuperCut Eye Scissors

SuperCut eye scissors with sharp or blunt tips and extremely sharp edges. Beveled blades.

101-8010-1		
101-8011-1		

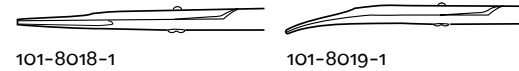
101-8010-1	Straight	Sharp	10 cm 4"
101-8011-1	Straight	Blunt	10 cm 4"
101-8015-1	Curved	Sharp	10 cm 4"
101-8015-1-C	Curved	Sharp	10 cm 4" Diamond
101-8016-1	Curved	Blunt	10 cm 4"





### STILLE SuperCut ögonlockssax | STILLE SuperCut Blepharoplasty Scissors

Short delicate SuperCut scissors suitable for blepharoplasty.



101-8018-1	Straight	9,5 cm 3.75"
101-8019-1	Curved	9,5 cm 3.75"

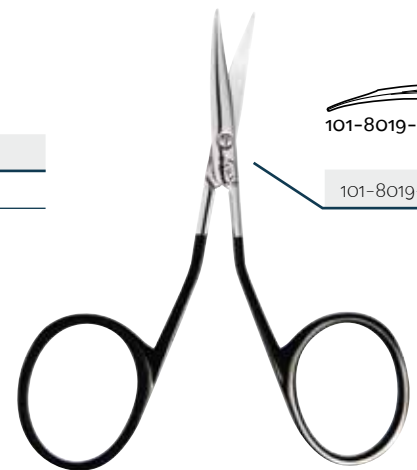


### STILLE SuperCut ergonomisk ögonlockssax | STILLE SuperCut Ergonomic Blepharoplasty Scissors

Blepharoplasty SuperCut scissors with ergonomically designed shanks for a more relaxed grip.



101-8019-2	Curved	9,5 cm 3.75"
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### Ragnell STILLE SuperCut ögonlockssax | Ragnell STILLE SuperCut Blepharoplasty Scissors

Short delicate SuperCut scissors with blunt, flat tips for blepharoplasty.



101-8031-1	Curved	9,5 cm 3.75"
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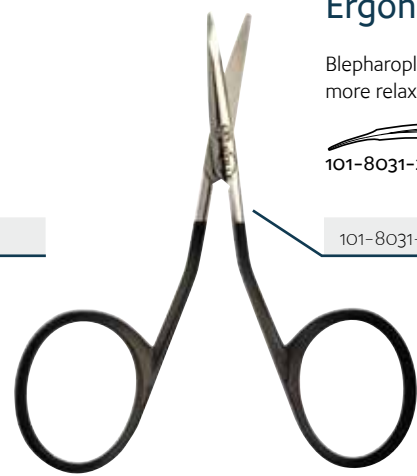


### Ragnell STILLE SuperCut ergonomisk ögonlockssax | Ragnell STILLE SuperCut Ergonomic Blepharoplasty Scissors

Blepharoplasty SuperCut scissors with ergonomically designed shanks for a more relaxed grip.

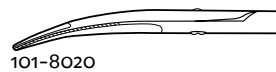


101-8031-2	Curved	9,5 cm 3.75"
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**Kaye STILLE dissektionssax |**  
**Kaye STILLE Dissecting Scissors**

Scissors with serrated blades for "holding" the tissue, making it easier to cut exactly as far as intended.



101-8020

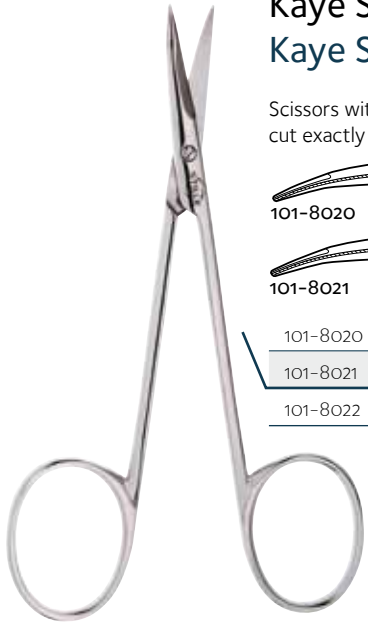


101-8022



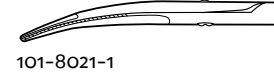
101-8021

101-8020	Blunt serrated	Curved	10 cm 4"
101-8021	Blunt serrated	Curved	12.5 cm 5"
101-8022	Sharp serrated	Curved	12.5 cm 5"



**Kaye STILLE SuperCut dissektionssax |**  
**Kaye STILLE SuperCut Dissecting Scissors**

SuperCut version for improved cutting performance.



101-8021-1

101-8021-1	Blunt serrated	Curved	12.5 cm 5"
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**Jabaley STILLE dissektionssax |**  
**Jabaley STILLE Dissecting Scissors**

Sharp scissors suitable for hand surgery, where very strong scissors are used. Beveled blades.



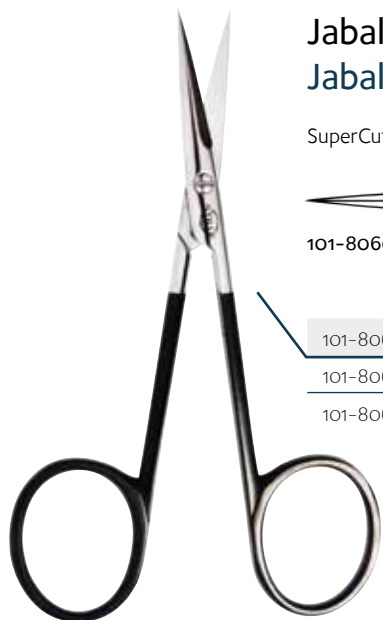
101-8060



101-8062

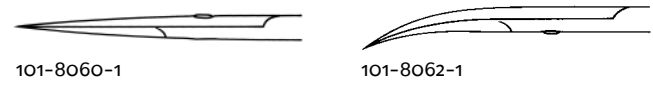
101-8060	Straight	12.5 cm 5"
101-8062	Curved	12.5 cm 5"



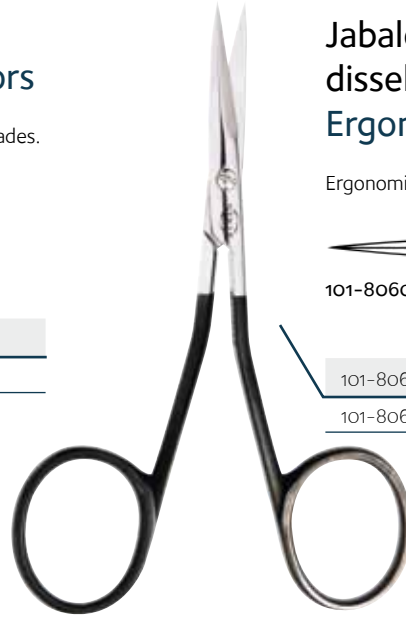


**Jabaley STILLE SuperCut dissektionssax | Jabaley STILLE SuperCut Dissecting Scissors**

SuperCut scissors for dissection of tough tissue in hand surgery. Beveled blades.

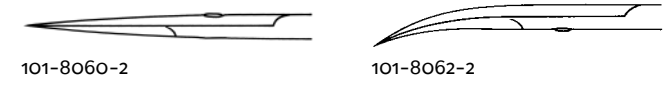


101-8060-1	Straight	12.5 cm 5"	
101-8060-1-C	Straight	12.5 cm 5"	Diamond
101-8062-1	Curved	12.5 cm 5"	



**Jabaley STILLE SuperCut ergonomisk dissektionssax | Jabaley STILLE SuperCut Ergonomic Dissecting Scissors**

Ergonomic model to avoid fatigue in the hand. Beveled blades.

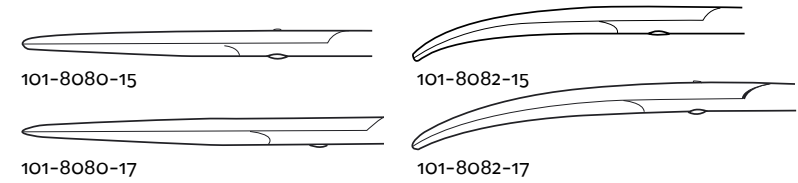


101-8060-2	Straight	12.5 cm 5"	
101-8062-2	Curved	12.5 cm 5"	



**Mayo STILLE dissektionssax | Mayo STILLE Dissecting Scissors**

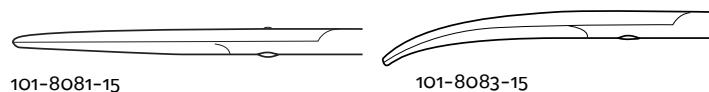
The most used scissors, for all types of surgery. Used for routine dissection and cutting in tissue. Beveled blades.



101-8080-15	Straight	15 cm 6"	
101-8080-17	Straight	17 cm 6.75"	
101-8082-15	Curved	15 cm 6"	
101-8082-17	Curved	17 cm 6.75"	

**Mayo STILLE SuperCut dissektionssax | Mayo STILLE SuperCut Dissecting Scissors**

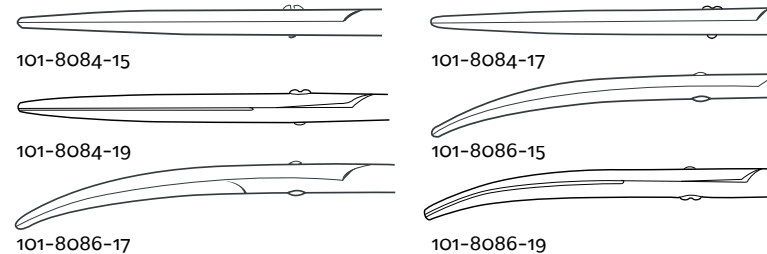
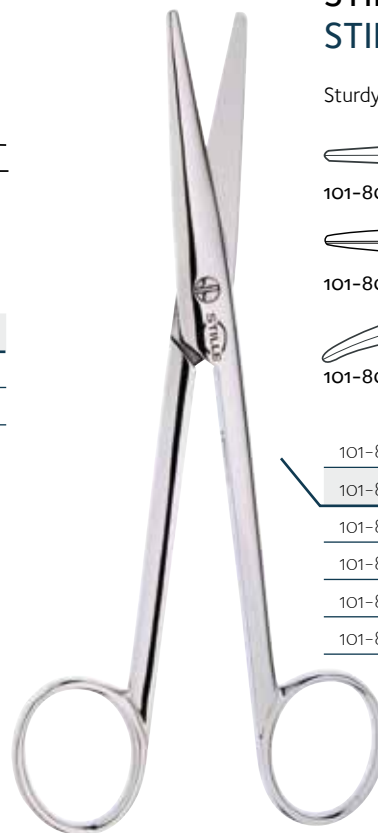
SuperCut dissecting scissors for tough tissue. Beveled blades.



101-8081-15	Straight	15 cm 6"	
101-8083-15	Curved	15 cm 6"	
101-8083-15-C	Curved	15 cm 6"	Diamond

**STILLE-Mayo dissektionssax | STILLE-Mayo Dissecting Scissors**

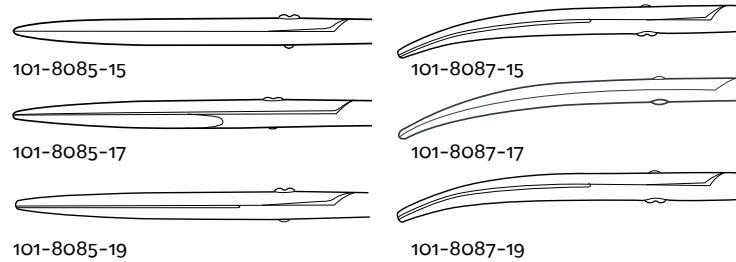
Sturdy dissecting scissors with rounded blades.



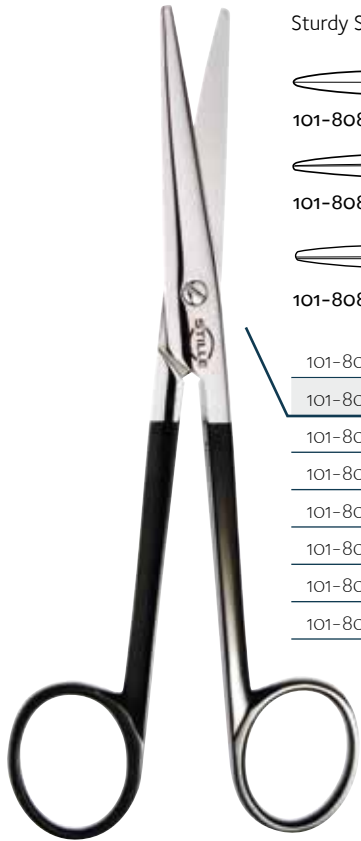
101-8084-15	Rounded blades	Straight	15 cm 6"
101-8084-17	Rounded blades	Straight	17 cm 6.75"
101-8084-19	Rounded blades	Straight	19 cm 7.5"
101-8086-15	Rounded blades	Curved	15 cm 6"
101-8086-17	Rounded blades	Curved	17 cm 6.75"
101-8086-19	Rounded blades	Curved	19 cm 7.5"

### STILLE-Mayo SuperCut dissektionssax | STILLE-Mayo SuperCut Dissecting Scissors

Sturdy Super Cut scissors with rounded blades for dissection of tough tissue.

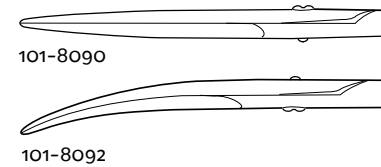


101-8085-15	Rounded blades	Straight	15 cm 6"
101-8085-17	Rounded blades	Straight	17 cm 6.75"
101-8085-17-C	Rounded blades	Straight	17 cm 6.75" Diamond
101-8085-19	Rounded blades	Straight	19 cm 7.5"
101-8087-15	Rounded blades	Curved	15 cm 6"
101-8087-17	Rounded blades	Curved	17 cm 6.75"
101-8087-17-C	Rounded blades	Curved	17 cm 6.75" Diamond
101-8087-19	Rounded blades	Curved	19 cm 7.5"



### Mayo-Noble STILLE dissektionssax | Mayo-Noble STILLE Dissecting Scissors

Short and strong dissecting scissors mainly for orthopaedic surgeons. Beveled blades.

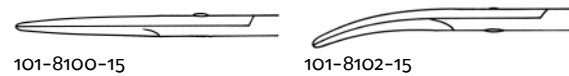


101-8090	Straight	18 cm 7"
101-8092	Curved	18 cm 7"



### Baby Mayo STILLE dissektionssax | Baby Mayo STILLE Dissecting Scissors

Delicate version of the regular Mayo scissors. Mainly for plastic- and hand surgery. Beveled blades.



101-8100-15	Straight	15 cm 6"
101-8102-15	Curved	15 cm 6"



**Sims STILLE dissektionssax |  
Sims STILLE Dissecting Scissors**

Mainly used in gynecological and other pelvic surgery. Beveled blades.



101-8138

101-8138	Curved	20 cm 8"
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**Baby Metzenbaum STILLE dissektionssax |  
Baby Metzenbaum STILLE Dissecting Scissors**

Short, delicate dissecting scissors with rounded blades. Used in delicate surgery requiring small instruments.

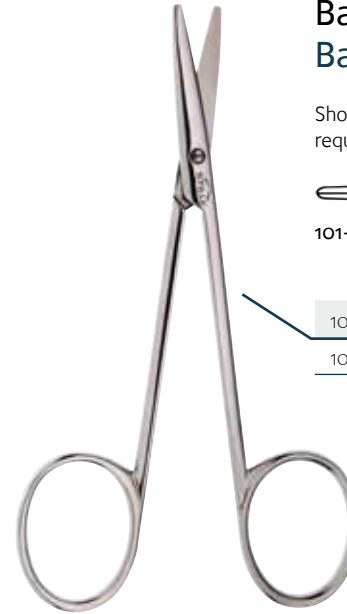


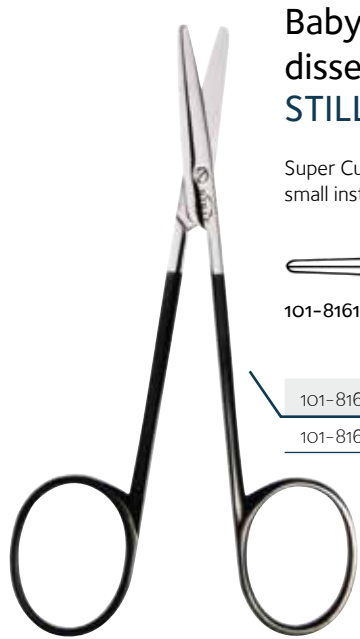
101-8160



101-8162

101-8160	Straight	12.5 cm 5"
101-8162	Curved	12.5 cm 5"



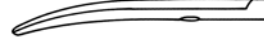


**Baby Metzenbaum STILLE SuperCut dissektionssax | Baby Metzenbaum STILLE SuperCut Dissecting Scissors**

Super Cut dissecting scissors for tough tissue. Used in delicate surgery requiring small instruments.



101-8161



101-8163

101-8161	Straight	12.5 cm 5"
101-8163	Curved	12.5 cm 5"



**Baby Metzenbaum STILLE Diamond SuperCut dissektionssax | Baby Metzenbaum STILLE Diamond SuperCut Dissecting Scissors**

With Diamond coating for increased durability.



101-8163-C

101-8163-C	Curved	12.5 cm 5"
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**Baby Metzenbaum STILLE SuperCut ergonomisk dissektionssax | Baby Metzenbaum STILLE SuperCut Ergonomic Dissecting Scissors**

Ergonomic model for better control. Rounded blades.



101-8163-2

101-8163-2	Curved	12.5 cm 5"
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**Metzenbaum STILLE gracil dissektionssax | Metzenbaum STILLE Delicate Dissecting Scissors**

Short, delicate dissecting scissors with rounded blades. Used in delicate surgery requiring small instruments.



101-8172

101-8172-18 Curved delicate 18 cm 7"

101-8172-23 Curved delicate 23 cm 9"

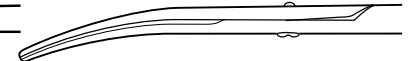


**Metzenbaum STILLE gracil SuperCut dissektionssax | Metzenbaum STILLE Delicate SuperCut Dissecting Scissors**

Very delicate version with Super Cut edges and fine rounded tips.



101-8173-15



101-8173-18  
101-8173-20

101-8173-15 Curved delicate

15 cm 6"

101-8173-18 Curved delicate

18 cm 7"

101-8173-20 Curved delicate

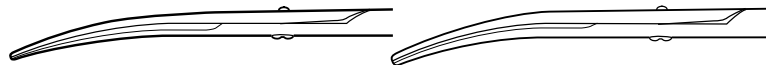
20 cm 8"





### Metzenbaum STILLE gracil Diamond SuperCut dissektionssax | Metzenbaum STILLE Delicate Diamond SuperCut Dissecting Scissors

With Diamond coating for increased durability.



101-8173-15-C

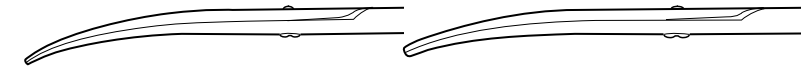
101-8173-18-C

101-8173-15-C	Curved delicate	15 cm 6"
101-8173-18-C	Curved delicate	18 cm 7"



### Metzenbaum STILLE dissektionssax | Metzenbaum STILLE Dissecting Scissors

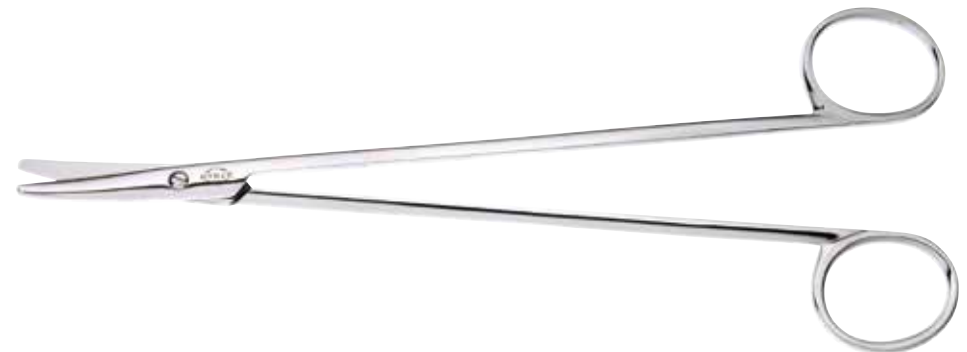
Dissecting scissors with rounded blades and tips. Used in all specialties for fine dissection. Metzenbaum is one of STILLE's most popular scissors model and is available in a variety of shapes and sizes.



101-8174-15, 101-8174-18  
101-8174-20, 101-8174-23

101-8174-26

101-8174-15	Curved	15 cm 6"
101-8174-18	Curved	18 cm 7"
101-8174-20	Curved	20 cm 8"
101-8174-23	Curved	23 cm 9"
101-8174-26	Curved	26 cm 10.25"



**STILLE-Ekberg Metzenbaum gracil SuperCut ergonomisk dissektionssax | STILLE-Ekberg Metzenbaum Delicate SuperCut Ergonomic Dissecting Scissors**

Ergonomic STILLE-Ekberg version. Available with blades curved up or down, suitable for both left- and right-handed surgeons.



101-8173-153D



101-8173-153U

101-8173-153D	Curved down	15 cm 6"
101-8173-153U	Curved up	15 cm 6"



**STILLE-Ekberg Metzenbaum gracil Diamond SuperCut ergonomisk dissektionssax | STILLE-Ekberg Metzenbaum Delicate Diamond SuperCut Ergonomic Dissecting Scissors**

Diamond version for increased durability.



101-8173-153D-C



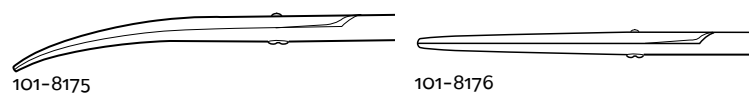
101-8173-153U-C

101-8173-153D-C	Curved down	15 cm 6"
101-8173-153U-C	Curved up	15 cm 6"



### Metzenbaum STILLE SuperCut dissektionssax | Metzenbaum STILLE SuperCut Dissecting Scissors

The popular Metzenbaum dissecting scissors with Super Cut edges. Rounded/beveled blades.



101-8175-15	Curved	15 cm 6"
101-8175-18	Curved	18 cm 7"
101-8175-20	Curved	20 cm 8"
101-8175-23	Curved	23 cm 9"
101-8175-26	Curved	26 cm 10.25"
101-8175-30	Curved	30 cm 12"
101-8175-33	Curved	33 cm 13"
101-8176-15	Straight	15 cm 6"
101-8176-18	Straight	18 cm 7"
101-8176-20	Straight	20 cm 8"
101-8176-23	Straight	23 cm 9"
101-8176-26	Straight	26 cm 10.25"



### Metzenbaum STILLE Diamond SuperCut dissektionssax | Metzenbaum STILLE Diamond SuperCut Dissecting Scissors

Diamond version of the popular Metzenbaum STILLE SuperCut scissors, for increased durability.



101-8175-15-C	Curved	15 cm 6"
101-8175-18-C	Curved	18 cm 7"
101-8175-20-C	Curved	20 cm 8"
101-8175-23-C	Curved	23 cm 9"
101-8175-26-C	Curved	26 cm 10.25"
101-8175-30-C	Curved	30 cm 12"



**Metzenbaum STILLE SuperCut ergonomisk dissektionssax | Metzenbaum STILLE SuperCut Ergonomic Dissecting Scissors**

Metzenbaum Super Cut scissors with ergonomically designed shanks for a more comfortable grip. Rounded/beveled blades.



101-8175-152, 101-8175-182

101-8175-152	Curved	15 cm 6"
101-8175-182	Curved	18 cm 7"



**STILLE-Ekberg Metzenbaum SuperCut ergonomisk dissektionssax | STILLE-Ekberg Metzenbaum SuperCut Ergonomic Dissecting Scissors**

Ergonomic STILLE-Ekberg version. Available with blades curved up or down, suitable for both left- and right-handed surgeons.



101-8175-153D



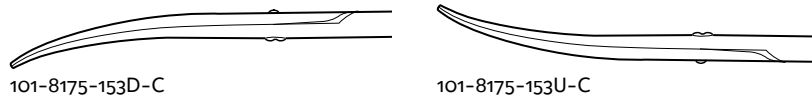
101-8175-153U

101-8175-153D	Curved down	15 cm 6"
101-8175-153U	Curved up	15 cm 6"



## STILLE-Ekberg Metzenbaum Diamond SuperCut ergonomisk dissektionssax | STILLE-Ekberg Diamond Metzenbaum SuperCut Ergonomic Dissecting Scissors

Diamond version for increased durability.



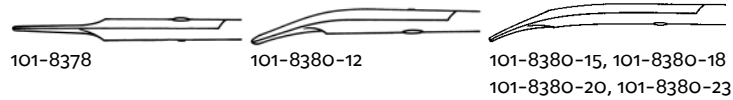
101-8175-153D-C Curved down 15 cm 6"

101-8175-153U-C Curved up 15 cm 6"



### Ragnell STILLE dissektionssax | Ragnell STILLE Dissecting Scissors

Dissecting scissors with flat, rounded tips. Often used in plastic surgery. Is also called Killner by some manufacturers. The short models are used for undermining in plastic surgery and the long models are used for further dissection.

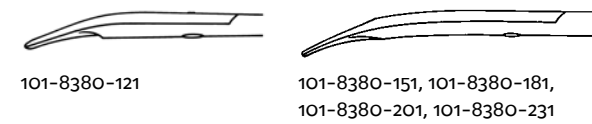


101-8378	Straight	12.5 cm 5"
101-8380-12	Curved	12.5 cm 5"
101-8380-15	Curved	15 cm 6"
101-8380-18	Curved	18 cm 7"
101-8380-20	Curved	20 cm 8"
101-8380-23	Curved	23 cm 9"



### Ragnell STILLE SuperCut dissektionssax | Ragnell STILLE SuperCut Dissecting Scissors

Super Cut version of the Ragnell scissors. For precise undermining of flaps.

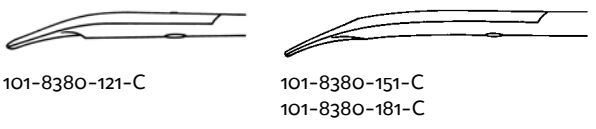


101-8380-121	Curved	12.5 cm 5"
101-8380-151	Curved	15 cm 6"
101-8380-181	Curved	18 cm 7"
101-8380-201	Curved	20 cm 8"
101-8380-231	Curved	23 cm 9"



### Ragnell STILLE Diamond SuperCut dissektionssax | Ragnell STILLE Diamond SuperCut Dissecting Scissors

Diamond version of the Ragnell STILLE SuperCut scissors, for increased durability.

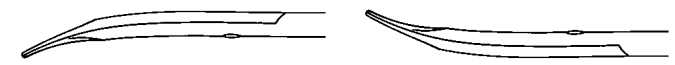


101-8380-121-C	Curved	12.5 cm 5"
101-8380-151-C	Curved	15 cm 6"
101-8380-181-C	Curved	18 cm 7"



### STILLE-Ekberg Ragnell SuperCut ergonomisk dissektionssax | STILLE-Ekberg Ragnell SuperCut Ergonomic Dissecting Scissors

Ergonomic STILLE-Ekberg version. Available with blades curved up or down, suitable for both left- and right-handed surgeons.

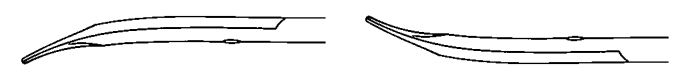


101-8380-153D	Curved down	15 cm 6"
101-8380-153U	Curved up	15 cm 6"



### STILLE-Ekberg Ragnell Diamond SuperCut ergonomisk dissektionssax | STILLE-Ekberg Ragnell Diamond SuperCut Ergonomic Dissecting Scissors

Diamond version for increased durability.



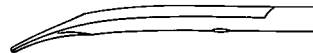
101-8380-153D-C	Curved down	15 cm 6"
101-8380-153U-C	Curved up	15 cm 6"

**Ragnell STILLE SuperCut ergonomisk dissektionssax | Ragnell STILLE SuperCut Ergonomic Dissecting Scissors**

Ergo Super Cut versions of Ragnell scissors for precise undermining of flaps and comfortable grip.



101-8380-122



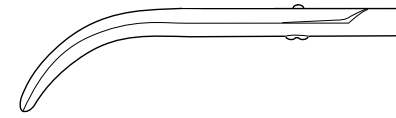
101-8380-152

101-8380-122	Curved	12.5 cm 5"
101-8380-152	Curved	15 cm 6"



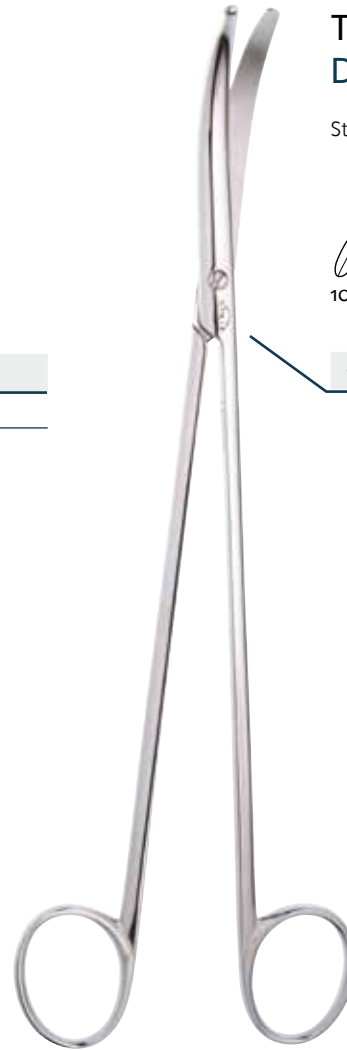
**Thorek STILLE dissektionssax | Thorek STILLE Dissecting Scissors**

Strongly curved dissecting scissors for good visibility. Rounded blades.



101-8470

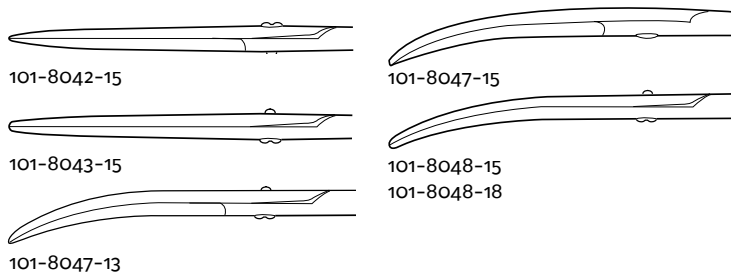
101-8470	Strongly curved	21 cm 8.25"
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### STILLE Cooper operations sax | STILLE Cooper Operating Scissors

General purpose utility scissors, often used for sutures, gauze etc. Beveled blades.

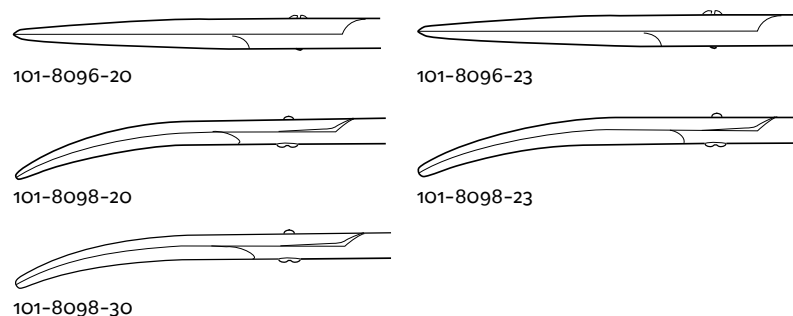


101-8042-15	Sharp/blunt	Straight	15 cm 6"
101-8043-15	Blunt/blunt	Straight	15 cm 6"
101-8047-13	Sharp/blunt	Curved	13.5 cm 5.25"
101-8047-15	Sharp/blunt	Curved	15 cm 6"
101-8048-15	Blunt/blunt	Curved	15 cm 6"
101-8048-18	Blunt/blunt	Curved	18 cm 7"

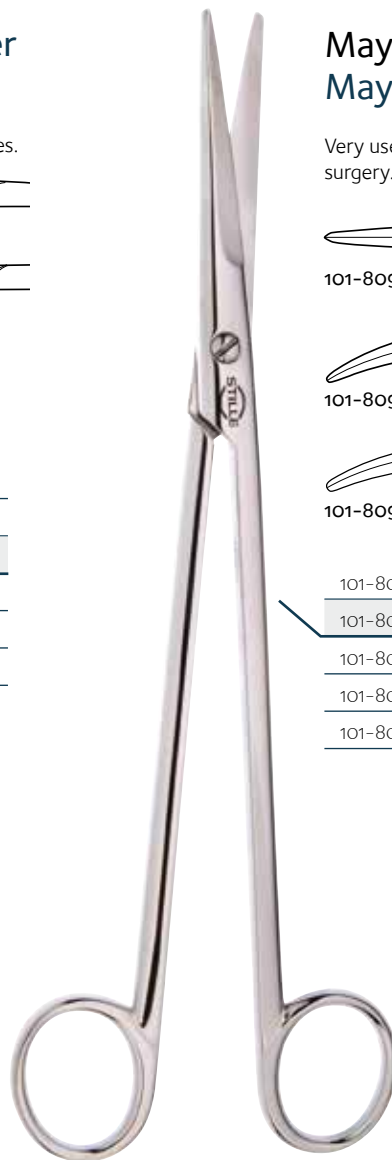


### Mayo-Harrington STILLE operations sax | Mayo-Harrington STILLE Operating Scissors

Very useful operating scissors for deep surgery like gynecology and thoracic surgery. Beveled blades.

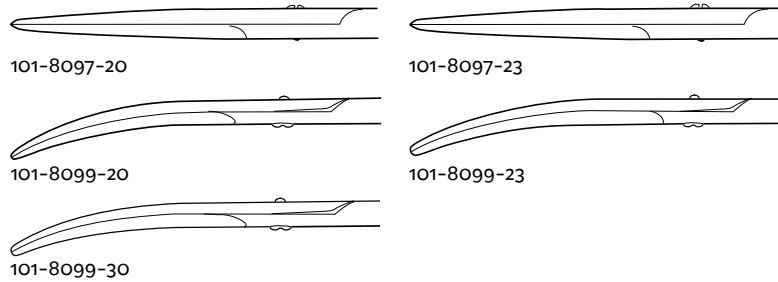


101-8096-20	Straight	20 cm 8"
101-8096-23	Straight	23 cm 9"
101-8098-20	Curved	20 cm 8"
101-8098-23	Curved	23 cm 9"
101-8098-30	Curved	30 cm 12"



### Mayo-Harrington STILLE SuperCut operations sax | Mayo-Harrington STILLE SuperCut Operating Scissors

Operating Super Cut scissors useful for several surgical disciplines. Beveled blades.



101-8097-20	Straight	20 cm 8"
101-8097-23	Straight	23 cm 9"
101-8099-20	Curved	20 cm 8"
101-8099-23	Curved	23 cm 9"
101-8099-30	Curved	30 cm 12"



### Boyd-STILLE tonsillsax | Boyd-STILLE Tonsil Scissors

Scissors with sharp tips and S-shaped shanks for greater visibility. Rounded blades.



101-8420 Curved S-shaped shanks 18 cm 7"



### Ragnell STILLE operations sax | Ragnell STILLE Operating Scissors

Mammary plastic scissors intended for breast surgery. Rounded blades.



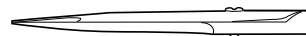
101-8460

101-8460 Angled 17 cm 6.75"



### König-STILLE nageluppklippnings sax | König-STILLE Nail-splitting Scissors

Nail-splitting scissors, for cutting up ingrown nails. Beveled blades.



101-8580

101-8580 Straight 15 cm 6"



### Stevens-STILLE tenotomisax | Stevens-STILLE Tenotomy Scissors

Tenotomy scissors with rounded, very thin blades and tapered tips. Used in plastic surgery and hand surgery for cutting with extreme precision in small incisions.

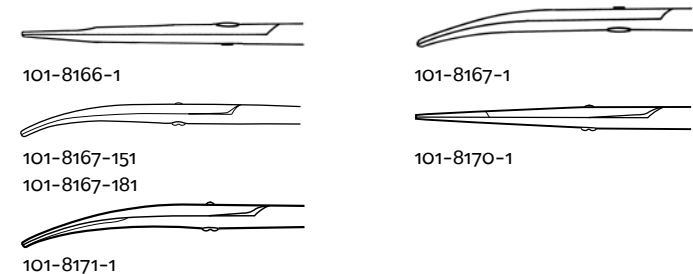


101-8166	Straight	12.5 cm 5"
101-8167	Curved	12.5 cm 5"



### Stevens-STILLE SuperCut tenotomisax | Stevens-STILLE SuperCut Tenotomy Scissors

Very popular SuperCut scissors for precise cutting and dissection of fine tissues. Rounded blades.

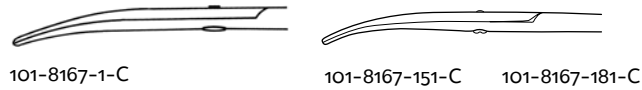


101-8166-1	Straight	12.5 cm 5"
101-8167-1	Curved	12.5 cm 5"
101-8167-151	Curved	15 cm 6"
101-8167-181	Curved	18 cm 7"
101-8170-1	Straight	9.5 cm 3.75"
101-8171-1	Curved	9.5 cm 3.75"



## Stevens-STILLE Diamond SuperCut tenotomisax | Stevens-STILLE Diamond SuperCut Tenotomy Scissors

Diamond version for increased durability.

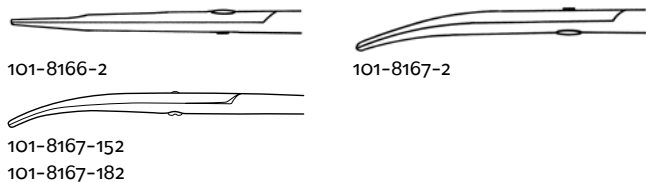


101-8167-1-C	Curved	12.5 cm 5"
101-8167-151-C	Curved	15 cm 6"
101-8167-181-C	Curved	18 cm 7"



### Stevens-STILLE SuperCut ergonomisk tenotomisax | Stevens-STILLE SuperCut Ergonomic Tenotomy Scissors

Ergonomic design of the popular Stevens SuperCut tenotomy scissors.

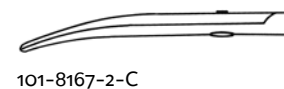


101-8166-2	Straight	12.5 cm 5"
101-8167-2	Curved	12.5 cm 5"
101-8167-152	Curved	15 cm 6"
101-8167-182	Curved	18 cm 7"



### Stevens-STILLE Diamond SuperCut ergonomisk tenotomisax | Stevens-STILLE Diamond Ergonomic SuperCut Tenotomy Scissors

Diamond version for increased durability.



101-8167-2-C Curved 12.5 cm 5"



### STILLE-Ekberg Stevens SuperCut ergonomisk tenotomisax | STILLE-Ekberg Stevens Ergonomic SuperCut Tenotomy Scissors

Ergonomic STILLE-Ekberg version. Available with blades curved up or down, suitable for both left- and right-handed surgeons.



101-8167-153D



101-8167-153U

101-8167-153D	Curved down	15 cm 6"
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101-8167-153U	Curved up	15 cm 6"
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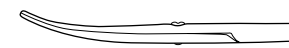


### STILLE-Ekberg Stevens Diamond SuperCut ergonomisk tenotomisax | STILLE-Ekberg Stevens Diamond Ergonomic SuperCut Tenotomy Scissors

Diamond version for increased durability.



101-8167-153D-C



101-8167-153U-C

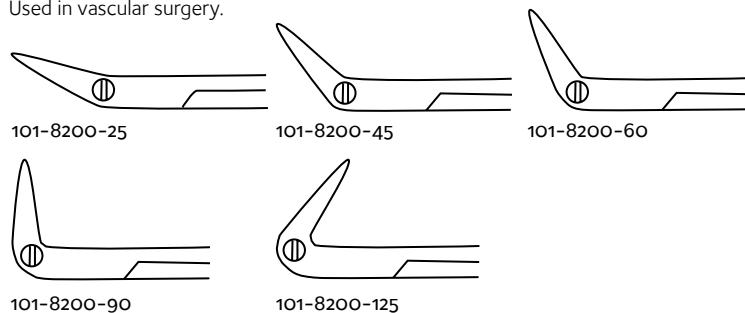
101-8167-153D-C	Curved down	15 cm 6"
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101-8167-153U-C	Curved up	15 cm 6"
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### STILLE SuperCut kärlsax | STILLE SuperCut Vascular Scissors

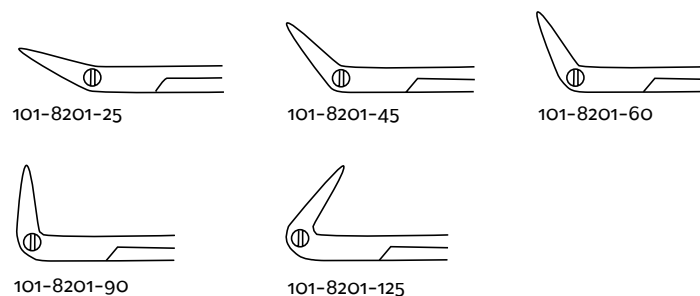
Super Cut scissors with angled blades for better reach of vessels etc.  
Used in vascular surgery.



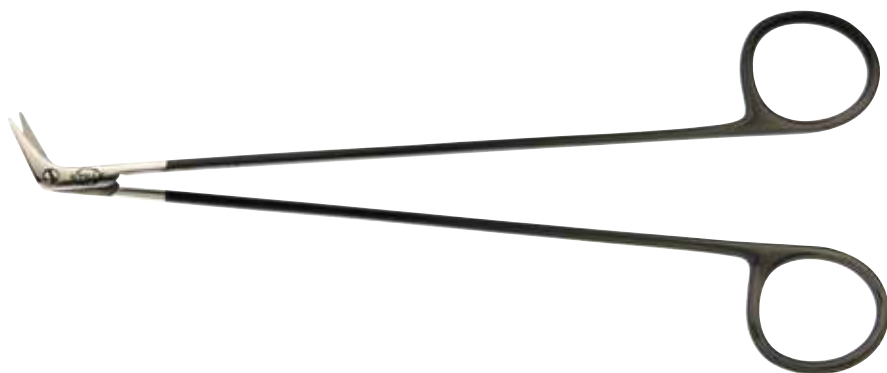
101-8200-25	Angled 25°	18 cm 7"
101-8200-45	Angled 45°	18 cm 7"
101-8200-60	Angled 60°	18 cm 7"
101-8200-90	Angled 90°	17 cm 6.75"
101-8200-125	Angled 125°	17 cm 6.75"

### STILLE SuperCut kärlsax | STILLE SuperCut Vascular Scissors

Extra delicate version of the popular STILLE Vascular Scissor with shorter and thinner blades.



101-8201-25	Angled 25°	18 cm 7"
101-8201-45	Angled 45°	18 cm 7"
101-8201-60	Angled 60°	18 cm 7"
101-8201-90	Angled 90°	17 cm 6.75"
101-8201-125	Angled 125°	17 cm 6.75"





### Fomon STILLE nässax | Fomon STILLE Nasal Scissors

Scissors for rhinoplasty. Double-beveled blades.

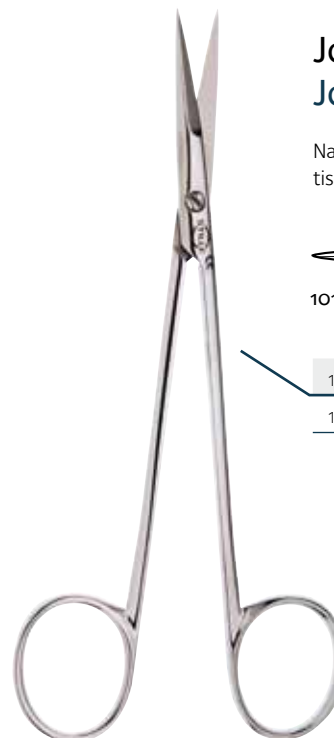


101-8025

101-8025	Curved	12,5 cm 5"
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### Joseph STILLE nässax | Joseph STILLE Nasal Scissors

Nasal scissors for the lower lateral cartilage. Useful in dissecting and cutting tough tissue. Beveled blades.



101-8110



101-8115

101-8110	Straight	15 cm 6"
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101-8115	Curved	15 cm 6"
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### Joseph STILLE SuperCut nässax | Joseph STILLE SuperCut Nasal Scissors

Super Cut nasal scissors for the lower lateral cartilage. Useful in dissecting and cutting tough tissue. Beveled blades.



101-8110



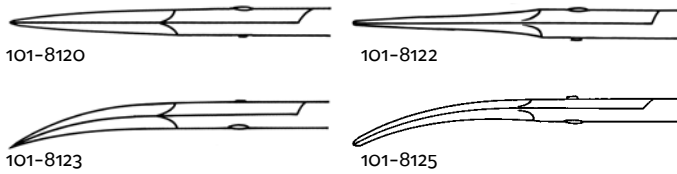
101-8115

101-8110-1	Straight	15 cm 6"
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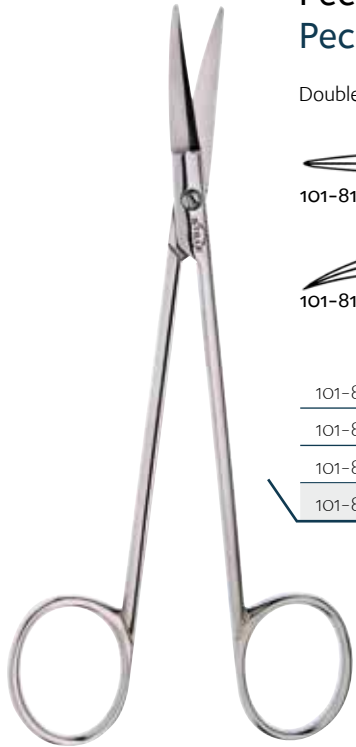
101-8115-1	Curved	15 cm 6"
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### Peck-Joseph STILLE nässax | Peck-Joseph STILLE Nasal Scissors

Double-beveled scissors for rhinoplasty.

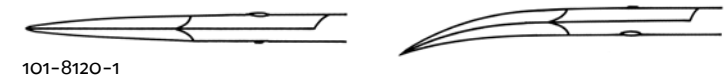


101-8120	Sharp	Straight	15 cm 6"
101-8122	Blunt	Straight	15 cm 6"
101-8123	Sharp	Curved	15 cm 6"
101-8125	Blunt	Curved	15 cm 6"



### Peck-Joseph STILLE SuperCut nässax | Peck-Joseph STILLE SuperCut Nasal Scissors

Double-beveled scissors for rhinoplasty.



101-8120-1	Sharp	Straight	15 cm 6"
101-8123-1	Sharp	Curved	15 cm 6"



### STILLE SuperCut nässax | STILLE SuperCut Nasal Scissors

SuperCut nasal scissors for excision of cartilage.



101-8411

101-8411 Straight Angled shanks 18 cm 7"



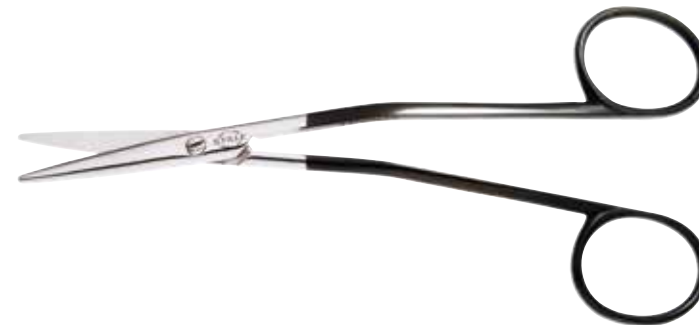
### STILLE Fomon SuperCut nässax | STILLE Fomon SuperCut Nasal Scissors

Serrated SuperCut scissors for cutting dorsal cartilage. Angled shanks for better visibility.



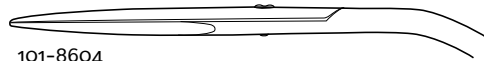
101-8425

101-8425 Serrated blades Angled shanks 14 cm 5.5"



## STILLE Cottle SuperCut nässax | STILLE Cottle SuperCut Nasal Scissors

SuperCut scissors with heavy blades for cutting dorsal cartilage. Angled shanks for better visibility. Serrated blades.



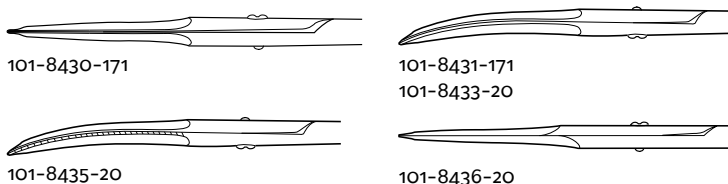
101-8604

101-8604 Serrated blades Angled shanks 16 cm 6.25"

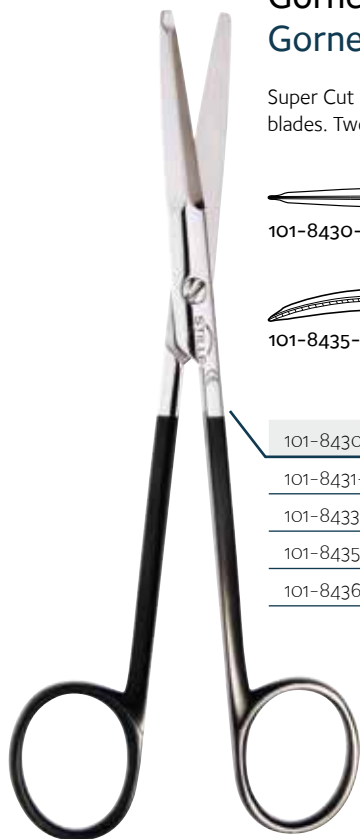


### Gorney STILLE SuperCut Face-lift sax | Gorney STILLE SuperCut Face-lift scissors

Super Cut double-beveled face-lift scissors with flat tips and semi-sharp outer blades. Two models with serrated blades to prevent tissue slippage.

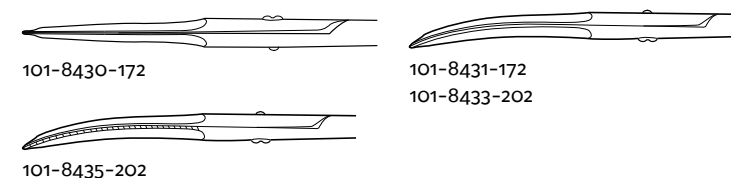


101-8430-171	Straight		17 cm 6.75"
101-8431-171	Curved		17 cm 6.75"
101-8433-20	Curved		20 cm 8"
101-8435-20	Curved	Serrated	20 cm 8"
101-8436-20	Straight	Serrated	20 cm 8"



### Gorney STILLE SuperCut ergonomisk Face-lift sax | Gorney STILLE SuperCut Ergonomic Face-lift scissors

Ergonomic design to avoid fatigue in the hand. One model with serrated blades to prevent tissue slippage. Flat tips and semi-sharp outer blades.



101-8430-172	Straight		17 cm 6.75"
101-8431-172	Curved		17 cm 6.75"
101-8433-202	Curved		20 cm 8"
101-8435-202	Curved	Serrated	20 cm 8"





### Aston STILLE SuperCut Face-lift sax | Aston STILLE SuperCut Face-lift scissors

Double-beveled SuperCut face-lift scissors with semi-sharp outer blades for undermining flaps.



101-8440-201

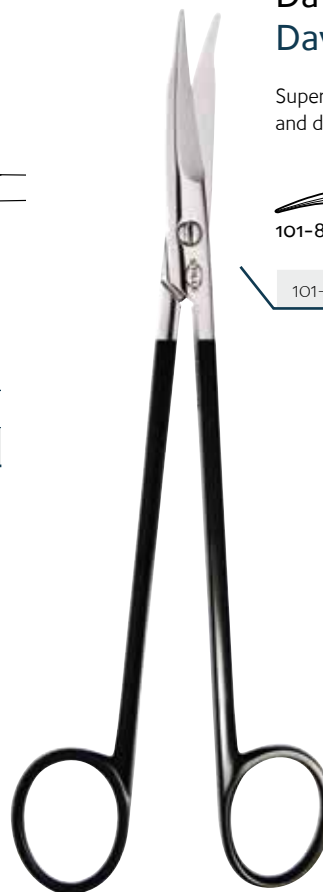


101-8441-201



101-8442-171

101-8440-201	Straight		20 cm 8 in
101-8441-201	Curved		20 cm 8 in
101-8442-171	Curved	Serrated	17 cm 6.75 in



### Davis STILLE SuperCut Face-lift sax | Davis STILLE SuperCut Face-lift Scissors

SuperCut face-lift scissors with tapered blades and sharp tips for precise cutting and dissection.



101-8452

101-8452	Curved		18 cm 7"
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### Rees STILLE SuperCut Face-lift sax | Rees STILLE SuperCut Face-lift scissors

SuperCut face-lift scissors, double-beveled with semi-sharp outer blades for undermining skin flaps.



101-8456-171

101-8456-171	Curved	17 cm 6.75"
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### Matarasso STILLE SuperCut Face-lift sax | Matarasso STILLE SuperCut Face-lift scissors

SuperCut face-lift scissors with double-beveled semi-sharp outer blades.



101-8458



101-8459-20

101-8458-17	Curved	17 cm 6.75"
101-8458-20	Curved	20 cm 8"
101-8459-20	Straight	20 cm 8"



### Matarasso STILLE SuperCut ergonomisk Face-lift sax | Matarasso STILLE SuperCut Ergonomic Face-lift scissors

Ergonomic version of the Matarasso SuperCut face-lift scissors with double-beveled semi-sharp outer blades.



101-8458

101-8458-172	Curved	17 cm 6.75"
101-8458-202	Curved	20 cm 8"



## Littler STILLE trådförings sax | Littler STILLE Suture carrying scissors

Suture carrying scissors. Rounded blades.

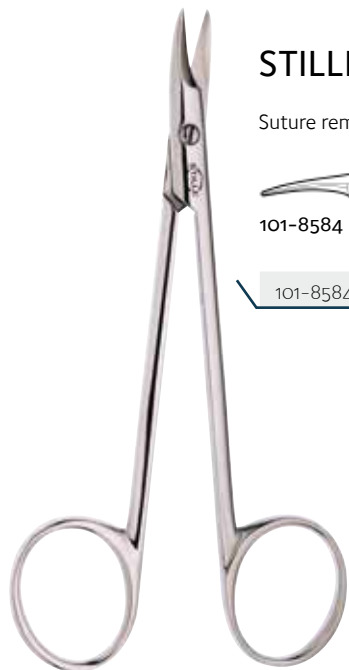


101-8164

101-8164 Curved 12.5 cm 5"







### STILLE sutursax | STILLE Suture scissors

Suture removal scissors.



101-8584

101-8584 Curved 13.5 cm 5.25"



### Spencer STILLE sutursax | Spencer STILLE Suture scissors

Popular suture scissors for many procedures. Delicate model.

101-8586-9 9 cm 3.5"



### Lister STILLE TC bandagesax | Lister STILLE TC Bandage Scissors

Bandage scissors with TC-inserts for improved durability.

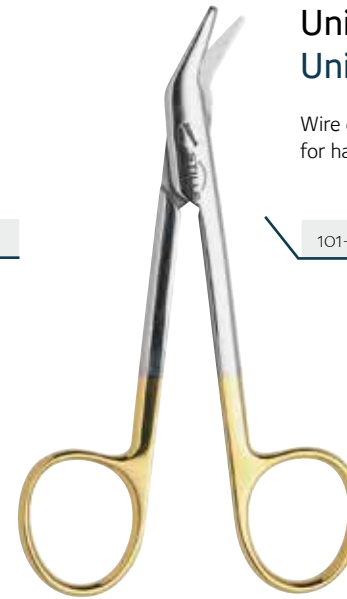
101-8595-18 TC-inserts 18 cm 7"



**Littauer STILLE sutursax |  
Littauer STILLE Suture scissors**

A somewhat larger model than Spencer. Used in many procedures.

101-8597-14 Delicate pattern 14 cm 5.5"



**Universal STILLE ståltrådssax |  
Universal STILLE Wire Cutting scissors**

Wire cutting scissors with TC-inserts. For soft wire up to 1.2 mm,  
for hard wire up to 0.8 mm.

101-8815-12 TC 12 cm 4.75"





**SOM EN FÖRLÄNGNING** av kirurgens tumme och pekfinger måste pincetten kunna fatta och släppa taget med samma känslighet som hos ett par fingertoppar. Klorna på de kirurgiska pincetterna är därför speciellt formgivna för att fatta ett fast, men ändå mildt, grepp om vävnaden. De anatomiska pincetterna är tillverkade för att kunna ta ett så atraumatiskt grepp som möjligt om känslig vävnad.

Det är finjusteringen som skapar den perfekta balansen med ett följsamt, fjädrande motstånd och ett stadigt grepp. Den karrerade ytan ökar greppbarheten ytterligare. Det ger kirurgen full kontroll samtidigt som det orsakar så lite skada på vävnaden som möjligt.

Pincetten hör till de kirurgiska instrument som grundaren Albert Stille lärde sig att tillverka från grunden redan under sina lärlingsår på 1830-talet. Ett till synes enkelt hjälpmedel som dock kräver exakt precision vid tillverkningen. Genom åren har STILLES pincetter fortsatt att förfinas och de är idag erkända för sin unikt mjuka känsla och goda balans i kombination med sin oöverträffade livslängd.

**AS AN EXTENSION OF THE SURGEON'S THUMB** and forefinger, forceps need to grasp and release with the same sensitivity as a pair of fingertips. The claws on surgical forceps are specially designed to make a firm, yet gentle, grasp of the tissue. The anatomical forceps are designed, as much as possible, to take an atraumatic grip on sensitive tissue.

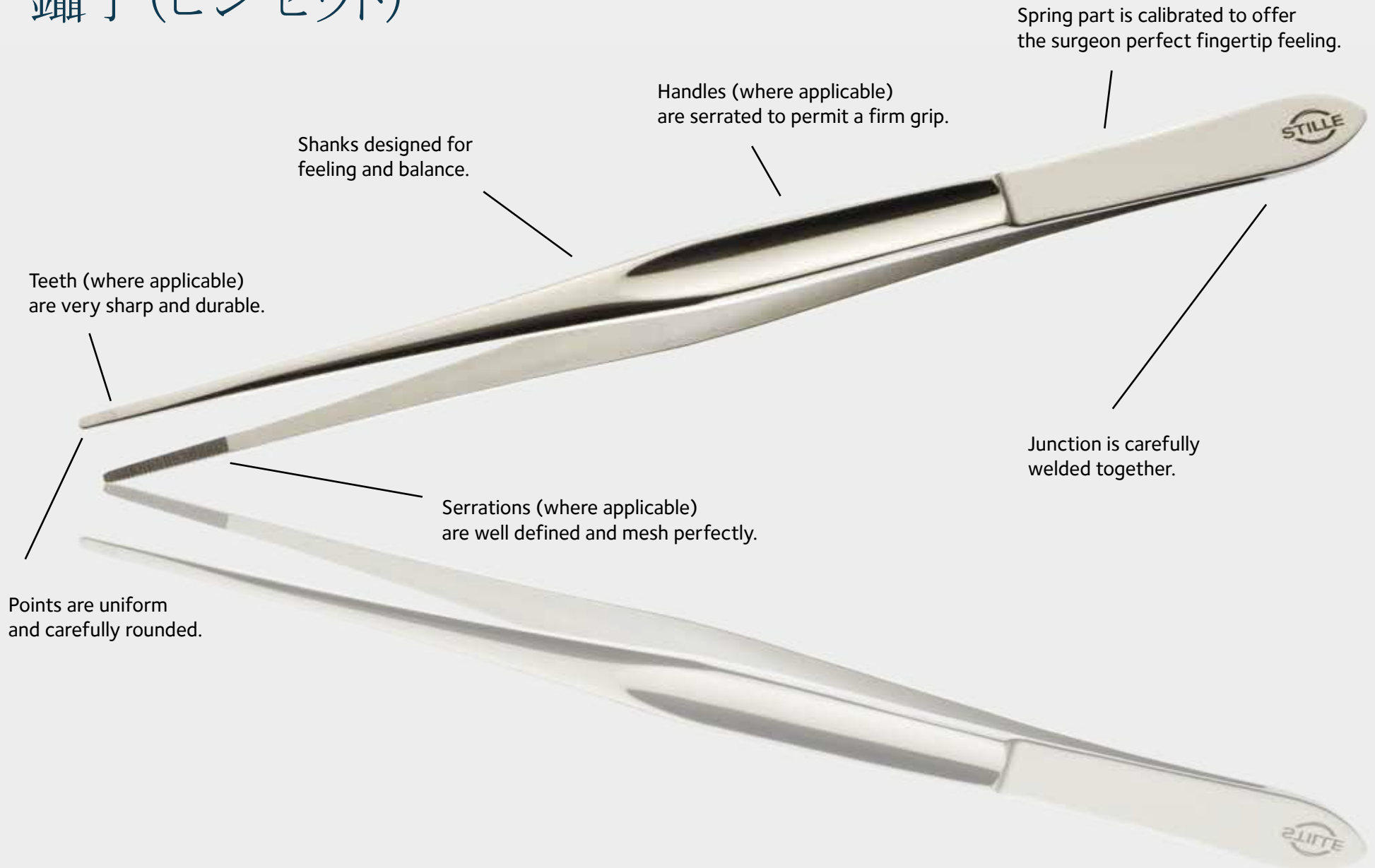
It is the fine tuning that creates the perfect balance with a smooth, resilient spring action and a firm grip. The surface grooves increase gripping power even further. This gives the surgeon full control while causing as little harm to the tissue as possible.

Forceps are among the surgical instruments that founder Albert Stille learned to make from scratch during his apprenticeship in the 1830's. Forceps are seemingly simple instrument but still demands ultra-precision in the manufacturing process. Over the years, STILLE's forceps continue to be refined and are today recognized for their unique feel and excellent balance in combination with unsurpassed longevity.



# Pincetter | Forceps | Pinzetten | Pinze | Pinzas |

## 鑷子 (ピンセット)





### Adson STILLE pincett | Adson STILLE Tissue Forceps

Tissue forceps with very delicate points and 1x2 fine teeth. Used in most specialties for delicate work.



102-9019



102-9022  
102-9022-15

102-9019	Very delicate	1x2 teeth	12 cm 4.75"
102-9022	Cross-serrated	1x2 teeth	12 cm 4.75"
102-9022-15	Cross-serrated	1x2 teeth	15 cm 6"

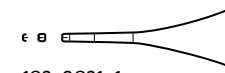


### Adson-Callison STILLE pincett | Adson-Callison STILLE Tissue Forceps

Tissue forceps with tying platform and 1x2 fine teeth.



102-9021



102-9021-1

102-9021	Tying platform	1x2 teeth	12 cm 4.75"
102-9021-1	Delicate tying platform	1x2 teeth	12 cm 4.75"



### Adson-Brown STILLE pincett | Adson-Brown STILLE Tissue Forceps

Tissue forceps with side-grasping teeth for secure, atraumatic grasping of soft tissue or cartilage.



102-9023-12

102-9023-12	Side-grasping teeth	12 cm 4.75"
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### Gillies STILLE pincett | Gillies STILLE Tissue Forceps

Tissue forceps with 1x2 fine teeth and stabilizing pin. An excellent forceps for the surgeon who wants an Adson-size tip, but with greater length.



102-9027

102-9027	Serrated	1x2 fine teeth	15,5 cm 6.25"
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### STILLE pincett | STILLE Tissue Forceps

Tissue forceps with 1x2 fine teeth and stabilizing pin. Delicate model.



102-9028

102-9028	Serrated	1x2 fine teeth	15,5 cm 6.25"
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### STILLE pincett | STILLE Tissue Forceps

Tissue forceps with 1x2 teeth.



102-9060

102-9060-15	1x2 teeth	15 cm 6"
102-9060-17	1x2 teeth	17 cm 6.75"
102-9060-20	1x2 teeth	20 cm 8"



### STILLE pincett | STILLE Tissue Forceps

Tissue forceps with 1x2 fine teeth.



102-9050-13

102-9050-13	1x2 fine teeth	13 cm 5"
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### STILLE pincett | STILLE Tissue Forceps

Tissue forceps with 2x3 teeth. Used when more grasping power than 1x2 teeth is needed.



102-9062

102-9062-15	2x3 teeth	15 cm 6"
102-9062-17	2x3 teeth	17 cm 6.75"
102-9062-20	2x3 teeth	20 cm 8"





### Adlercreutz STILLE pincett | Adlercreutz STILLE Tissue Forceps

Tissue forceps with 4x5 fine teeth. Very useful in neurosurgery to hold the dura, and in cardiovascular surgery to hold the pericardium.



102-9248-15	4x5 fine teeth	15 cm 6"
102-9248-20	4x5 fine teeth	20 cm 8"
102-9248-25	4x5 fine teeth	25 cm 10"

### Waugh-Brophy STILLE pincett | Waugh-Brophy STILLE Tissue Forceps

Tissue forceps with 1x2 fine teeth. Very fine tips, like Adson. Useful when long and slender instruments are needed.



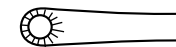
102-9252

102-9252-20	1x2 teeth	Cross-serrated	20 cm 8"
102-9252-25	1x2 teeth	Cross-serrated	25 cm 10"
102-9252-30	1x2 teeth	Cross-serrated	30 cm 12"



### Russian STILLE pincett | Russian STILLE Tissue Forceps

Forceps for secure grip of tissue. Used when a better grip than with a dressing forceps is needed, and when damage to the tissue must be avoided. For hard and slippery tissue.



102-9270-20

102-9270-20	20 cm 8"
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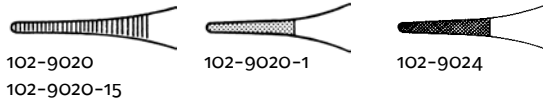






### Adson STILLE anatomisk pincett | Adson STILLE Dressing Forceps

General-purpose dressing forceps with various types of jaw surfaces.

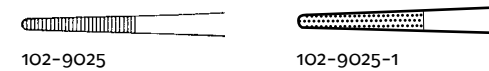


102-9020	Serrated	12 cm 4.75"
102-9020-15	Serrated	15 cm 6"
102-9020-1	Diamond jaws	12 cm 4.75"
102-9024	TC jaws cross-serrated	12 cm 4.75"



### McIndoe STILLE anatomisk pincett | McIndoe STILLE Dressing Forceps

Dressing forceps with stabilizing pin and delicate jaws for grasping fine tissue.



102-9025	Serrated	15,5 cm 6.25"
102-9025-1	Diamond Jaws	15,5 cm 6.25"

### STILLE anatomisk pincett | STILLE Dressing Forceps

Dressing forceps with square shaped and serrated points used in all surgical specialties.



102-9030-13	Square points	13 cm 5"
102-9030-15	Square points	15 cm 6"
102-9030-17	Square points	17 cm 6.75"
102-9030-20	Square points	20 cm 8"
102-9030-25	Square points	25 cm 10"



### STILLE anatomisk pincett | STILLE Dressing Forceps

Dressing forceps with rounded points and serrated jaws.



102-9040-15	Rounded points	15 cm 6"
102-9040-17	Rounded points	17 cm 6.75"
102-9040-20	Rounded points	20 cm 8"
102-9040-25	Rounded points	25 cm 10"
102-9040-30	Rounded points	30 cm 12"





**Crafoord-STILLE anatomisk pincett |  
Crafoord-STILLE Dressing Forceps**

Dressing forceps with rounded points. The perfect balance and delicate grip gives this instrument a unique feeling.



102-9077-20



102-9078-20

102-9077-20	Serrated	20 cm 8"
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102-9078-20	Diamond jaws	20 cm 8"
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**Waugh-Brophy STILLE anatomisk pincett |  
Waugh-Brophy STILLE Dressing Forceps**

Dressing forceps with very fine points and two different jaw surfaces. The cross-serration gives excellent holding power.



102-9254



102-9255-20

102-9255-25

102-9254	Cross- serrated	20 cm 8"
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102-9255-20	Diamond jaws	20 cm 8"
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102-9255-25	Diamond jaws	25 cm 10"
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## Olivecrona-STILLE durapincett | Olivecrona-STILLE Dura Forceps

Dura forceps with 2x3 fine teeth. The nonpenetrating tips give the surgeon maximum grip without damaging the tissue.



102-9244-15	2x3 fine teeth	15 cm 6"
102-9244-20	2x3 fine teeth	20 cm 8"
102-9244-25	2x3 fine teeth	25 cm 10"

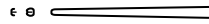


## STILLE irispincett | STILLE Iris Forceps

Short delicate forceps with either 1x2 fine teeth or serrated jaws.



102-9460



102-9470

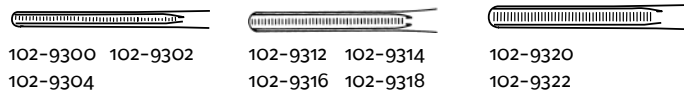
102-9460	Serrated	10 cm 4"
102-9470	1x2 teeth	10 cm 4"





### STILLE De Bakey kärlpincett | STILLE De Bakey Vascular Forceps

Atraumatic forceps with De Bakey jaws for handling of blood vessels and other delicate tissue. Can be insulated on request.



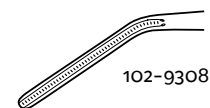
102-9300 102-9302 102-9312 102-9314 102-9320  
102-9304 102-9316 102-9318 102-9322

102-9340	De Bakey type	1 mm	15 cm 6"
102-9342	De Bakey type	1 mm	20 cm 8"
102-9354	De Bakey type	1.5 mm	25 cm 10"
102-9300	De Bakey type	2 mm	15 cm 6"
102-9302	De Bakey type	2 mm	20 cm 8"
102-9304	De Bakey type	2 mm	25 cm 10"
102-9312	De Bakey type	2.7 mm	15 cm 6"
102-9314	De Bakey type	2.7 mm	20 cm 8"
102-9316	De Bakey type	2.7 mm	25 cm 10"
102-9318	De Bakey type	2.7 mm	30 cm 11.75"
102-9320	De Bakey type	3.2 mm	20 cm 8"
102-9322	De Bakey type	3.2 mm	25 cm 10"



### STILLE De Bakey kärlpincett | STILLE De Bakey Vascular Forceps

Angled atraumatic forceps with De Bakey jaws for delicate tissue.

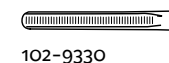


102-9308 De Bakey type 2 mm 20 cm 8"



### STILLE De Bakey kärlpincett | STILLE De Bakey Vascular Forceps

Atraumatic forceps with De Bakey jaws for delicate tissue, non serrated handles. Stop pin for preventing from gripping the tissue too hard.



102-9330

102-9330 De Bakey type 2 mm 20 cm 8"



**Waugh-Brophy STILLE isolerad diatermipincett |  
 Waugh-Brophy STILLE insulated Diathermy  
 Forceps**

Insulated version of the popular Waugh-Brophy forceps. Used in monopolar diathermy with 1x2 teeth.



102-9852

102-9852-20 1x2 teeth Cross-serrated 20 cm 8"

102-9852-25 1x2 teeth Cross-serrated 25 cm 10"

102-9852-30 1x2 teeth Cross-serrated 30 cm 12"

**Björk-STILLE diatermipincetter | Björk-STILLE  
 Diathermy Forceps**

Insulated forceps for monopolar diathermy. Serrations allow grasping of delicate structures.



102-9845

102-9845-15 Insulated 15 cm 6"

102-9845-20 Insulated 20 cm 8"

102-9845-25 Insulated 25cm 10"

**Waugh-Brophy STILLE isolerad diatermipincett |  
 Waugh-Brophy STILLE insulated Diathermy  
 Forceps**

Insulated version of the popular Waugh-Brophy forceps. Used in monopolar diathermy. With Diamond Jaws.



102-9855

102-9855-20 Diamond jaws 20 cm 8"

102-9855-25 Diamond jaws 25 cm 10"



## Björk–STILLE knutpincett | Björk–STILLE Knot-Holding Forceps

Same as Björk–STILLE diathermy forceps, but without insulation.



102-9846-20

102-9846-20

20 cm 8 in





**STILLES PEANGER** har en unik och gracil design med mjuka former, alltid med kirurgens specifika behov i fokus. Det öppna boxlåset förenklar rengöringen och minimerar risken för att kirurgens handskar eller suturer ska fastna i instrumentet. Utformningen av det speciella knäppet är unik och håller alltid peangen stängd i en säker position. Samtidigt är knäppet mycket lätt och smidigt att öppna så att kirurgen hela tiden har full kontroll.

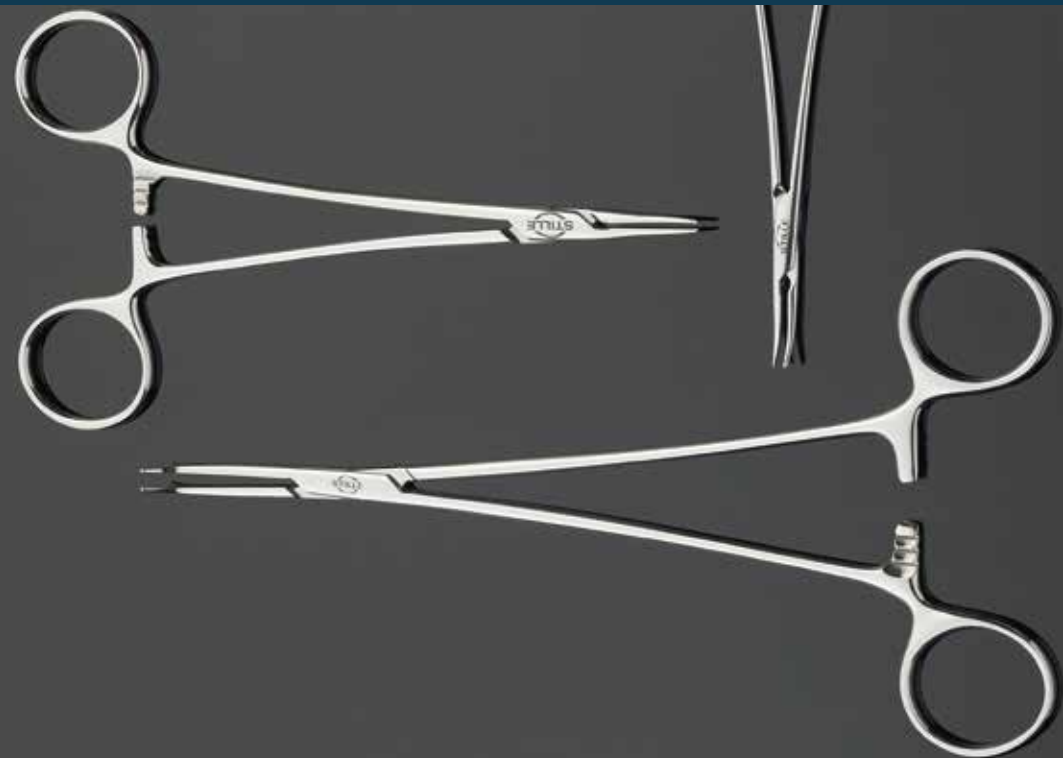
Käftarna har rundade kanter och perfekt passform mot varandra. Det finns ingen risk för att de ska släppa greppet. Peangen stängs och öppnas lika snabbt och smidigt med ett enkelt handgrepp. Därför upplevs den som mycket mjukare och med en spänst som inga andra fabrikat kan erbjuda.

Konstruktionen har fortsatt att förbättras under årens lopp och många försök har gjorts att kopiera STILLES egenutvecklade design. Den oöverträffade livslängden gör peangerna till en god investering som kan användas under många år.

**STILLE'S ARTERY FORCEPS** have a unique and graceful design featuring soft shapes, always with the surgeon's specific needs in mind. The open box lock simplifies cleaning and minimizes the risk of the surgeon's gloves or sutures becoming entangled in the instrument. The design of the special ratchet is unique and always keeps the forceps closed in a secure position. At the same time the ratchet is very easy and convenient to open, giving the user full control.

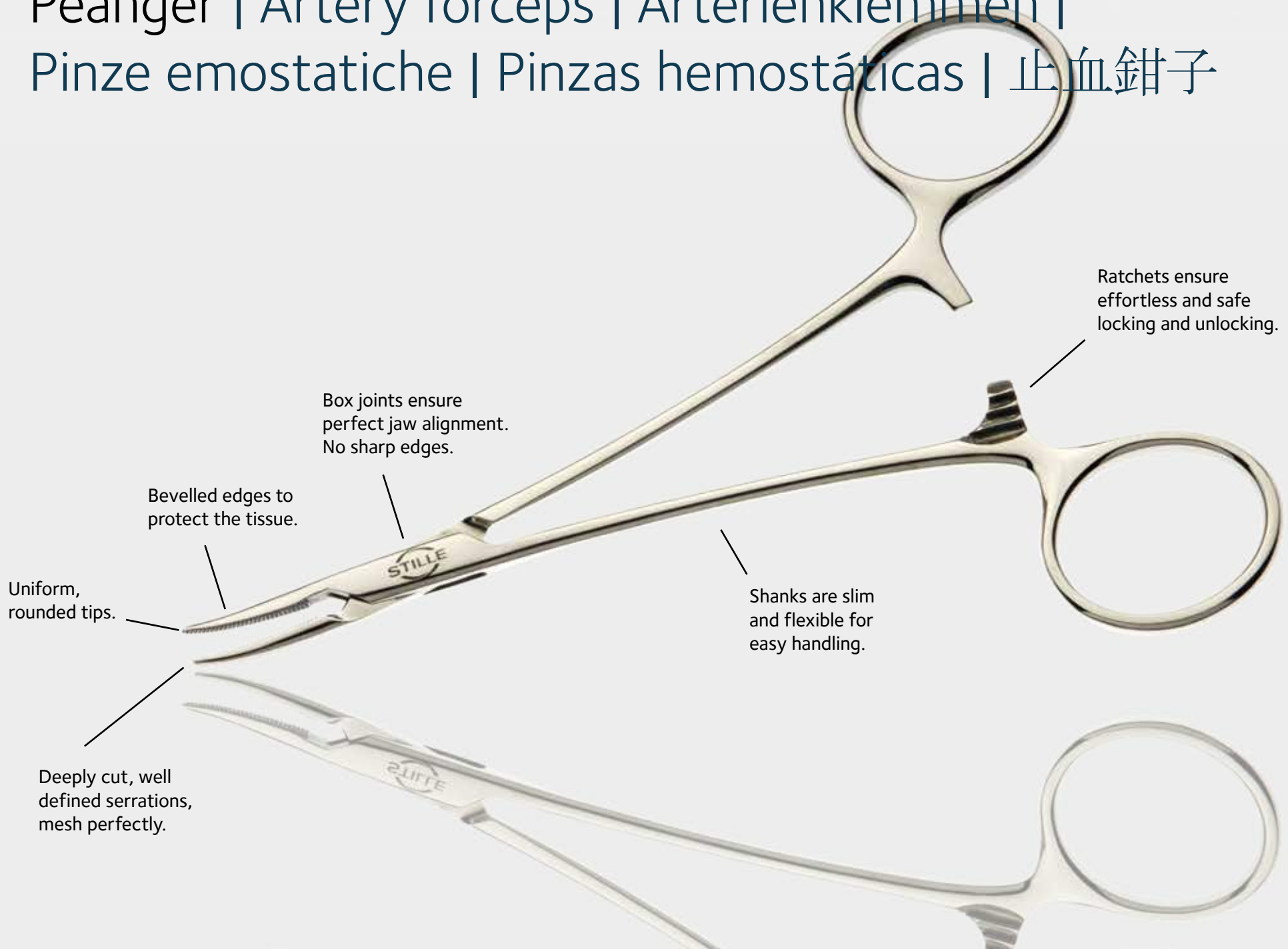
The jaws have rounded edges and fit perfectly together. There is no risk of losing grip. The instrument closes and opens quickly and smoothly with a simple operation. STILLE artery forceps have a softer feel with performance properties that no other brand can offer.

The manufacturing technique has continued to improve over the years and many attempts have been made to imitate STILLE's proprietary design. The unsurpassed longevity makes these instruments a good investment that will be in service for many years.





Peanger | Artery forceps | Arterienklemmen |  
Pinze emostatiche | Pinzas hemostáticas | 止血鉗子



Ratchets ensure effortless and safe locking and unlocking.

Box joints ensure perfect jaw alignment. No sharp edges.

Bevelled edges to protect the tissue.

Uniform, rounded tips.

Shanks are slim and flexible for easy handling.

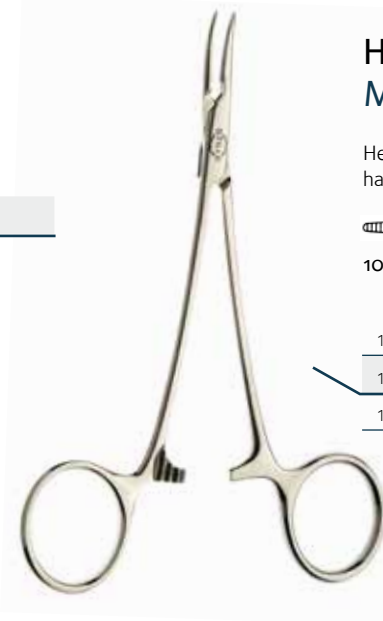
Deeply cut, well defined serrations, mesh perfectly.



### Pean STILLE peang | Pean STILLE Artery Forceps

General utility forceps used in many surgical disciplines.

103-10015-131	Straight	13.5 cm 5.25"
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### Halsted-Mosquito STILLE peang | Halsted-Mosquito STILLE Artery Forceps

Hemostat without teeth, used in small operative fields. For plastic surgery, neuro, hand or any delicate surgery.



103-10030-121



103-10032-121



103-10032-181

103-10030-121	Straight	12 cm 4.75"
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103-10032-121	Curved	12 cm 4.75"
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103-10032-181	Curved	18 cm 7"
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### Halsted-Mosquito STILLE gracil peang | Halsted-Mosquito STILLE delicate Artery Forceps

Delicate hemostat without teeth for small operating field.



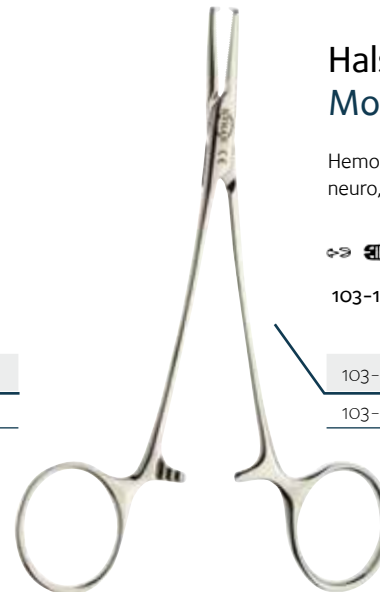
103-10026-121



103-10028-121

103-10026-121	Straight	12 cm 4.75"
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103-10028-121	Curved	12 cm 4.75"
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### Halsted-Mosquito STILLE peang | Halsted-Mosquito STILLE Artery Forceps

Hemostat with 1x2 teeth, used in small operative fields. For plastic surgery, neuro, hand or any delicate surgery.



103-10035-121



103-10037-121

103-10035-121	1x2 teeth	Straight	12 cm 4.75"
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103-10037-121	1x2 teeth	Curved	12 cm 4.75"
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### Kocher STILLE peang | Kocher STILLE Artery Forceps

Hemostat with 1x2 teeth. Widely used when a short instrument is needed. Can also be used as tissue forceps to retract or lift an organ.



103-10115-141

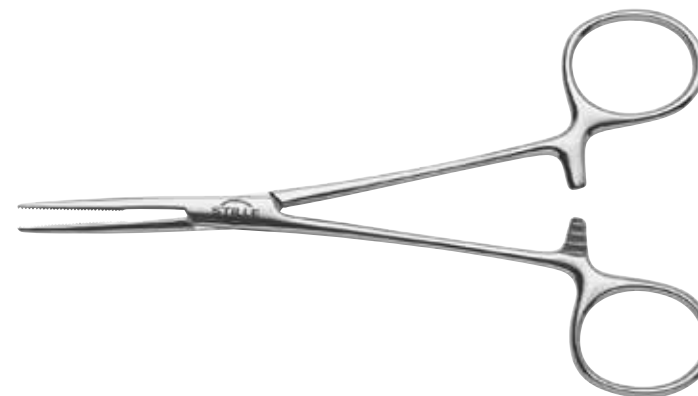
103-10115-141	1x2 teeth	Straight	14 cm 5.5"
103-10117-141	1x2 teeth	Curved	14 cm 5.5"



### Kelly STILLE peang | Kelly STILLE Artery Forceps

Fairly short hemostat with jaws, half-serrated.

103-10150-141	Straight	14 cm 5.5"
103-10152-141	Curved	14 cm 5.5"



### Kelly-Rankin STILLE peang | Kelly-Rankin STILLE Artery Forceps

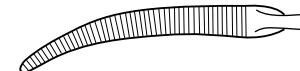
Longer version of the Kelly hemostat with jaws half-serrated.



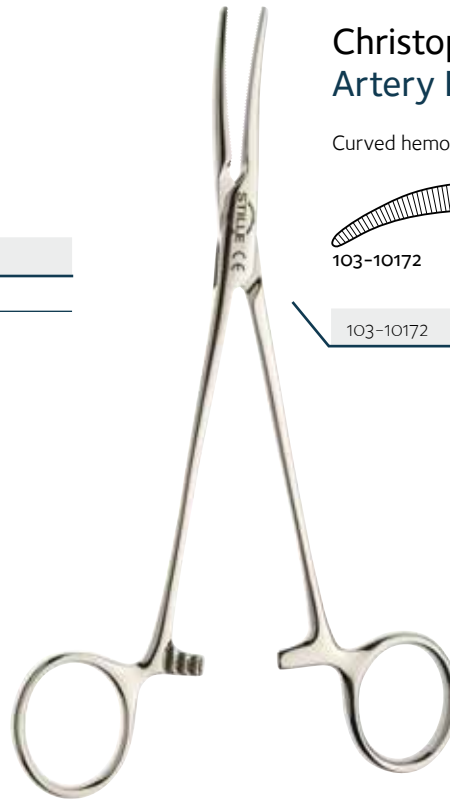
103-10160-161	Straight	16 cm 6.25"
103-10162-161	Curved	16 cm 6.25"

### Christophe-STILLE peang | Christophe-STILLE Artery Forceps

Curved hemostat without teeth.



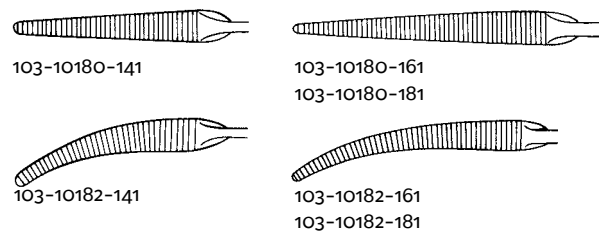
103-10172



103-10172	Curved	16 cm 6.25"
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### Crile STILLE peang | Crile STILLE Artery Forceps

General purpose hemostat without teeth. Used in relatively small operating fields, when more strength is needed than a Mosquito can offer.

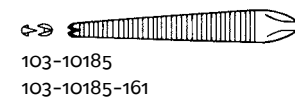


103-10180-141	Straight	14 cm 5.5"
103-10180-161	Straight	16 cm 6.25"
103-10180-181	Straight	18 cm 7"
103-10182-141	Curved	14 cm 5.5"
103-10182-161	Curved	16 cm 6.25"
103-10182-181	Curved	18 cm 7"



### Crile STILLE peang | Crile STILLE Artery Forceps

General purpose hemostat with 1x2 teeth. Used in relatively small operating fields, when more strength is needed than a Mosquito can offer.

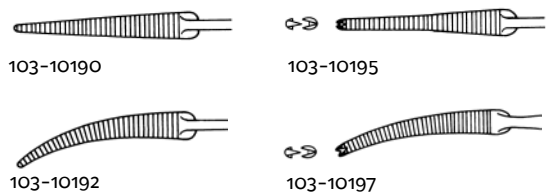


103-10185	1x2 teeth	Straight	14 cm 5.5"
103-10185-161	1x2 teeth	Straight	16 cm 6.25"
103-10187-141	1x2 teeth	Curved	14 cm 5.5"
103-10187-161	1x2 teeth	Curved	16 cm 6.25"



### Leriche STILLE peang | Leriche STILLE Artery Forceps

Fairly tapered hemostat. For use in small operative fields.

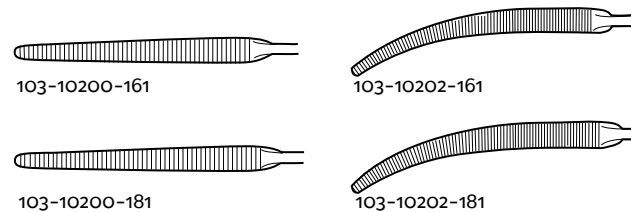


103-10190		Straight	15 cm 6"
103-10192		Curved	15 cm 6"
103-10195	1x2 teeth	Straight	15 cm 6"
103-10197	1x2 teeth	Curved	15 cm 6"



### Rochester-Péan STILLE peang | Rochester-Péan STILLE Artery Forceps

Sturdy hemostat. Relatively blunt tips. Used in all types of surgery.

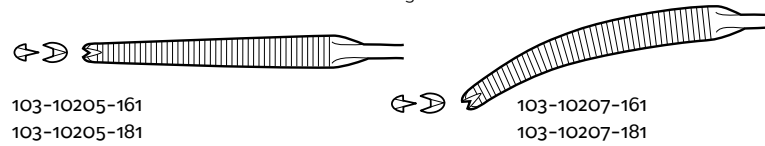


103-10200-161		Straight	16 cm 6.25"
103-10200-181		Straight	18 cm 7"
103-10202-161		Curved	16 cm 6.25"
103-10202-181		Curved	18 cm 7"



### Rochester-Ochsner STILLE peang | Rochester-Ochsner STILLE Artery Forceps

Sturdy hemostat with 1x2 teeth. Used when a strong forceps is needed, both to occlude blood vessels and to lift or retract organs.



103-10205-161  
103-10205-181

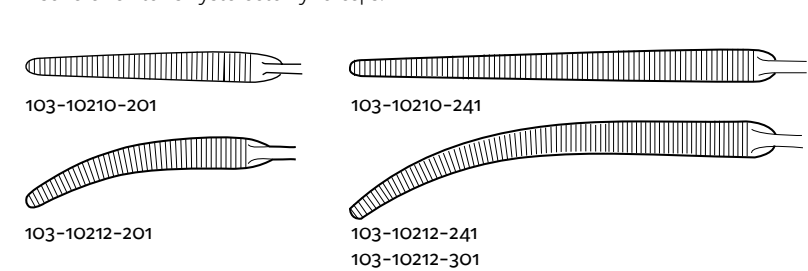
103-10207-161  
103-10207-181

103-10205-161	1x2 teeth	Straight	16 cm 6.25"
103-10205-181	1x2 teeth	Straight	18 cm 7"
103-10207-161	1x2 teeth	Curved	16 cm 6.25"
103-10207-181	1x2 teeth	Curved	18 cm 7"



### Rochester-Péan STILLE peang | Rochester-Péan STILLE Artery Forceps

Sturdy hemostats. The 20 cm has short and the 24 cm has long jaws. Also referred to as hysterectomy forceps.



103-10210-201

103-10210-241

103-10212-201

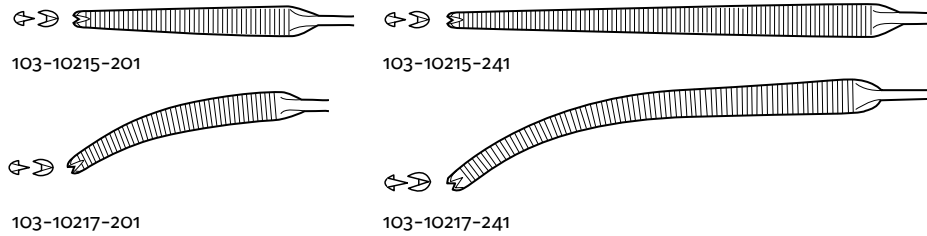
103-10212-241  
103-10212-301

103-10210-201	Straight	20 cm 8"
103-10210-241	Straight	24 cm 9.5"
103-10212-201	Curved	20 cm 8"
103-10212-241	Curved	24 cm 9.5"
103-10212-301	Curved	30 cm 12"



### Rochester-Ochsner STILLE peang | Rochester-Ochsner STILLE Artery Forceps

Sturdy hemostat with 1x2 teeth. Used when a strong and long forceps is needed, both to occlude blood vessels and to lift or retract organs.

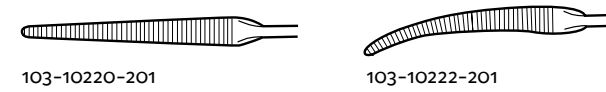


103-10215-201	1x2 teeth	Straight	20 cm 8"
103-10215-241	1x2 teeth	Straight	24 cm 9.5"
103-10217-201	1x2 teeth	Curved	20 cm 8"
103-10217-241	1x2 teeth	Curved	24 cm 9.5"



### Bengolea STILLE peang | Bengolea STILLE Artery Forceps

A long hemostat with straight or curved jaws without teeth.



103-10220-201	Straight	20 cm 8"
103-10222-201	Curved	20 cm 8"





### Olivecrona STILLE peang | Olivecrona STILLE Artery Forceps

16 cm straight hemostat. Useful as a long hemostat with fine points.



103-10240-161

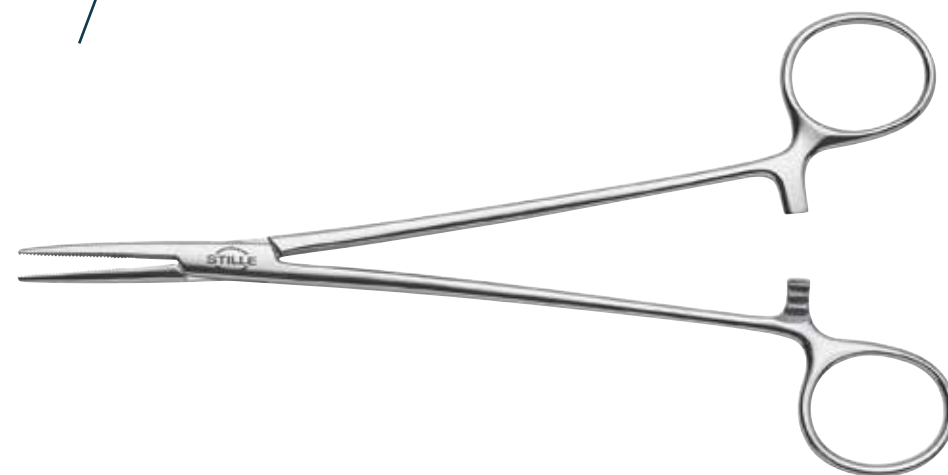
103-10240-161	Straight	16 cm 6.25"
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### Adson STILLE peang | Adson STILLE Artery Forceps

Popular model when a little longer and fairly delicate hemostat is needed.

103-10260-191	Straight	19 cm 7.5"
103-10262-191	Curved	19 cm 7.5"



### Dandy STILLE peang | Dandy STILLE Artery Forceps

Side curved hemostat without teeth. Often used in neuro surgery.



103-10310

103-10310 14 cm 5.5"



### Schmidt STILLE peang | Schmidt STILLE Artery Forceps

A hemostat popular in general surgery.



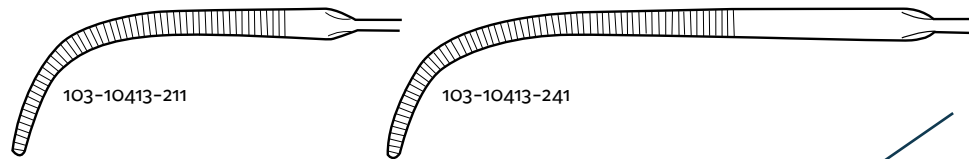
103-10411-201

103-10411-201 Curved 20 cm 8"



## Sawtell STILLE peang | Sawtell STILLE Artery Forceps

A hemostat with half-serrated and fairly strongly curved jaws.

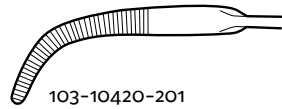


103-10413-211	Curved	21 cm 8.25"
103-10413-241	Curved	24 cm 9.5"



### Heiss STILLE peang | Heiss STILLE Artery Forceps

Dissecting and ligature clamps with half-serrated, jaws.

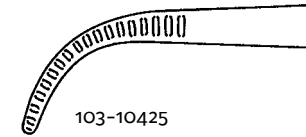


103-10421-211	Straight	21 cm 8.25"
103-10422-211	Curved	21 cm 8.25"
103-10420-201	Strongly curved	20 cm 8"



### Overholt STILLE peang | Overholt STILLE Dissecting Forceps

Strongly curved dissecting forceps.

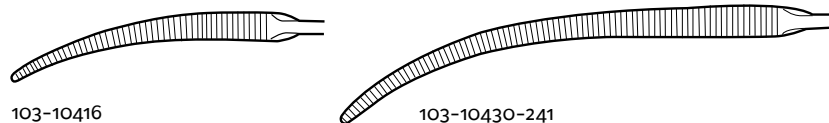


103-10425	Strongly curved	14 cm 5.5"
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### Crafoord STILLE peang | Crafoord STILLE Artery Forceps

Designed for thoracic and cardiovascular surgery. The fine tips make this a very useful instrument. Offers the surgeon Mosquito type tips, but with a length that allows working in a deep cavity.

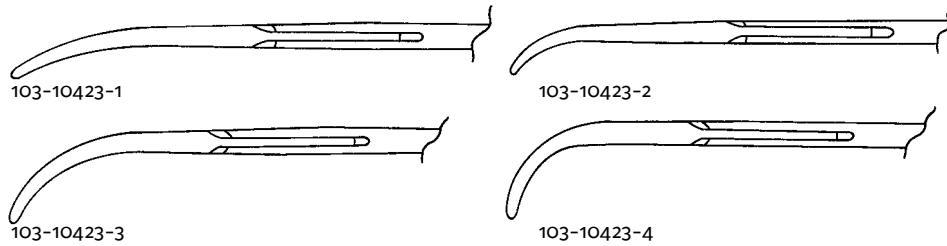


103-10416	Curved	18 cm 7"
103-10430-241	Curved	24 cm 9.5"



### STILLE artär- och ligaturklämmare | STILLE Artery and Ligature Clamp

Four very delicate models of dissecting forceps with different jaw curvature.



103-10423-1	Slightly curved	20 cm 8"
103-10423-2	Curved	20 cm 8"
103-10423-3	Strongly curved	19,5 cm 7.75"
103-10423-4	Angled 90°	19 cm 7,5"



### STILLE-Ehrén ligaturklämmare | STILLE-Ehrén Ligature Clamp

For fine and precise handling of ligatures in very narrow areas, such as paediatric surgery. The jaws close only at the tips to minimize the risk for accidental clamping of fragile vessels etc. Developed together with Henrik Ehrén, M.D. at Karolinska University Hospital. Matted finish.

103-10428-151 Delicate Strongly curved 15 cm 6"







**FÖR ETT FULLGOTT RESULTAT VID SUTURERING** krävs ett pålitligt och tåligt instrument. STILLES nålförare känns lätt igen på den gracila och mjuka designen vilket hjälper kirurgen att hålla nålen i ett mycket säkert grepp. De gyllene fingeröglorna indikerar att käftarna är försedda med inlägg av hårdmetall vilket förlänger hållbarheten. Vissa nålförare är istället belagda med Diamond Jaws där hårdmetallen har sprutats på som ett tunt skikt på insidan av käftarna.

Ett annat säkert kännetecken för STILLES nålförare är det öppna boxlåset vilket minskar risken för att nålföraren ska fastna i suturen eller kirurgens handskar. Samtidigt förenklas rengöring och sterilisering. Knäppets unika utformning ser till att nålföraren hålls stängd i ett säkert läge samtidigt som den är enkel att öppna igen. Alla dessa egenskaper ligger bakom den där speciella känslan som instrument från STILLE ger.

För exakt matchning av suturer och nålförare, se separat guide för passande suturstorlek till varje nålförare.



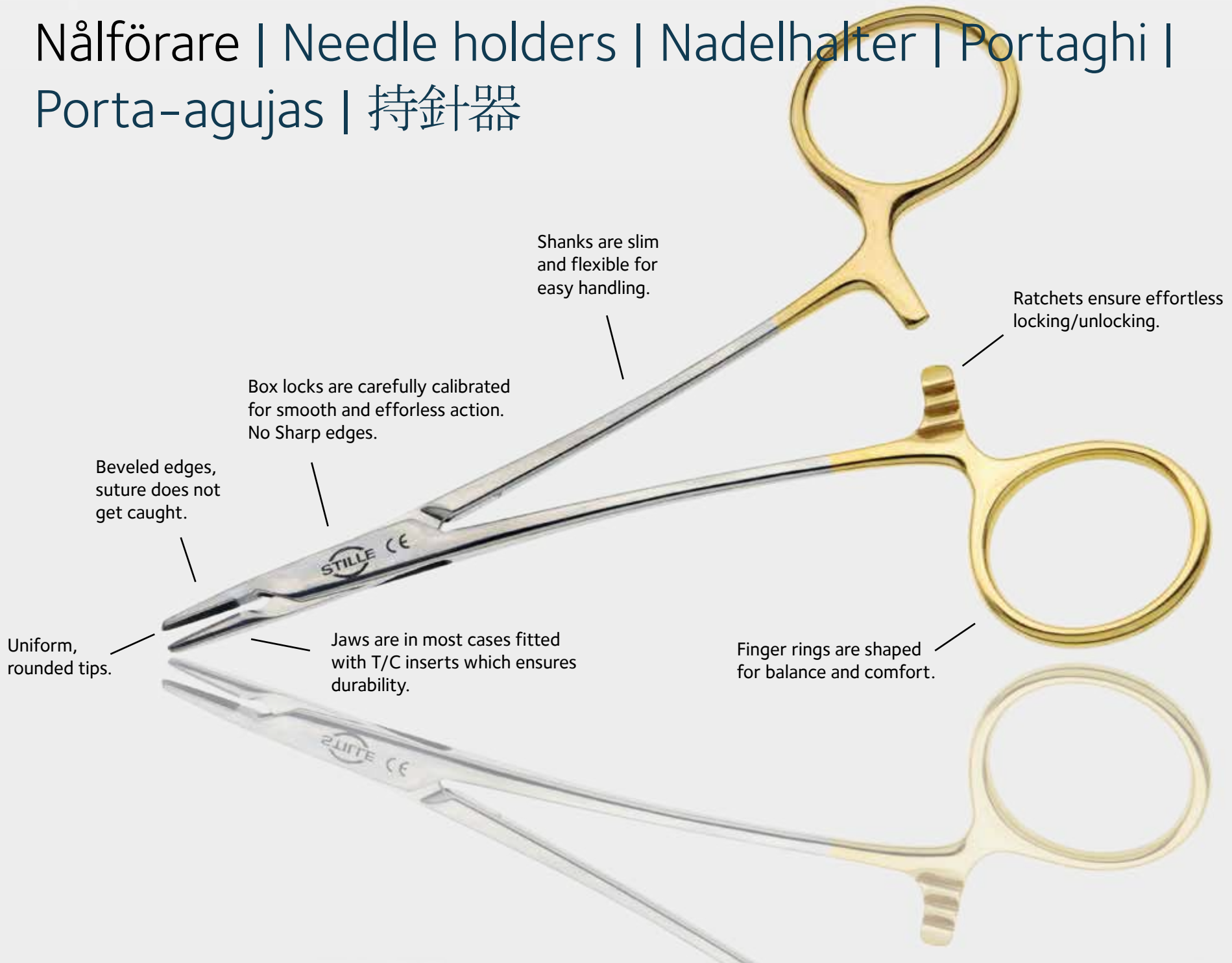
**A PERFECT RESULT WHEN SUTURING** requires a reliable and durable instrument. STILLE needle holders are easily recognized by their delicate and soft design, which helps the surgeon to hold the needle very securely. The golden finger loops indicate that the jaws are fitted with inserts of hard metal, which prolongs the life of the instrument. Some needle holders are instead coated with Diamond Jaws where hard metal is sprayed on as a thin layer on the inside of the jaws.

Another feature of STILLE's needle holders is the open box lock. This reduces the risk of the needle holder being caught in the sutures or the surgeon's gloves. It also simplifies the cleaning and sterilization process. The ratchet's unique design ensures that the instrument stays closed in a safe position while remaining easy to open. All of these features are characteristic of that special feel that instruments from STILLE provide.

For precise matching of sutures and needle holders, see the separate guide for matching suture size to individual needle holders.



# Nålförare | Needle holders | Nadelhalter | Portaghi | Porta-agujas | 持針器





Art.no	Description	Max suture size
104-15542	RAPP-STILLE KNOT-HOLDING FORCEPS 13 cm 5"	3/0
104-15545	WEBSTER STILLE very delicate DD jaws 12 cm 4.75"	5/0
104-15546	WEBSTER STILLE very delicate smooth 12 cm 4.75"	5/0
104-15549-131	KILNER STILLE TC jaws 13 cm 5"	4/0
104-15550	GILLIES STILLE serrated 16 cm 6.25"	2/0
104-15551	GILLIES STILLE TC jaws 16 cm 6.25"	2/0
104-15556	WEBSTER STILLE delicate smooth 12 cm 4.75"	4/0
104-15557	WEBSTER-KLEINERT STILLE smooth offset bows 12 cm 4.75"	4/0
104-15558	WEBSTER STILLE smooth TC jaws 12 cm 4.75"	3/0
104-15559	WEBSTER STILLE serrated TC jaws 12 cm 4.75"	4/0
104-15560	HALSEY STILLE TC jaws 12.5 cm 5"	3/0
104-15560-2	HALSEY STILLE ERGONOMIC TC jaws 12.5 cm 5"	3/0
104-15561-141	MAYO-HEGAR STILLE TC jaws 14 cm 5.5"	0
104-15561-161	MAYO-HEGAR STILLE TC jaws 16 cm 6.25"	0
104-15561-181	MAYO-HEGAR STILLE TC jaws 18 cm 7"	0
104-15561-201	MAYO-HEGAR STILLE TC jaws 20 cm 8"	0
104-15561-251	MAYO-HEGAR STILLE TC jaws 25 cm 10"	0
104-15562-161	MAYO-HEGAR STILLE Heavy Pattern TC jaws 16 cm 6.25"	1
104-15562-181	MAYO-HEGAR STILLE Heavy Pattern TC jaws 18 cm 7"	1
104-15562-201	MAYO-HEGAR STILLE Heavy Pattern TC jaws 20 cm 8"	1
104-15562-241	MAYO-HEGAR STILLE Heavy Pattern TC jaws 24 cm 9.5"	1
104-15562-271	MAYO-HEGAR STILLE Heavy Pattern TC jaws 27 cm 10.5"	1
104-15562-301	MAYO-HEGAR STILLE Heavy Pattern TC jaws 30 cm 12"	1
104-15565-151	CRILE-WOOD STILLE TC jaws 15 cm 6"	2/0
104-15565-181	CRILE-WOOD STILLE TC jaws 18 cm 7"	2/0
104-15565-201	CRILE-WOOD STILLE TC jaws 20 cm 8"	2/0
104-15565-231	CRILE-WOOD STILLE TC jaws 23 cm 9"	2/0

Art.no	Description	Max suture size
104-15566-151	BABY CRILE-WOOD STILLE delicate TC 15 cm 6"	3/0
104-15566-181	CRILE-WOOD STILLE delicate TC jaws 18 cm 7"	3/0
104-15566-201	CRILE-WOOD STILLE delicate TC jaws 20 cm 8"	3/0
104-15566-231	CRILE-WOOD STILLE delicate TC jaws 23 cm 9"	3/0
104-15571	NEW ORLEANS STILLE TC jaws 18 cm 7"	3/0
104-15573-161	RYDER STILLE TC jaws 16 cm 6.25"	3/0
104-15573-181	RYDER STILLE TC jaws 18 cm 7"	3/0
104-15573-201	RYDER STILLE TC jaws 20 cm 8"	3/0
104-15585-161	STILLE DD jaws 16 cm 6.25"	4/0
104-15585-181	STILLE DD jaws 18.5 cm 7.5"	4/0
104-15585-221	STILLE DD jaws 22 cm 8.75"	4/0
104-15585-251	STILLE DD jaws 25 cm 10"	4/0
104-15586	STILLE TC jaws 18 cm 7"	4/0
104-15590-121	OLSEN-HEGAR STILLE TC jaws with scissors 12 cm 4.75"	3/0
104-15590-131	OLSEN-HEGAR STILLE TC jaws with scissors 13.5 cm 5.25"	2/0
104-15590-171	OLSEN-HEGAR STILLE TC jaws with scissors 17 cm 6.75"	0
104-15590-181	OLSEN-HEGAR STILLE TC jaws with scissors 18.5 cm 7.25"	0
104-15621-179	MATHIEU STILLE TC jaws 17 cm 6.75"	1
104-15621-209	MATHIEU STILLE TC jaws 20 cm 8"	1
104-15665-151	Frimand-STILLE DUO-GRIP Needle holder TC jaws 15 cm 6"	2/0
104-15777	KAYE STILLE with scissors serrated TC jaws 12 cm 4.75"	5/0
104-15785	CONVERSE STILLE TC jaws 10.5 cm 4.25"	4/0

Suture size indicates the largest recommended for each needle holder.

### Derf STILLE nålförare | Derf STILLE Needle holder

Needle holder with rather short TC jaws, popular in plastic surgery. Intended for 3/0 suture and finer.



104-15542

104-15542 TC jaws 12 cm 4.75"



### Webster STILLE nålförare | Webster STILLE Needle holder

Very delicate needle holder for very fine sutures. Smooth jaws or DD jaws. Intended for 5/0 suture and finer.



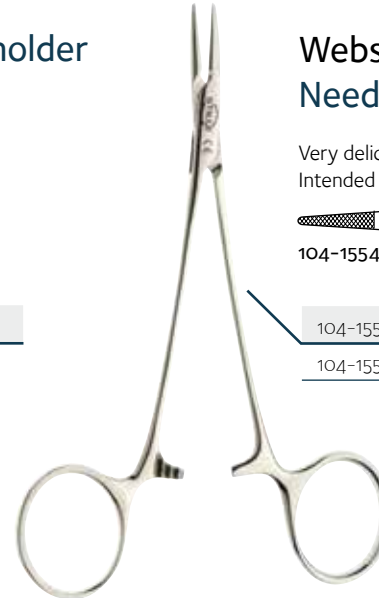
104-15545



104-15546

104-15545 Very delicate DD jaws 12 cm 4.75"

104-15546 Very delicate Smooth 12 cm 4.75"



### Kilner STILLE nålförare | Kilner STILLE Needle holder

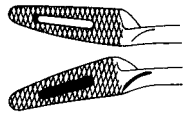
Delicate needleholder with bayonet shaped shanks. TC jaws. Intended for 4/0 suture and finer.

104-15549-131 13 cm 5"

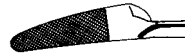


## Gillies STILLE nålförare | Gillies STILLE Needle Holder

Needle holder with scissors. Ergonomic design on shanks and finger rings. One rather large ring handle is set at an angle for fitting the top of the thumb. Without ratchets. With or without TC jaws. The scissor part enables suturing and cutting with one instrument. Intended for 2/0 suture and finer.



104-15550



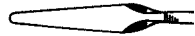
104-15551

104-15550	With scissors		16 cm 6.25"
104-15551	With scissors	TC jaws	16 cm 6.25"



## Webster/Kleinert STILLE nålförare | Webster/Kleinert STILLE Needle holder

Delicate needle holder for fine needles. With smooth jaws or TC jaws. The Webster-Kleinert (104-15557) has offset bows for a comfortable grip. Intended for 4/0 suture and finer.



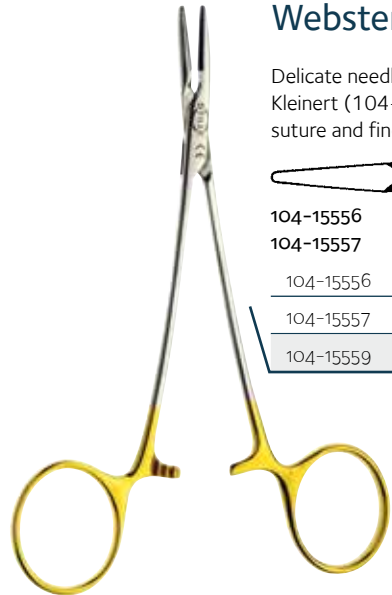
104-15556

104-15557



104-15559

104-15556	Delicate	Smooth	12 cm 4.75"
104-15557	Offset bows	Smooth	12 cm 4.75"
104-15559	Serrated	TC jaws	12 cm 4.75"



## Webster STILLE nålförare | Webster STILLE Needle holder

Delicate needle holder for fine needles. With smooth TC jaws. Intended for 3/0 suture and finer.



104-15558

104-15558	Smooth	TC jaws	12 cm 4.75"
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### Halsey STILLE nålförare | Halsey STILLE Needle Holder

Needle holder with TC jaws used in many procedures. One model with ergonomically designed finger ring for thumb. For slightly larger needles than the Webster needle holder. Intended for 3/0 suture and finer.



104-15560

104-15560	TC jaws	12.5 cm 5"
104-15560-2 Ergonomic	TC jaws	12.5 cm 5"

### Mayo-Hegar STILLE nålförare | Mayo-Hegar STILLE Needle holder

Commonly used general purpose needle holder with TC jaws. Intended for 0 suture and finer.



104-15561

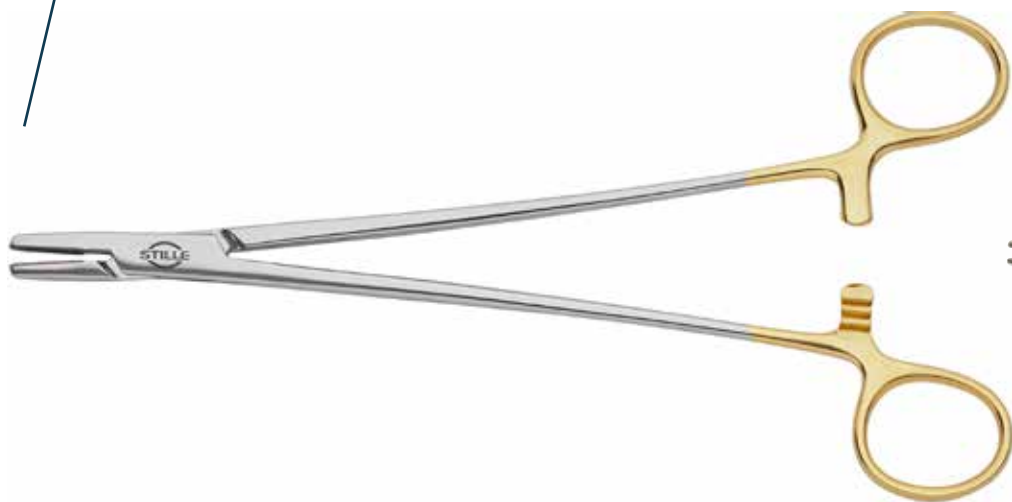
104-15561-141	TC jaws	14 cm 5.5"
104-15561-161	TC jaws	16 cm 6.25"
104-15561-181	TC jaws	18 cm 7"
104-15561-201	TC jaws	20 cm 8"
104-15561-251	TC jaws	25 cm 10"



### Mayo-Hegar STILLE kraftig nålförare | Mayo-Hegar STILLE Heavy Needle holder

Heavier version of the widely used Mayo-Hegar needle holder, with TC jaws. Intended for 1 suture and finer.

104-15562-161	Heavy Pattern	TC jaws	16 cm 6.25"
104-15562-181	Heavy Pattern	TC jaws	18.5 cm 7.25"
104-15562-201	Heavy Pattern	TC jaws	20.5 cm 8"
104-15562-241	Heavy Pattern	TC jaws	24 cm 9.5"
104-15562-271	Heavy Pattern	TC jaws	27 cm 10.75"
104-15562-301	Heavy Pattern	TC jaws	30.5 cm 12"



### STILLE Crile-Wood nålförare | STILLE Crile-Wood Needle holder

General purpose needle holder with TC jaws. Intended for 2/0 suture and finer.



104-15565

104-15565-151	TC jaws 15 cm 6 in
104-15565-181	TC jaws 18 cm 7 in
104-15565-201	TC jaws 20 cm 8 in
104-15565-231	TC jaws 23 cm 9 in



### Crile-Wood STILLE gracil nålförare | Crile-Wood STILLE Delicate Needle holder

Delicate version of the popular Crile-Wood needle holder. With TC jaws. Intended for 3/0 suture and finer.



104-15566

104-15566-151	Delicate	TC jaws	15 cm 6"
104-15566-181	Delicate	TC jaws	18 cm 7"
104-15566-201	Delicate	TC jaws	20 cm 8"
104-15566-231	Delicate	TC jaws	23 cm 9"



### STILLE-Frimand DUO-GRIP nålförare | STILLE-Frimand DUO-GRIP Needle holder

Designed in cooperation with Carl-Fredrik Frimand, M.D. Intended for precise use in the palmar grip without the need of grip change during suturing. This new and innovative needle holder reduces the suturing time and tissue manipulation as well as offering better ergonomics for the surgeon. Intended for 2/0 suture and finer.



104-15665-151

104-15665-151	TC jaws	15 cm 6"
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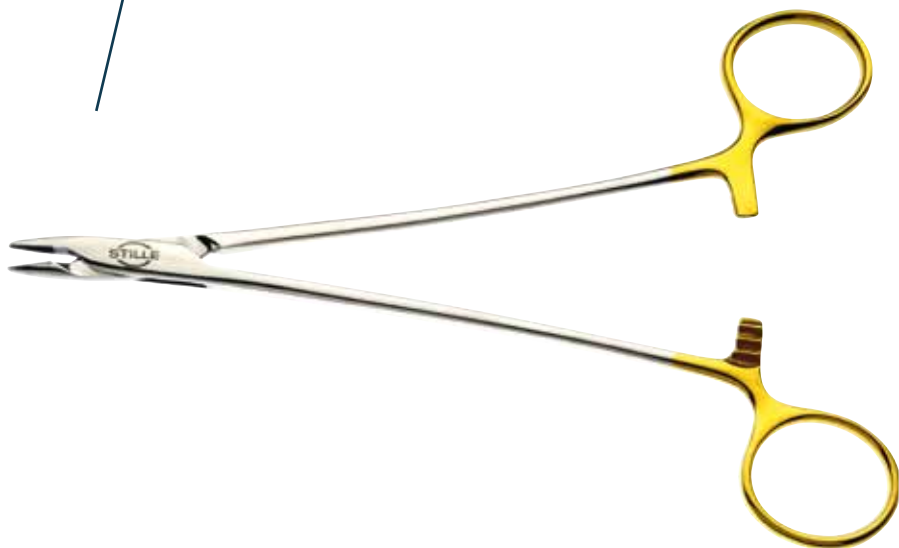
### New Orleans STILLE nålförare | New Orleans STILLE Needle holder

Short tapered TC jaws, one jaw straight serrated and the other cross-serrated.  
Intended for 3/0 suture and finer.



104-15571

104-15571	TC jaws	18 cm 7"
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### Ryder STILLE nålförare | Ryder STILLE Needle holder

Needle holder with very narrow, non-tapered, serrated TC jaws. Popular in vascular surgery. Intended for 3/0 suture and finer.



104-15573

104-15573-161	TC jaws	16 cm 6.25"
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104-15573-181	TC jaws	18 cm 7"
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104-15573-201	TC jaws	20 cm 8"
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### STILLE nålförare | STILLE Needle holder

TC-sprayed delicate jaws. Intended for 4/0 suture and finer.



104-15585

104-15585-161	DD jaws	16 cm 6.25"
104-15585-181	DD jaws	18.5 cm 7.5"
104-15585-221	DD jaws	22 cm 8.75"
104-15585-251	DD jaws	25 cm 10"



### STILLE nålförare | STILLE Needle holder

Delicate needle holder with TC jaws. Intended for 4/0 suture and finer.



104-15586

104-15586	TC jaws	18 cm 7"
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### Olsen-Hegar STILLE nålförare | Olsen-Hegar STILLE Needle holder

Popular needle holder with scissors for suturing and cutting with the same instrument. Intended for 0 suture and finer. See table "Needle holder in relation to suture size" for suitable suture size for each article code. 3+3 ratchets, 104-15590-171 has 2+2 ratchets.

104-15590-121	Scissors	12 cm 4.75"
104-15590-131	Scissors	13.5 cm 5.25"
104-15590-171	Scissors	17 cm 6.75"
104-15590-181	Scissors	18.5 cm 7.25"



### Mathieu STILLE nålförare | Mathieu STILLE Needle holder

Needle holder with straight TC jaws. Plier type handle with ratchets that allows the surgeon to open and close the needle holder rapidly. Intended for 1 suture and finer.



104-15621

104-15621-179	TC jaws	17 cm 6.75"
104-15621-209	TC jaws	20 cm 8"



### Kaye STILLE nålförare | Kaye STILLE Needle holder

Delicate needle holder with short, fine TC jaws and sharp scissors. The scissor part enables suturing and cutting with one instrument. Intended for 5/0 suture and finer.



104-15777

104-15777 Serrated TC jaws 12 cm 4.75"



### Converse STILLE nålförare | Converse STILLE Needle holder

Short and delicate needle holder for fine work. With TC jaws. Intended for 4/0 suture and finer.

104-15785 TC jaws 10.5 cm 4.25"



## Rapp-STILLE knuthållartång | Rapp-STILLE Knot-holding Forceps

A 13 cm knot-holding forceps with smooth jaws. Ideal instrument to use as a tool for holding the suture knot in narrow areas.



104-15140

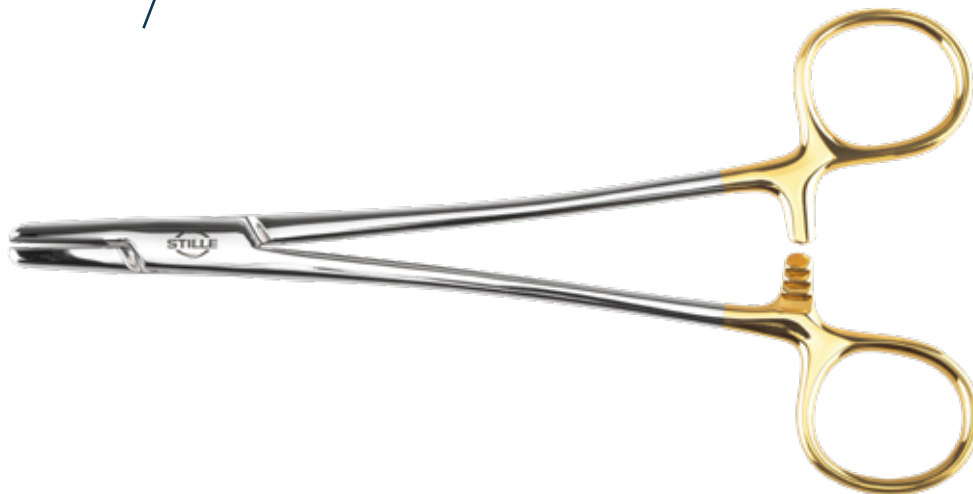
104-15140 13 cm 5"



### STILLE ståltrådsroterare | STILLE Wire Twisting Forceps

A good tool for twisting steel wires. With TC jaws.

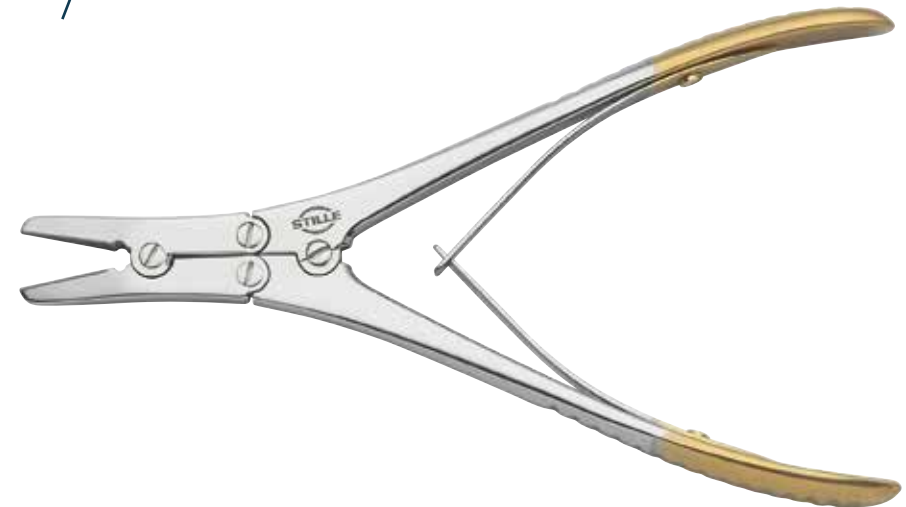
104-15832	TC-inserts	15 cm 6"
104-15835	TC-inserts	18,5 cm 7.25"



### STILLE ståltrådshållare | STILLE Wire Holding Forceps

For holding steel wires. Equipped with double-action joint and TC jaws. The jaws close parallel to secure a firm grip of the wire.

104-15854	Fine	18 cm 7"
104-15855	Medium	18 cm 7"
104-15856	Large	18 cm 7"





**MED DUBBELLEDADE BENTÄNGER** går det att klippa i benvävnad med bara en hand, mjukt och smidigt. STILLE uppfann den dubbelledade lösningen redan 1872 och sedan dess har såväl våra benavbitare som gougetänger ofta kopierats. Men originalet är alltid bättre än kopian och upplevs av många kirurger som gracilare och enklare att använda än alla andra fabrikat.

Dubbelledade bentänger ökar kraften vid skärytan när man klipper i ben vid maximal utväxling. Bentängernas speciella utformning gör att de inte skymmer sikten i arbetet. De kan användas inom både ortopedi, neurokirurgi och plastikkirurgi.

STILLES bentänger är inte nitade i lederna utan istället monterade med precisionsskruvar. Det gör att de lätt kan tas isär vid slipning och service vilket förlänger instrumentens livslängd avsevärt. Att investera i en original STILLE bentång lönar sig samtidigt som instrumentet erbjuder en unik känsla och precision.

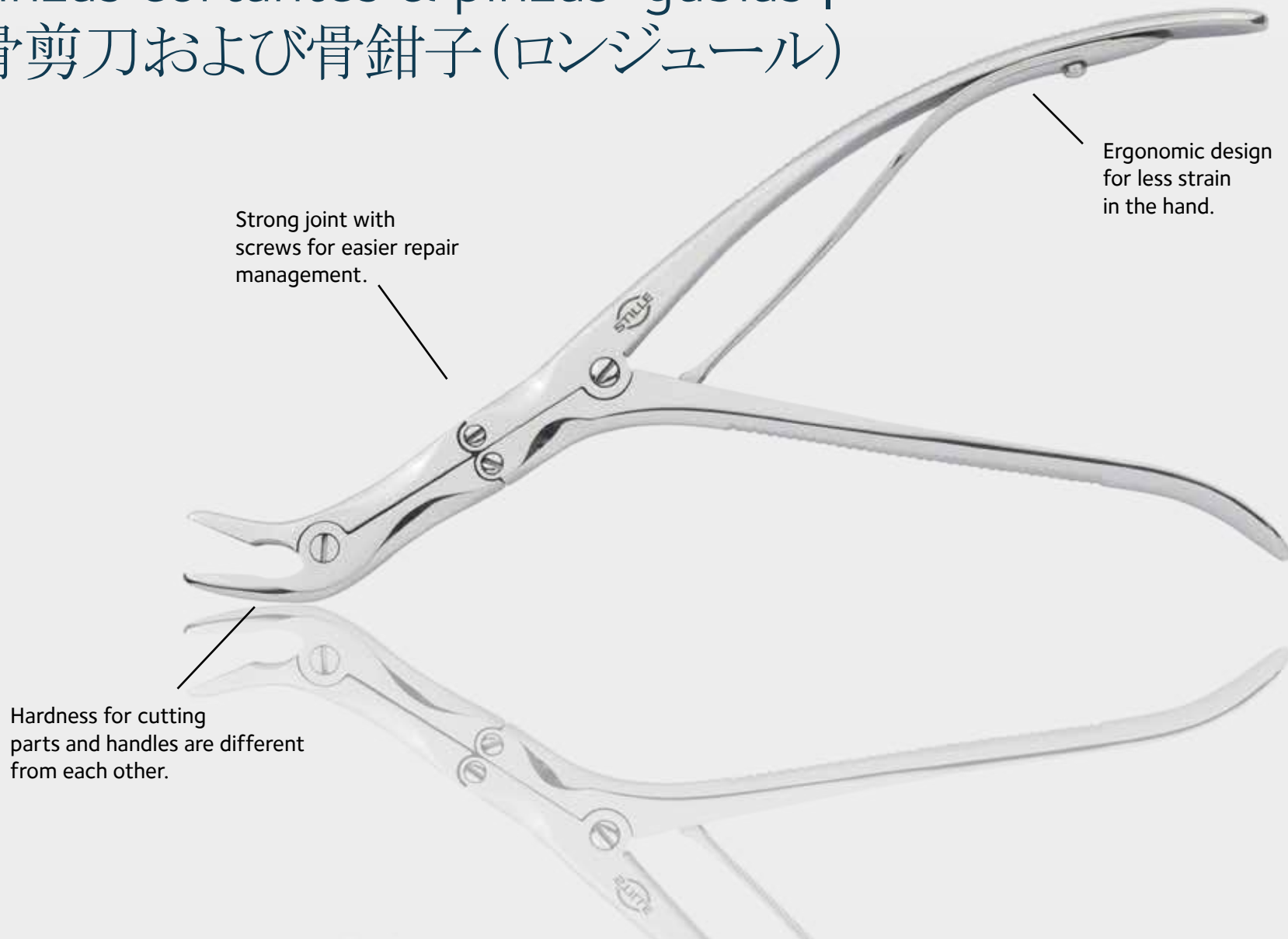
**THESE DOUBLE-ACTION BONE RONGEURS** allow the surgeon to gently and smoothly cut bone with one hand. STILLE invented this double-action solution as early as 1872 and since then, both our bone cutters and rongeurs have been widely imitated. But the original is always better than the imitation, and are perceived by many surgeons as more graceful and easier to use than any other brand.

Double-action bone rongeurs increase the force at the cutting surface when cutting bone with maximum leverage. The special design means that they do not obstruct the view of the operative area. They can be used for orthopaedics, neurosurgery and plastic surgery.

STILLE bone rongeurs are not riveted at the joints, but are assembled using precision screws instead. This means that they can be easily taken apart for sharpening and service, which prolongs the life of the instrument considerably. Choosing original STILLE bone rongeurs is a worthwhile investment and offers a unique feel and ultra precision.



Bentänger | Bone cutters and rongeurs | Knochen & hohlmeisselzangen | Cesioie per ossa & pinze sgorbie | Pinzas cortantes & pinzas-gubias | 骨剪刀および骨鉗子(ロンジュール)



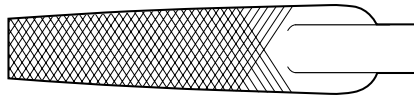
Strong joint with screws for easier repair management.

Ergonomic design for less strain in the hand.

Hardness for cutting parts and handles are different from each other.

## STILLE plattång | STILLE Flat pliers

General purpose flat pliers with cross-serrated jaws.



105-16015

105-16015 Cross-serrated 17 cm 6.75"



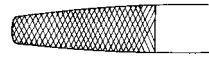


## STILLE extraktionstång | STILLE Extraction plier

Original STILLE double-action joint facilitates removal of pins and wires.



105-16020



105-16020-1

105-16020		19 cm 7,5"
105-16020-1	Narrow jaws	19 cm 7,5"



### STILLE benavbitare | STILLE Bone Cutting Forceps

Bone cutting forceps with original STILLE double-action joint.

105-16510 Straight 17 cm 6.75"



### STILLE benavbitare | STILLE Bone Cutting Forceps

Delicate bone cutting forceps with original STILLE double-action joint.

105-16512 Angled 18 cm 7"



## STILLE benavbitare | STILLE Bone Cutting Forceps

Original STILLE double-action angled bone cutting forceps.

105-16811 Curved 19 cm 7.5"



## Beyer STILLE gougetång | Beyer STILLE Bone Rongeur

Nasal rongeur with curved, delicate jaws.



105-17030

105-17030	Curved	17 cm 6.75"
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### Beyer STILLE gougetång | Beyer STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and two different jaw widths.



105-17210



105-17211

105-17210	Curved		18 cm 7"
105-17211	Curved	Delicate	18 cm 7"



### Zaufal-Jansen STILLE gougetång | Zaufal-Jansen STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and wide, curved jaws.



105-17215

105-17215	Curved		17 cm 6.75"
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### STILLE gougetång | STILLE Bone Rongeur

Bone rongeurs with STILLE double-action joint and two different jaw widths.



105-17216



105-17217

105-17216		Curved	15 cm 6"
105-17217	Delicate jaws	Curved	15 cm 6"



### Ruskin-STILLE gougetång | Ruskin-STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and curved jaws.



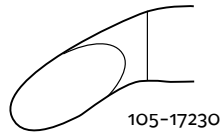
105-17220

105-17220		Curved	19 cm 7.5"
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## Luer-STILLE gougetång | Luer-STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and strongly curved wide jaws.

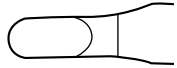


105-17230 Curved 22 cm 8.75"



## STILLE gougetång | STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and sideways curved jaws.



105-17250

105-17250 Curved 22 cm 8.75"





## Leksell STILLE gougetång | Leksell STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and sideways slightly curved jaws.



105-17260



105-17261

105-17260	Curved	Wide jaws	24 cm 9.5"
105-17261	Curved	Narrow jaws	24 cm 9.5"



## Leksell STILLE gougetång | Leksell STILLE Bone Rongeur

Bone rongeur with original STILLE double-action joint and sideways strongly curved jaws.



105-17265



105-17266

105-17265	Curved	Wide jaws	24 cm 9,5"
105-17266	Curved	Narrow jaws	24 cm 9,5"

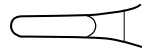


## STILLE gougetång | STILLE Bone Rongeur

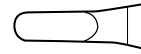
Bone rongeur with original STILLE double-action joint and sideways strongly curved jaws in different sizes.



105-17267



105-17268



105-17269

105-17267	Curved jaws	2 mm	24 cm 9.5"
105-17268	Curved jaws	3 mm	24 cm 9.5"
105-17269	Curved jaws	4 mm	24 cm 9.5"



**Semb STILLE benhållartång | Semb STILLE Bone Holding Forceps**

Bone holding forceps with or without locking mechanism.

105-16150	Without lock	19.5 cm 7.75"
105-16152	With lock	19.5 cm 7.75"



### STILLE trådavbitare | STILLE Wire Cutter

Single joint wire cutter with TC-inserts. For hard wire up to 0.4 mm and soft wire up to 0.6 mm.

105-16215 TC inserts 12.5 cm 5"



### STILLE trådavbitare | STILLE Wire Cutter

Double joint wire cutter with TC-inserts. For hard wire up to 1.7 mm and soft wire up to 2.0 mm.

105-16223 TC inserts 17.5 cm 7"



## STILLE trådavbitare | STILLE Wire Cutter

Strong double joint wire cutter with TC-inserts. For hard wire up to 2.5 mm and soft wire up to 2.8 mm.

105-16225

TC inserts 22 cm 8.75"



## Kerrison STILLE laminektomistans | Kerrison STILLE Laminectomy Punch

The popular Kerrison punches with a unique rubber coated handle for improved ergonomics. No spring between the handles improves the accessibility in cleaning and decreases the risk for getting caught with the gloves. All models come with ejector, 130° up cutting and thin footplate.

105-17642-2	18 cm 7"	2 mm
105-17642-3	18 cm 7"	3 mm
105-17642-4	18 cm 7"	4 mm
105-17642-5	18 cm 7"	5 mm
105-17643-2	20 cm 8"	2 mm
105-17643-3	20 cm 8"	3 mm
105-17643-4	20 cm 8"	4 mm
105-17643-5	20 cm 8"	5 mm
105-17644-2	23 cm 9"	2 mm
105-17644-3	23 cm 9"	3 mm
105-17644-4	23 cm 9"	4 mm
105-17644-5	23 cm 9"	5 mm



## Kerrison STILLE laminektomistans | Kerrison STILLE Laminectomy Punch

The same fine Kerrison punches are also available with coating for increased durability.

105-17642-2-C	18 cm 7"	2 mm
105-17642-3-C	18 cm 7"	3 mm
105-17642-4-C	18 cm 7"	4 mm
105-17642-5-C	18 cm 7"	5 mm
105-17643-2-C	20 cm 8"	2 mm
105-17643-3-C	20 cm 8"	3 mm
105-17643-4-C	20 cm 8"	4 mm
105-17643-5-C	20 cm 8"	5 mm
105-17644-2-C	23 cm 9"	2 mm
105-17644-3-C	23 cm 9"	3 mm
105-17644-4-C	23 cm 9"	4 mm
105-17644-5-C	23 cm 9"	5 mm









**EN KÄRLKLÄMMA MÅSTE GE EXAKT DET TRYCK** som krävs för att stoppa en blödning på ett säkert men ändå atraumatiskt sätt. Stänger klämman inte korrekt om kärlet riskerar det att skadas.

Den approximala stängningen av käftarna mot den distala delen fördelar käftarnas tryck jämnt över blodkärlet. Därmed blir trycket så litet som möjligt, men ändå effektivt. En klämma måste även tåla den mekaniska spänning den utsätts för.

Ett annat säkert kännetecken för STILLEs kärklämmare är det öppna boxlåset, vilket minskar risken för att instrumentet ska fastna i vävnad eller kirurgens handskar. Samtidigt förenklas rengöring och sterilisering. Knäppets unika utformning ser till att kärklämmaren hålls stängd i ett säkert läge samtidigt som den är enkel att öppna igen. Knäppena på STILLEs kärklämmare är försedda med flera steg för att möjliggöra korrekt tryck över kärlet.

I sortimentet ingår också ett antal andra klämmare med samma unika STILLE-kvalitet, som t ex fattningstänger, dukklämmor och ringtänger.

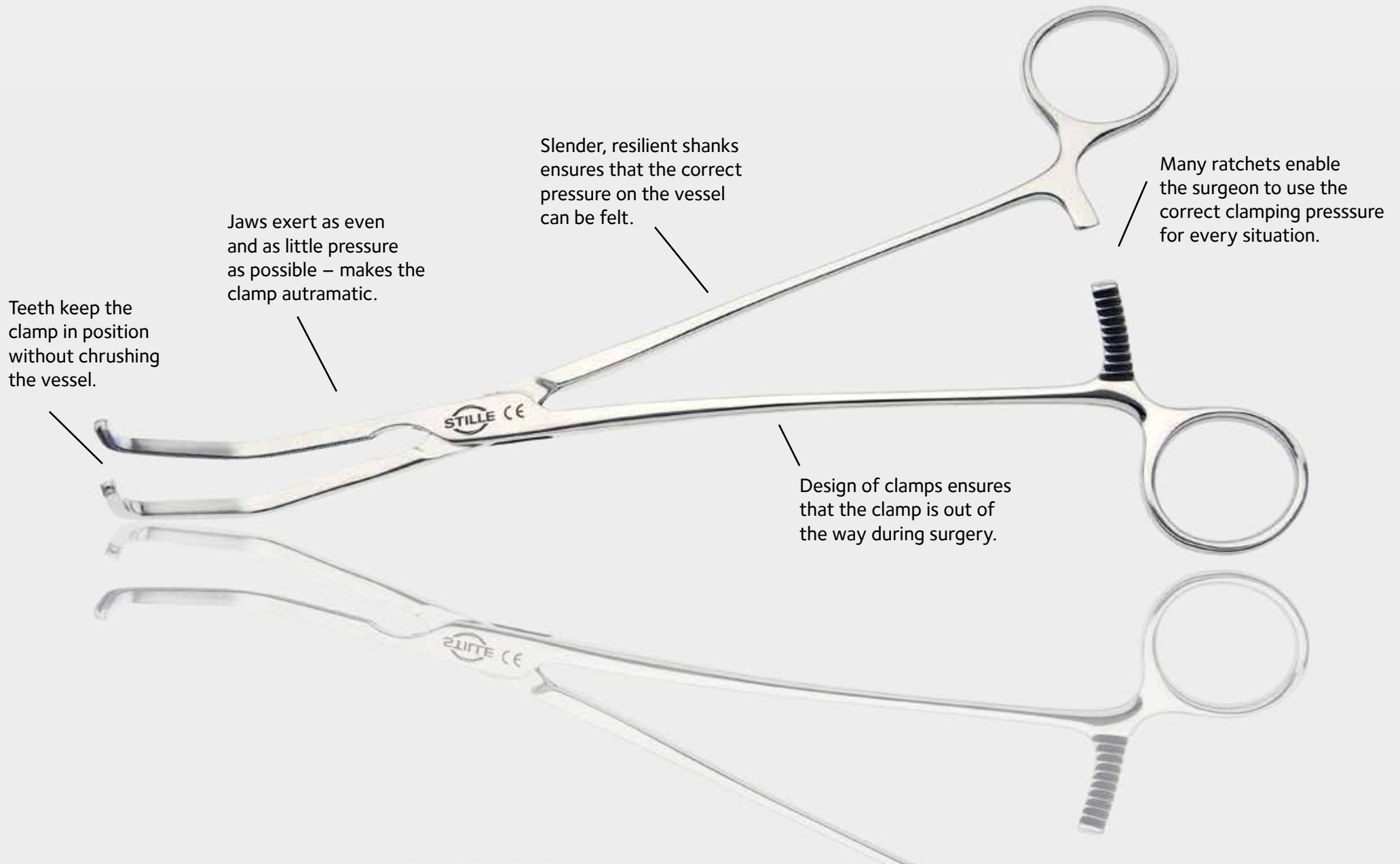
**A VASCULAR CLAMP MUST PROVIDE THE EXACT PRESSURE** required to stop bleeding in a safe and atraumatic way. If the clamp closes improperly the vessel is likely to be damaged.

The closure of the jaws on the distal portion ensures pressure is evenly distributed over the blood vessel. Thus, the pressure is as small as possible while maintaining effectiveness. A clamp must also withstand the mechanical stress it is subjected to.

Another sure characteristic of STILLE's vascular clamps is the open box lock, which reduces the risk of the instrument getting stuck in the tissue or the surgeon's gloves, while simplifying the cleaning and sterilization process. The ratchet's unique design ensures that the instrument stays closed in a safe position while being easy to open. Closures on STILLE vascular clamps are fitted with several steps to allow various degrees of pressure on the vessel.

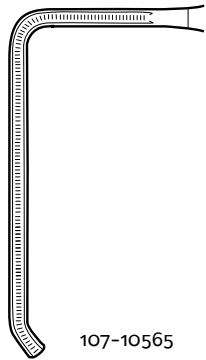
The range also includes a number of other clamps with the same unique STILLE quality, such as tissue grasping forceps, towel clamps and ring forceps.

# Klämmare | Clamps | Klemmen | Pinze | Pinzas | 血管鉗子および組織把持鉗子



### STILLE colonklämmare | STILLE Colon Clamp

Colon clamp with atraumatic DeBakey jaws. Long ratchet for precise adjustment.



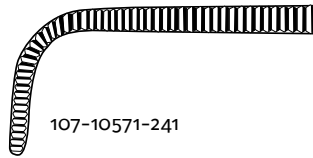
107-10565

107-10565 Atraumatic 5 cm jaws 23.5 cm 9.25"



### Wikström STILLE galltång | Wikström STILLE Gall Duct Clamp

Gall duct clamp with angled, serrated jaws.



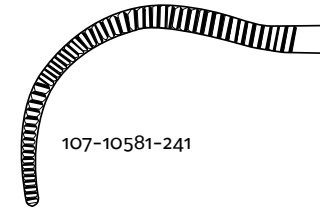
107-10571-241

107-10571-241 Angled 24 cm 9.5"



### Uppsala STILLE galltång | Uppsala STILLE Gall Duct Clamp

Gall duct clamp with S-shaped, serrated jaws.



107-10581-241

107-10581-241 S-shaped 24 cm 9.5"



**STILLE mini universalklammare |  
STILLE mini Multi-purpose clamp**

Multipurpose vascular mini clamps with spoon shaped atraumatic DeBakey jaws.



107-10655



107-10656

107-10655	Small	20 mm jaws	15.5 cm 6.25"
107-10656	Angled shanks	20 mm jaws	15 cm 6"



**STILLE mini universalklammare |  
STILLE mini Multi-purpose clamp**

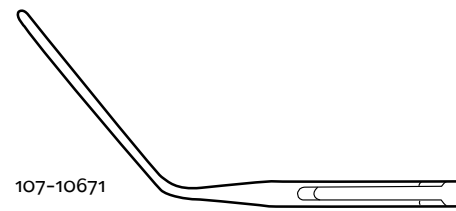
Multipurpose vascular mini clamps with atraumatic DeBakey jaws.



107-10665



107-10670



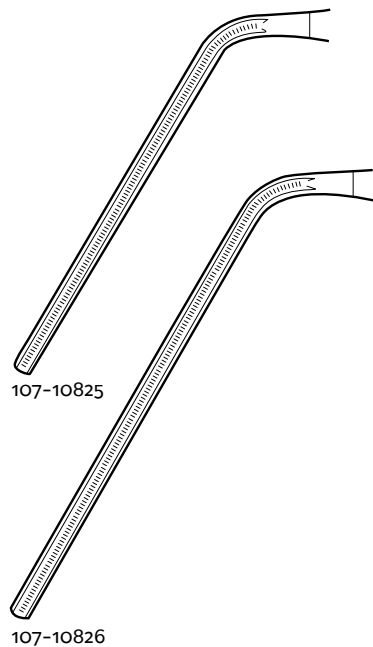
107-10671

107-10665	Straight shanks	25 mm jaws	15.5 cm 6.25"
107-10670	Angled 30°	30 mm jaws	15.5 cm 6.25"
107-10671	Angled 50°	30 mm jaws	15 cm 6"



STILLE universalklammare | STILLE  
 Multi-purpose clamp

Multi purpose clamps with angled, atraumatic DeBaKey jaws.

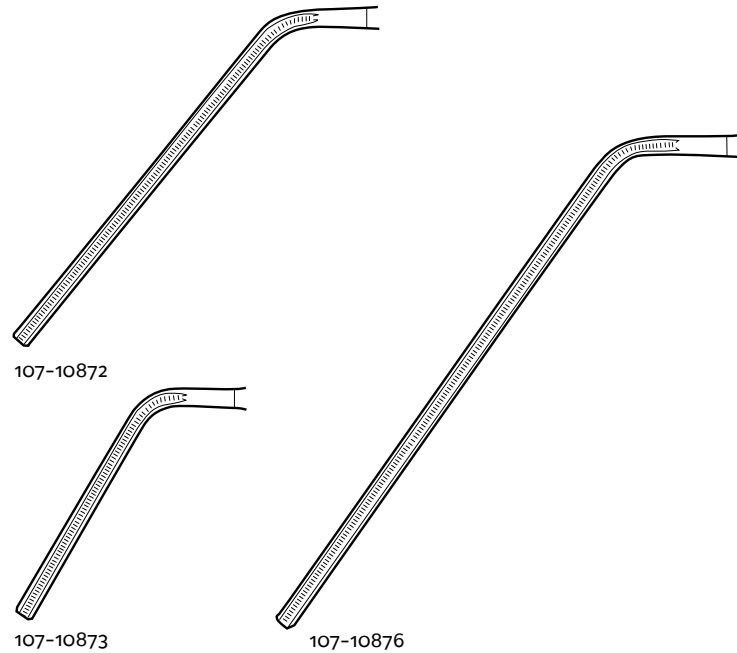


107-10825	Atraumatic	6 cm jaws	23 cm 9"
107-10826	Atraumatic	7.5 cm jaws	22.5 cm 8.75"



**STILLE universalklammare | STILLE  
 Multi-purpose clamp**

Multi purpose clamps with angled, atraumatic DeBakey jaws.



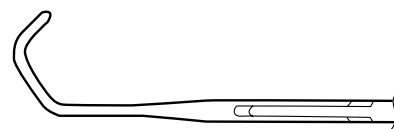
107-10872	Atraumatic	6 cm jaws	18.5 cm 7.25"
107-10873	Atraumatic	3.5 cm jaws	15.5 cm 6.25"
107-10876	Atraumatic	8 cm jaws	20 cm 8"



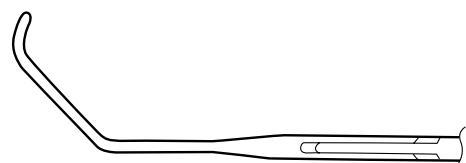


## STILLE mini tangential occlusionsklämmare | STILLE mini Tangential Occlusion Clamp

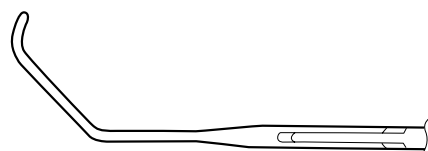
Tangential occlusion mini clamps with three different jaw sizes.  
With atraumatic DeBakey jaws.



107-10695



107-10696



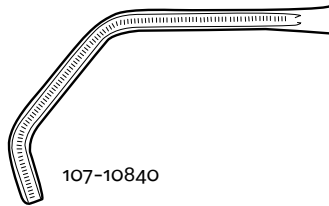
107-10697



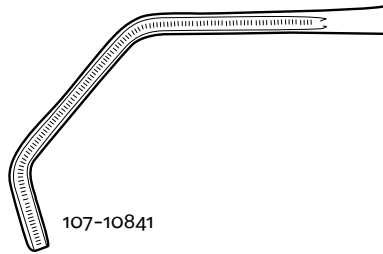
107-10695	Small	14 mm jaws	14 cm 5.5"
107-10696	Medium	15 mm jaws	15 cm 6"
107-10697	Large	24 mm jaws	15 cm 6"

**Satinsky STILLE tangential occlusionsklämmare**  
 | Satinsky STILLE Tangential Occlusion Clamp

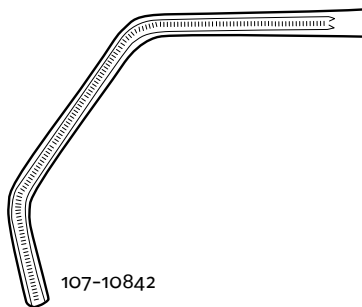
Tangential occlusion clamps with atraumatic DeBakey jaws.



107-10840



107-10841



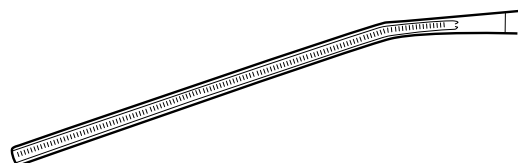
107-10842

107-10840	Atraumatic	Small	22 cm 8.75"
107-10841	Atraumatic	Medium	22.5 cm 9"
107-10842	Atraumatic	Large	23 cm 9"



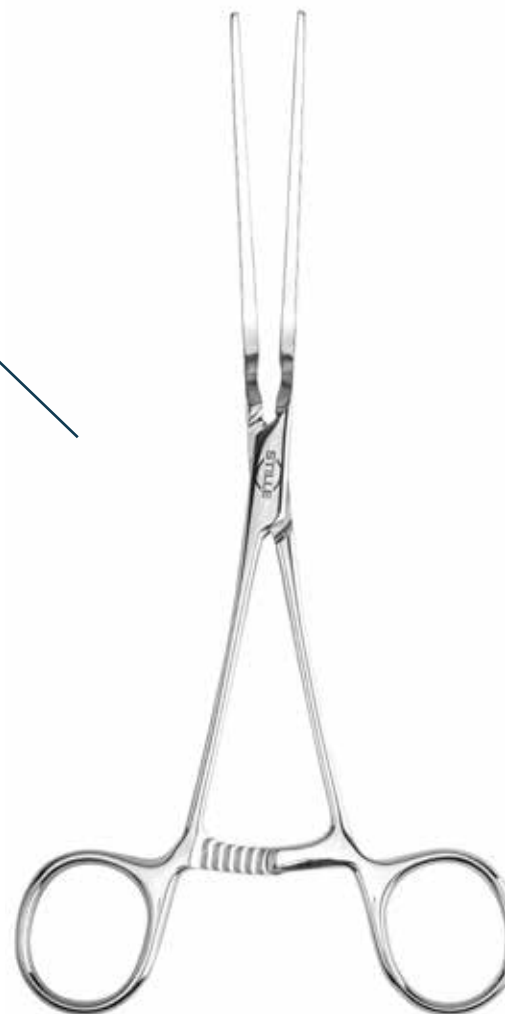
## STILLE perifer kärlklämmare | STILLE Peripheral Vascular Clamp

Peripheral vascular clamp with atraumatic DeBakey jaws.



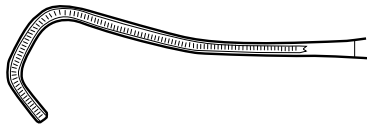
107-10871

107-10871 Atraumatic 6 cm jaws 20 cm 8"

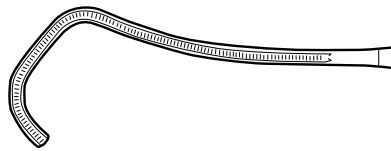


**STILLE anastomosklämmare | STILLE  
Anastomosis Clamp**

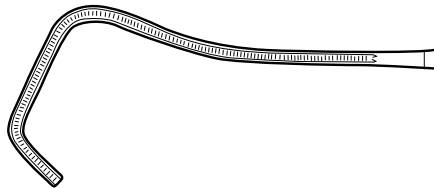
Anastomosis clamps with atraumatic DeBakey jaws.



107-10860



107-10861



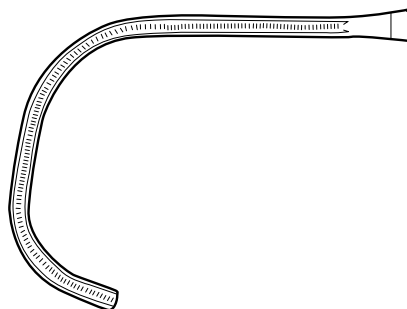
107-10862

107-10860	Atraumatic	1 cm jaws	17,5 cm 7"
107-10861	Atraumatic	1,5 cm jaws	17,5 cm 7"
107-10862	Atraumatic	2 cm jaws	18,5 cm 7.25"



**Lambert-Kay STILLE aorta anastomosklämmare |  
Lambert-Kay STILLE Aortic-Anastomosis Clamp**

Aortic anastomosis clamp with atraumatic DeBakey jaws.



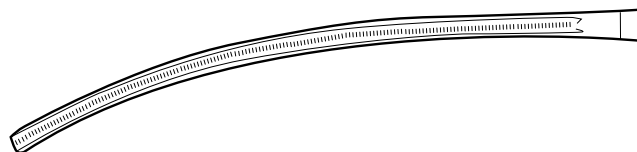
107-10845

107-10845 Atraumatic 22 cm 8.75"

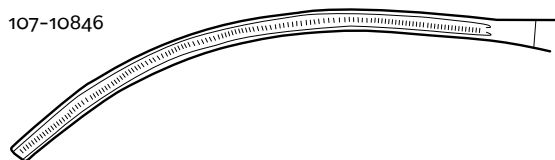


**STILLE DeBakey aorta aneurysmklämmare |  
 STILLE DeBakey Aortic-Aneurysm Clamp**

Aortic aneurysm clamp with atraumatic DeBakey jaws.



107-10846



107-10849

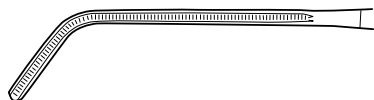
107-10846 Atraumatic 8 cm jaws 26 cm 10.25"

107-10849 Atraumatic 7 cm jaws 28 cm 11"



### Ericsson-STILLE carotisklämmare | Ericsson-STILLE Carotid Clamp

Carotid clamp with angled atraumatic DeBakey jaws.



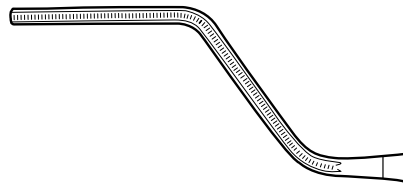
107-10880

107-10880 Atraumatic 17,5 cm 7"



**Ericsson-STILLE profunda arteria femoralis klämmare** | Ericsson-STILLE Profunda Femoral Artery Clamps

Profunda femoral artery clamp with atraumatic DeBakey jaws.



107-10898

107-10898 Atraumatic 18 cm 7"





## Backhaus STILLE dukklämmare | Backhaus STILLE Towel Clamps

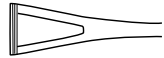
Towel clamps in two different versions. Sharp/sharp or ball/socket for paper towels.

107-10910	Sharp/Sharp	11 cm 4.25"
107-10912	Ball/socket	13.5 cm 5.25"



**Babcock STILLE fattningstång | Babcock STILLE  
Intestinal Grasping Forceps**

Intestinal grasping forceps in two different lengths.



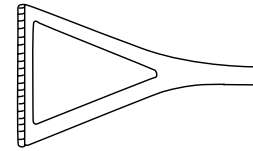
107-12370

107-12370-16	16 cm 6.25"
107-12370-20	20 cm 8"



**Duval STILLE fattningstång | Duval STILLE  
Intestinal Grasping Forceps**

Intestinal grasping forceps.



107-12563

107-12563	18 cm 7"
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## Allis STILLE fattningstång | Allis STILLE Intestinal Grasping Forceps

Tissue-grasping forceps for secure grip of tissue.



107-13120

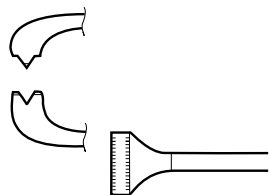
107-13120-15	5x6 teeth	15 cm 6"
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107-13120-21	5x6 teeth	21 cm 8.25"
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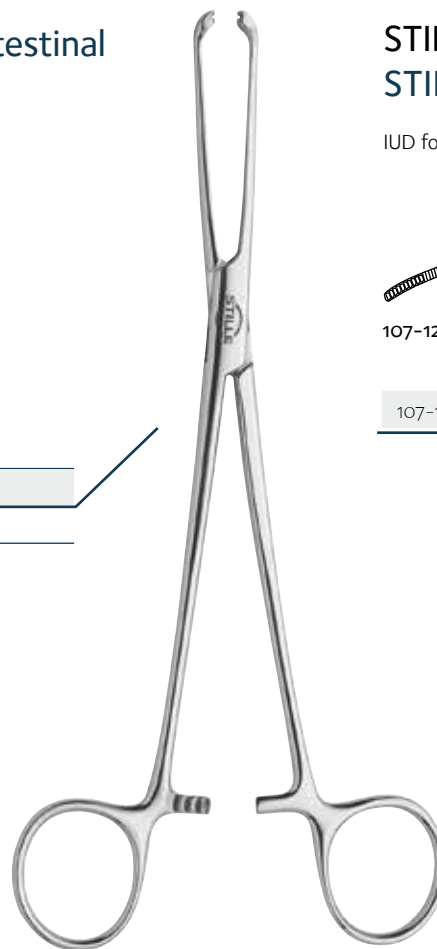
**Allis STILLE fattningstång | Allis STILLE Intestinal Grasping Forceps**

Atraumatic tissue-grasping forceps.



107-13130

- 107-13130-15 Non-traumatic 15,5 cm 6"
- 107-13130-19 Non-traumatic 19 cm 7.5"
- 107-13130-25 Non-traumatic 25 cm 10"



**STILLE-Norell spiraltång | STILLE-Norell IUD Forceps**

IUD forceps with slightly curved, flattened jaws.



107-12491

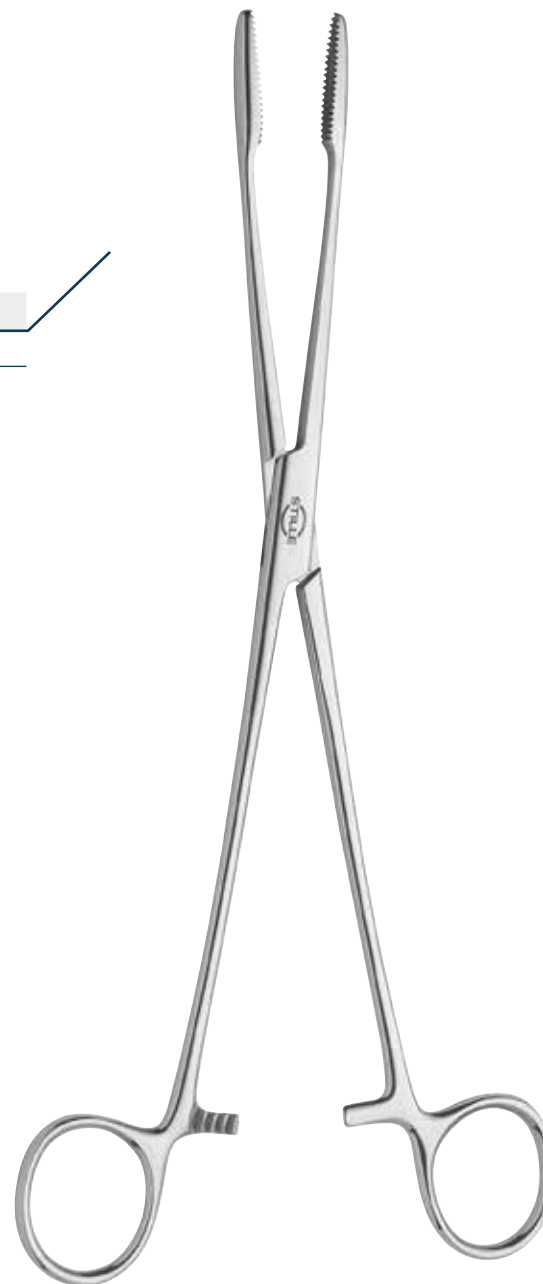
- 107-12491 slightly curved 27 cm 10.5"



## Maier STILLE tvättång | Maier STILLE Sponge Holding Forceps

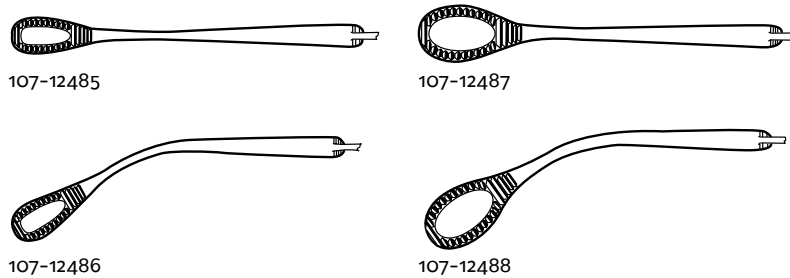
Sponge holding forceps with serrated jaws. Available straight and curved.

107-12478	With ratchet	Straight	26 cm 10.25"
107-12479	With ratchet	Curved	26 cm 10.25"



## Foerster STILLE ringtång | Foerster STILLE Sponge Holding Forceps

Sponge holding forceps with several different loops and lengths.

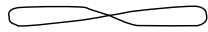


107-12489	Serrated	Straight	18 cm 7"
107-12490	Serrated	Curved	18 cm 7"
107-12485	Serrated	Straight small	24 cm 9.5"
107-12486	Serrated	Curved small	24 cm 9.5"
107-12487	Serrated	Straight large	24 cm 9.5"
107-12488	Serrated	Curved large	24 cm 9.5"



## Schroeder STILLE klotång | Schroeder STILLE Tenaculum Forceps

Uterine tenaculum forceps.



107-13280

107-13280

24 cm 9,5"



## STILLE uterusmanipulator | STILLE Uterine Manipulator

Designed to give better control of the uterus for improved visualization during laparoscopic procedures. Slightly rounded probe with a drop-shaped tip for minimized risk of tissue trauma.

107-13290 Probe 60 mm Curved 26.5 cm 10.5"









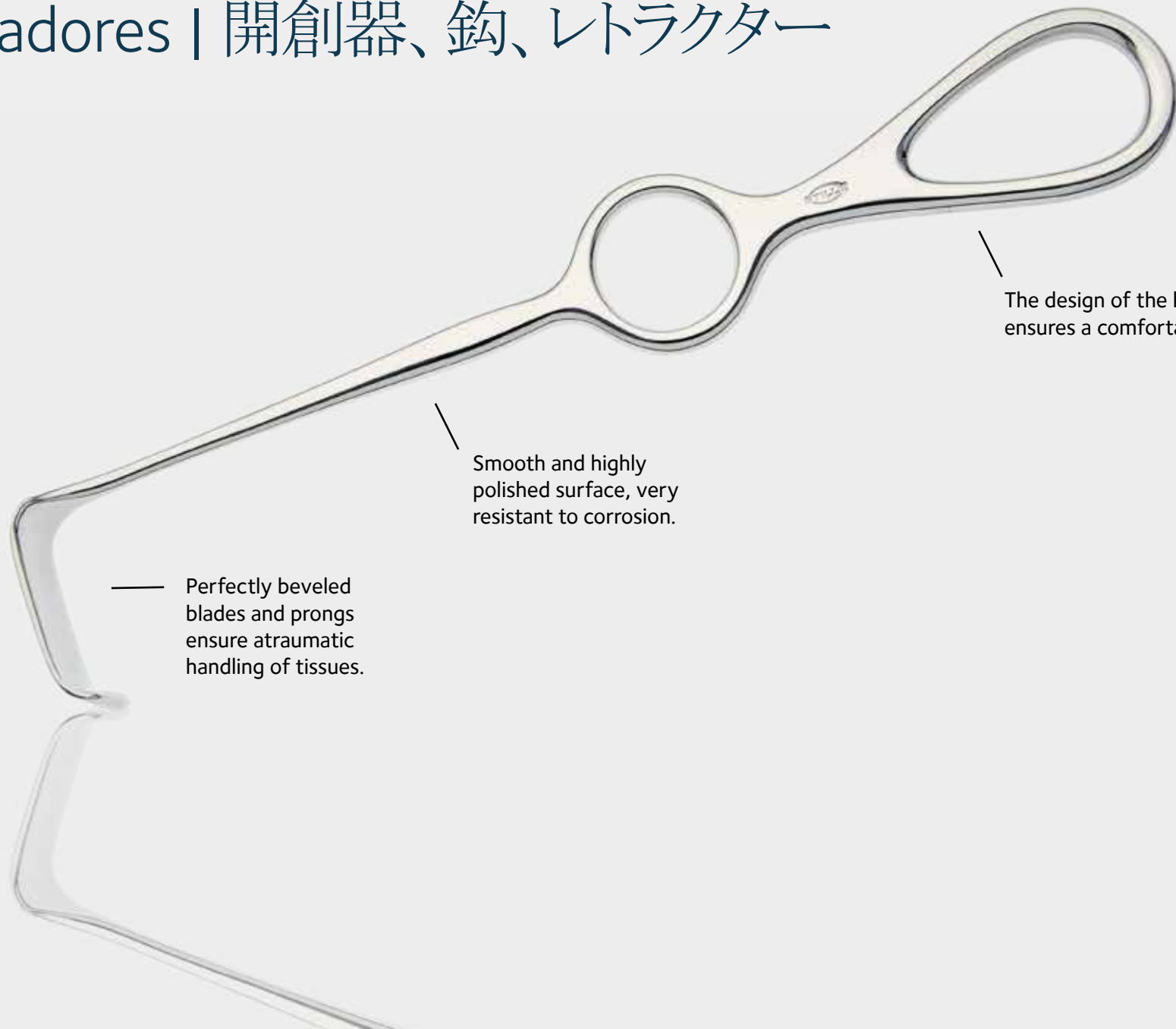
**DET ÄR VIKTIGT ATT HAKEN** håller undan vävnaden varligt och atraumatiskt. Därför måste blad, klor och skaft vara så mjukt utformade som möjligt. STILLEs hakar har en design med perfekt rundade kanter och mjuk övergång till klor och blad. Ytan är alltid högglosspolerad för att effektivisera rengöringen och öka livslängden. Handtagen är särskilt utformade för att göra instrumenten bekväma att hantera. Flera modeller har försetts med ergonomiskt utformade handtag.

I sortimentet finns även ett antal självhållande hakar som exempelvis Adsonhakar, Perman bukhakar och revbensspridare.

**IS IMPORTANT THAT A RETRACTOR** holds the tissue gently and without causing trauma. Therefore, the blade, teeth and handle must be designed and shaped as smoothly as possible. STILLE retractors are designed with perfectly rounded edges and smooth transitions to blade and teeth. The instrument surface is always highly polished, which streamlines cleaning and increases longevity. The handles are specifically designed to ensure the instruments are comfortable to use. Several models have been equipped with ergonomically designed handles.

The range also includes a number of self retaining models such as Adson retractors, Perman abdominal retractors and rib spreaders.

# Hakar | Retractors | Wundhaken | Divaricatori | Separadores | 開創器、鉤、レトラクター



The design of the handle ensures a comfortable grip.

Smooth and highly polished surface, very resistant to corrosion.

Perfectly beveled blades and prongs ensure atraumatic handling of tissues.



### Gillies STILLE hudhake | Gillies STILLE Skin Hook

Skin hook with small or large hook on long flat shaft.



108-24110



108-24112

108-24110	Small	19 cm 7.5"
108-24112	Large	19 cm 7.5"



### Joseph STILLE hudhake | Joseph STILLE Skin Hook

Skin hook with sharp prongs. Available in five different models. Popular in plastic surgery.



108-25011-1



108-25012-2



108-25012-5



108-25012-10

108-25011-1	Single hook		16 cm 6.25"
108-25012-2	Double hook	2 mm	16 cm 6.25"
108-25012-5	Double hook	5 mm	16 cm 6.25"
108-25012-7	Double hook	7 mm	16 cm 6.25"
108-25012-10	Double hook	10 mm	16 cm 6.25"



## Kleinert-Kutz STILLE hudhake | Kleinert-Kutz STILLE Skin Hook

Skin hook with a sharp single prong in three different sizes. Popular in facial and nasal surgery.



108-25031-3      108-25031-5      108-25031-7

108-25031-3	Small	3 mm	16 cm 6.25"
108-25031-5	Medium	5 mm	16 cm 6.25"
108-25031-7	Large	7 mm	16 cm 6.25"



### STILLE nervhake | STILLE Nerve Hook

Blunt nerve hook on long flat shaft.



108-24320

108-24320 Slightly curved blunt 22 cm 8.75"



### Love STILLE nervhake | Love STILLE Nerve Hook

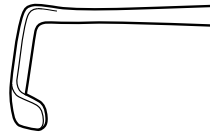
Nerve root retractor with long flat shaft.

108-26048-7 7 mm 20.5 cm 8"



### Moberg STILLE hake | Moberg STILLE Retractor

Retractor with flat handle for facial- and hand surgery.



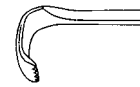
108-24380

108-24380	14x5 mm	17 cm 6.75"
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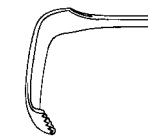


### Strandell STILLE hake | Strandell STILLE Retractor

Retractor with two different blade lengths. Blades with teeth.



108-24385-8

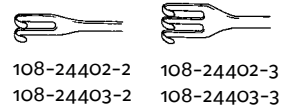
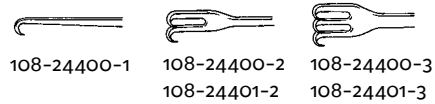


108-24385-15

108-24385-8	With teeth	8x5 mm	19 cm 7.5"
108-24385-15	With teeth	15x5 mm	19 cm 7.5"

### STILLE hake | STILLE Retractor

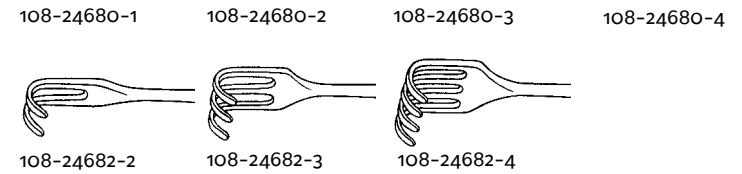
Retractor with one, two or three prongs, sharp or blunt.



108-24400-1	Sharp	1 prong		18 cm 7"
108-24400-2	Sharp	2 prongs	6 mm	18 cm 7"
108-24400-3	Sharp	3 prongs	9 mm	18 cm 7"
108-24401-2	Ergo	Sharp	2 prongs	6 mm 18 cm 7"
108-24401-3	Ergo	Sharp	3 prongs	9 mm 18 cm 7"
108-24402-2	Blunt	2 prongs	6 mm	18 cm 7"
108-24402-3	Blunt	3 prongs	9 mm	18 cm 7"
108-24403-2	Ergo	Blunt	2 prongs	6 mm 18 cm 7"
108-24403-3	Ergo	Blunt	3 prongs	9 mm 18 cm 7"

### Volkman STILLE hake | Volkman STILLE Retractor

Retractor with one to four prongs. Sharp or blunt.



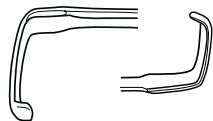
108-24680-1	Sharp	1 prong	Large	21.5 cm 8.5"
108-24680-2	Sharp	2 prongs		22 cm 8.75"
108-24680-3	Sharp	3 prongs		22 cm 8.75"
108-24680-4	Sharp	4 prongs		22 cm 8.75"
108-24682-2	Blunt	2 prongs		22 cm 8.75"
108-24682-3	Blunt	3 prongs		22 cm 8.75"
108-24682-4	Blunt	4 prongs		22 cm 8.75"





### Ragnell STILLE hake | Ragnell STILLE Retractor

Double-ended retractor for plastic and reconstructive surgery.



108-24808

108-24808	Double ended	9x3/15x5 mm	15 cm 6"
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### Langenbeck STILLE hake | Langenbeck STILLE Retractor

General operating retractor with a variety of blade sizes.

108-24812-7	20x7 mm	21 cm 8.25"
108-24814-10	30x10 mm	21 cm 8.25"
108-24814-15	30x15 mm	21 cm 8.25"
108-24814-20	30x20 mm	21 cm 8.25"
108-24816-20	45x20 mm	21 cm 8.25"



### Senn STILLE hake | Senn STILLE Retractor

Double-ended retractor for plastic surgery.

108-25940 15x5 mm 3 sharp prongs 15 cm 6"

### Aufricht STILLE năshake | Aufricht STILLE Nasal Retractor

Nasal retractor with concave blade.

108-26011 46x10 mm 16 cm 6.25"



## Deaver STILLE hake | Deaver STILLE Retractor

Flexible standard retractor for breast- and facial surgery.

108-26037-19	19 mm	17,5 cm	6.75"
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108-26037-22	22 mm	20 cm	8"
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108-26037-25	25 mm	30 cm	12"
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### STILLE brösthake | STILLE Breast Retractor

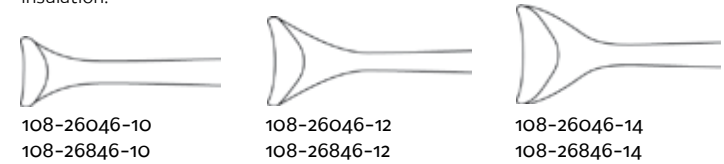
Useful double-sided retractor for breast augmentation. Serrated blades in two different sizes and shapes. Ergonomic handle for maximum comfort.

108-26038 Double-ended black coated handle 23 cm 9"



### Desmarres STILLE ögonlockshake | Desmarres STILLE Eye-lid Retractor

For lid retraction in blepharoplasty. Available in four different sizes, with or without insulation.



108-26046-10  
108-26846-10

108-26046-12  
108-26846-12

108-26046-14  
108-26846-14

108-26046-8	8 mm	14 cm 5.5"
108-26046-10	10 mm	14 cm 5.5"
108-26046-12	12 mm	14 cm 5.5"
108-26046-14	14 mm	14 cm 5.5"
108-26846-8	Insulated 8 mm	14 cm 5.5"
108-26846-10	Insulated 10 mm	14 cm 5.5"
108-26846-12	Insulated 12 mm	14 cm 5.5"
108-26846-14	Insulated 14 mm	14 cm 5.5"



## Doyen STILLE bukhahe | Doyen STILLE Abdominal Retractor

The famous STILLE-design abdominal retractor with a variety of blade sizes.  
The handle is rotated 90° for maximum comfort.

108-24930-20	90x20mm	22 cm 8,75"
108-24930-30	90x30mm	22 cm 8,75"
108-24935-35	110x35mm	22 cm 8,75"
108-24935-40	110x40mm	22 cm 8,75"
108-24935-55	110x55mm	22 cm 8,75"
108-24940-55	120x55 mm	24 cm 9,5"



## Perman STILLE bukhave | Perman STILLE Abdominal Retractor

Self-retaining abdominal retractor.

108-26865    Depth 65 mm    Arm length 18 cm 7"



## Kocher STILLE bukspatel | Kocher STILLE Abdominal Spatula

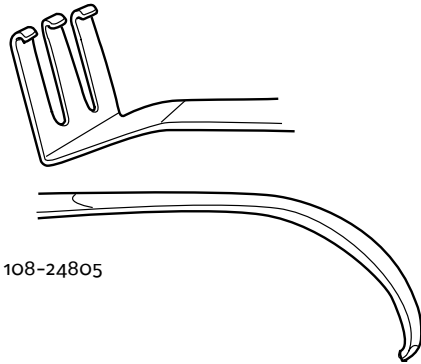
STILLE's classical abdominal spatula, available in three different sizes.  
Also used in orthopaedics.

108-23780-25	25 mm	22 cm 8,5"
108-23780-35	35 mm	22 cm 8,5"
108-23780-45	45 mm	22 cm 8,5"



**Carlens STILLE Tracheotomihake | Carlens STILLE  
Trachea Retractor**

Double-ended trachea retractor.



108-24805

108-24805 Double-ended 22 cm 8.75"





## Weitlaner STILLE hake | Weitlaner STILLE Retractor

General purpose self-retaining retractor used in many procedures.

108-26252	2x3 sharp prongs	10.5 cm 4.25"
108-26253	2x3 blunt prongs	10.5 cm 4.25"
108-26254	3x4 sharp prongs	13.5 cm 5.25"
108-26255	3x4 blunt prongs	13.5 cm 5.25"
108-26256	3x4 sharp prongs	16.5 cm 6.5"
108-26257	3x4 blunt prongs	16.5 cm 6.5"



## Alm STILLE hake | Alm STILLE Retractor

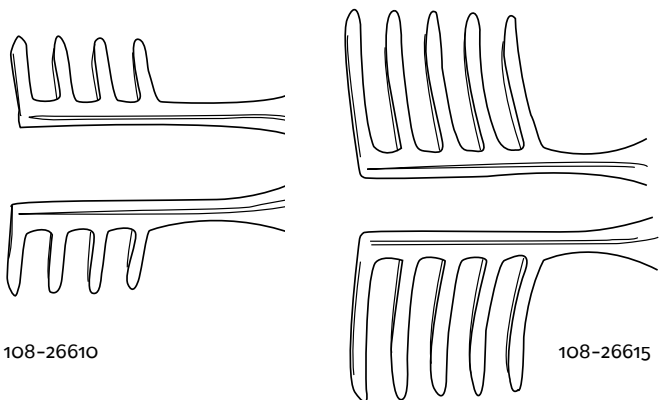
Self-retaining retractor for fine incisions. Available in two different sizes.

108-26261	4x4 sharp prongs	7 cm 2.75"
108-26262	4x4 sharp prongs	10 cm 4"



**Adson STILLE självhållande hake | Adson STILLE  
Self Retaining Retractor**

Self retaining retractor with sharp prongs. Available in two different sizes.



108-26610	4x4 sharp prongs	25 mm	32 cm 12.5"
108-26615	5x5 sharp prongs	45 mm	32 cm 12.5"



## Finochietto STILLE revbensspridare | Finochietto STILLE Rib Spreader

Sternum and rib spreader with interchangeable blades.



108-26931-80

108-26931-100

108-26931	Self-retaining	with blades 50x50 mm
108-26931-50	Blades	1 pair 50x50 mm
108-26931-80	Blades	1 pair 80x50 mm
108-26931-100	Blades	1 pair 30x100 mm



### Vienna STILLE nässpekulum | Vienna STILLE Nasal Speculum

Nasal speculas in three different sizes.

108-27011-1	24 mm	14 cm 5.5"
108-27011-2	30 mm	14 cm 5.5"
108-27011-3	34 mm	14 cm 5.5"



### Cottle STILLE nässpekulum | Cottle STILLE Nasal Speculum

Nasal speculum with locking screw.

108-27021-2	55 mm	14 cm 5.5"
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**SKRAPNING, FRILÄGGNING ELLER BORTTAGNING** av mjuk och hård vävnad samt andra precisa arbeten kräver ett lätt handlag. Instrumenten måste vara starka men samtidigt följsamma för att undvika skador.

STILLE erbjuder ett sortiment av kyretter, raspatorier, dissektorer och elevatorier av allra högsta kvalitet. Materialet är högglangspolerat rostfritt stål med just de egenskaper som är så viktiga för denna typ av produkter. Stålet är tillräckligt hårt för att hantera hård benvävnad och hålla sig vasst samtidigt som det måste vara följsamt för att inte skada implantat.

I den här produktgruppen ingår också STILLES välkända uteruskyretter. De tillverkas numera med skaft av ohärdat rostfritt stål vilket ger dem de precisa böjbara egenskaperna som behövs. Instrumentet behöver inte beläggas med ett ytskikt av nickel vilket förlänger hållbarheten och ökar patientsäkerheten.

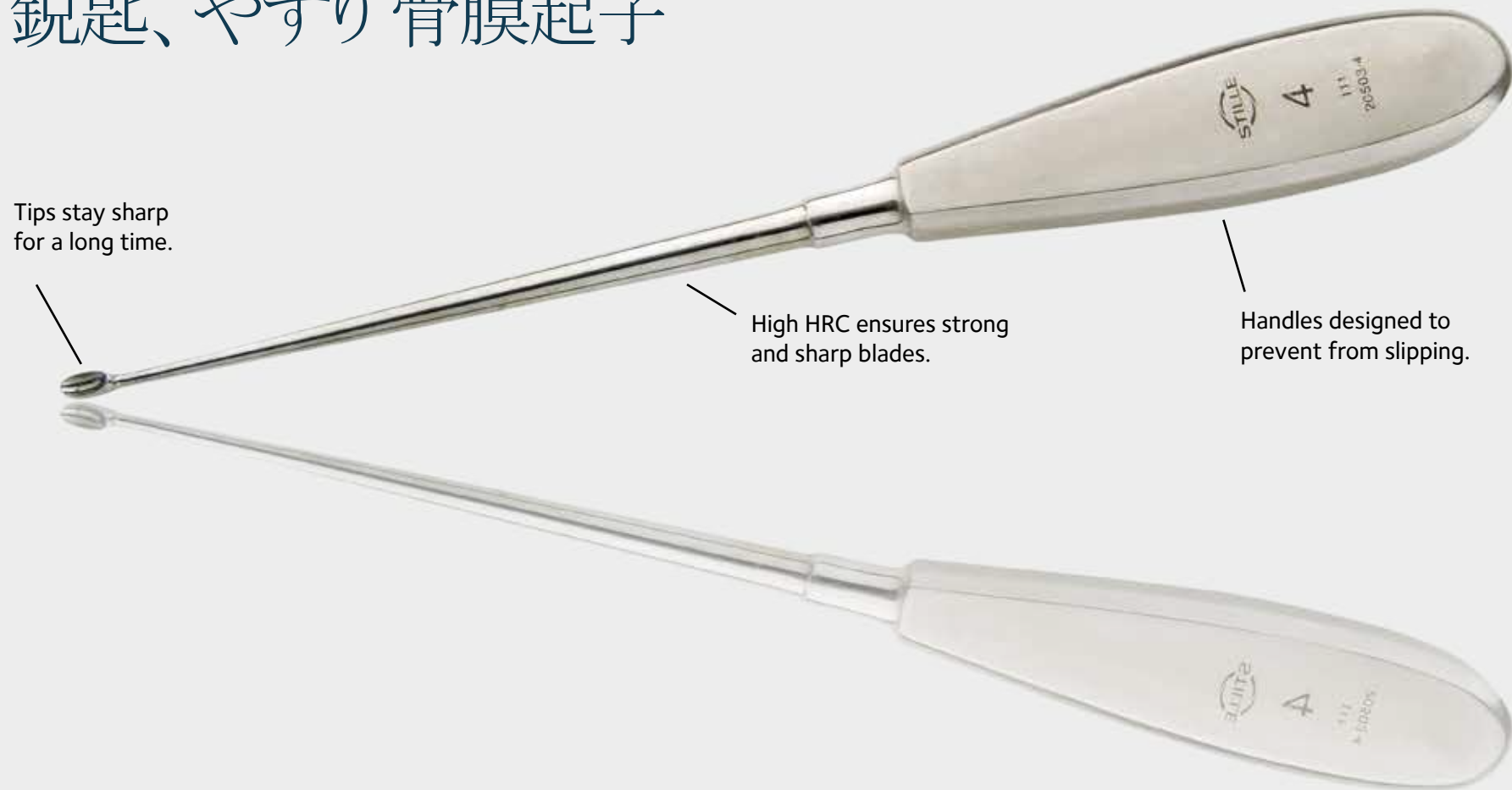
**SCRAPING, UNCOVERING OR REMOVAL** of soft and hard tissue and other precision work requires a light touch. The instruments must be strong, yet flexible enough to avoid damage.

STILLE offers an assortment of curettes, raspatories, dissectors and elevators of the very highest quality. The material is highly polished stainless steel with precisely the qualities that are so important for these types of instruments. The steel is hard enough to deal with hard bone tissue and to remain sharp, yet flexible enough to avoid damaging implants.

This instrument group also includes STILLE's well known uterine curettes. They are designed with shafts of unhardened stainless steel, which gives them the precise flexibility required. The instruments need not be coated with a surface layer of nickel, which prolongs durability and increases patient safety.



Slevar, Raspatorier, Elevatorier etc. | Currettes,  
Raspatories, Elevators etc. | Löffel, Raspatorien,  
Elevatorien etc. | Curette, Staccaperiostio,  
Elevatori etc. | Cucharillas, Legras, Elevadores etc. |  
鋭匙、やすり骨膜起子



Tips stay sharp  
for a long time.

High HRC ensures strong  
and sharp blades.

Handles designed to  
prevent from slipping.

## Récamier STILLE uteruskyrett | Récamier STILLE Uterine curette

Malleable uterine curettes in different sizes. With shaft in non-hardened stainless steel, ensures long-time function without any surface coating falling off. Higher patient safety and longer life-time expectancy.



111-20340-5

111-20340-7

111-20340-8

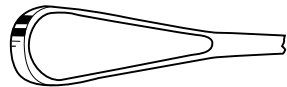
111-20340-10



111-20350-7

111-20350-8

111-20350-10



111-20350-12

111-20340-5	Sharp	5 mm	30 cm 12"
111-20340-7	Sharp	7 mm	30 cm 12"
111-20340-8	Sharp	8 mm	30 cm 12"
111-20340-10	Sharp	10 mm	30 cm 12"
111-20350-7	Blunt	7 mm	30 cm 12"
111-20350-8	Blunt	8 mm	30 cm 12"
111-20350-10	Blunt	10 mm	30 cm 12"
111-20350-12	Blunt	12 mm	30 cm 12"

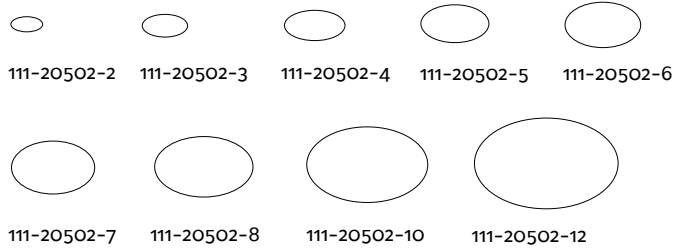






### STILLE slev | STILLE Bone curette

Oval and sharp bone curettes with widths from 2 mm to 12 mm.

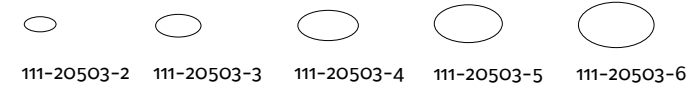


111-20502-2	Sharp oval	2 mm	17.5 cm 7"
111-20502-3	Sharp oval	3 mm	18 cm 7"
111-20502-4	Sharp oval	4 mm	18.5 cm 7.25"
111-20502-5	Sharp oval	5 mm	18.5 cm 7.25"
111-20502-6	Sharp oval	6 mm	18.5 cm 7.25"
111-20502-7	Sharp oval	7 mm	19 cm 7.5"
111-20502-8	Sharp oval	8 mm	19.5 cm 7.75"
111-20502-10	Sharp oval	10 mm	21 cm 8.25"
111-20502-12	Sharp oval	12 mm	21 cm 8.25"



### STILLE slev | STILLE Bone curette

Oval and sharp bone curettes with widths from 2 mm to 6 mm. Longer Shaft version.

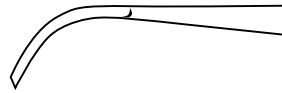


111-20503-2	Sharp oval	2 mm	23 cm 9"
111-20503-3	Sharp oval	3 mm	23 cm 9"
111-20503-4	Sharp oval	4 mm	23 cm 9"
111-20503-5	Sharp oval	5 mm	23 cm 9"
111-20503-6	Sharp oval	6 mm	23 cm 9"



### Olivecrona STILLE raspatorium | Olivecrona STILLE Raspatory

Raspatory with sturdy and ergonomic handle. Curved tip.



111-22150

111-22150	Curved	11 mm	17 cm 6.75"
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### Cobb STILLE raspatorium | Cobb STILLE Raspatory

Popular raspatory with round handle. Available with several different tip sizes.

111-22155-10	10 mm	28,5 cm 11.25"
111-22155-13	13 mm	28,5 cm 11.25"
111-22155-19	19 mm	28,5 cm 11.25"
111-22155-25	25 mm	28,5 cm 11.25"





### Cottle STILLE raspatorium | Cottle STILLE Raspatory

Commonly used raspatory with a sharp 9 mm rounded tip.

111-22158-9	9 mm	19 cm 7.5"
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### Lambotte STILLE raspatorium | Lambotte STILLE Raspatory

Raspatory with a wide 23 mm tip.



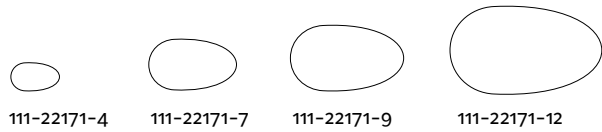
111-22160

111-22160	Curved	23 mm	21 cm 8.25"
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### Wiberg STILLE raspatorium | Wiberg STILLE Raspatory

A straight raspatory in four different sizes.



111-22171-4

111-22171-7

111-22171-9

111-22171-12

111-22171-4	Straight	4 mm	17 cm 6.75"
111-22171-7	Straight	7 mm	17 cm 6.75"
111-22171-9	Straight	9 mm	17 cm 6.75"
111-22171-12	Straight	12mm	17 cm 6.75"



### Ragnell STILLE raspatorium | Ragnell STILLE Raspatory

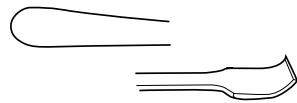
Double-ended raspatory with blunt hooks.

111-22350 Blunt hook 17 cm 6.75"



### Howarth STILLE näsraspatorium | Howarth STILLE Nasal Raspatory

Double-ended nasal raspatory with sharp hooks.



111-22370

111-22370 Double-ended 22 cm 8.75"



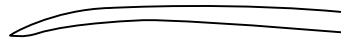
### Joseph STILLE raspatorium | Joseph STILLE Raspatory

Slightly curved raspatory with flat handle.

111-22385-4 4 mm 17 cm 6.75"

## STILLE näsraspatorium | STILLE Nasal Raspatory

Sharp, slightly curved nasal raspatory.



111-22520-4

111-22520-4 Slightly curved Sharp 4 mm 18 cm 7"





### Freer STILLE elevatorium | Freer STILLE Elevator

Double-ended elevator sharp/blunt with rounded, delicate handle.

111-22140-4	4.5 mm	19.5 cm 7.75"
111-22140-6	6.5 mm	19.5 cm 7.75"



### STILLE näselevatorium | STILLE Nasal Elevator

Blunt nasal elevator.



111-22522-4

111-22522-4	Slightly curved blunt	4 mm	18 cm 7"
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**Cottle STILLE septum elevator | Cottle STILLE Septum Elevator**

Double-ended fine elevator with graduated shafts.

111-22532	Graduated	3.3/3.7 mm	23 cm 9"
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**Langenbeck STILLE elevatorium | Langenbeck STILLE Elevator**

Sturdy elevator mainly used in orthopaedics. Available in two sizes.

111-22550-8	8 mm	19.5 cm 7.75"
111-22550-10	10 mm	19.5 cm 7.75"





### Mini-Hohmann STILLE elevatorium | Mini-Hohmann STILLE Elevator

Finer version of the Hohmann elevator. Used in foot surgery.

111-22565-6	Bone lever	6 mm	16 cm 6.25"
111-22565-8	Bone lever	8 mm	16 cm 6.25"



### Hohmann STILLE elevatorium | Hohmann STILLE Elevator

General utility bone lever for orthopaedic surgery.

111-22567-9	Rounded	9 mm	22 cm 8.75"
111-22568-18	Rounded	18 mm	24 cm 9.5"
111-22569-18	Flat	18 mm	25.5 cm 10"
111-22569-24	Flat	24 mm	26 cm 10.25"



### STILLE elevatorium | STILLE Elevator

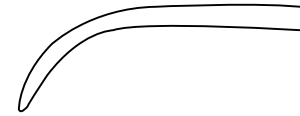
Standard bone lever in two different sizes.

111-22563-3	3 mm	14.5 cm 5.75"
111-22563-6	6 mm	14.5 cm 5.75"



### Stolte STILLE tonsillelevatorium | Stolte STILLE Tonsil Elevator

Curved double-ended tonsil elevator.

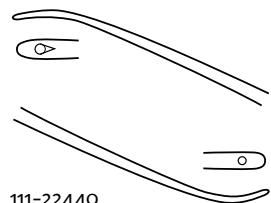


111-22635

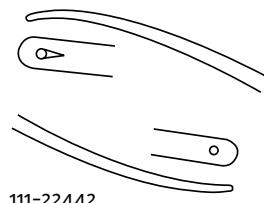
111-22635	Double-ended	20 cm 8"
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## STILLE dissektor | STILLE Dissector

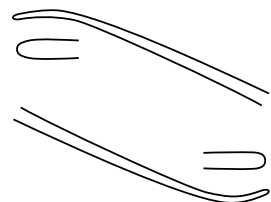
Double-ended dissector in several different models.



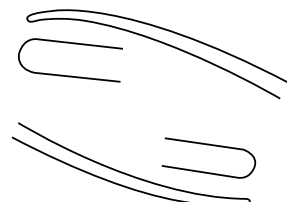
111-22440



111-22442



111-22440



111-22442

111-22440-18	Fine with hole	18 cm 7"
111-22440-24	Fine with hole	24 cm 9.5"
111-22442-19	Coarse with hole	19.5 cm 7.75"
111-22442-24	Coarse with hole	24 cm 9.5"
111-22444	Fine without hole	24.5 cm 9.75"
111-22446	Coarse without hole	24.5 cm 9.5"



## Fomon STILLE rasp | Fomon STILLE Rasp

Double-ended rasp with TC-inserts for better durability. Low profile for better access in narrow areas.

111-22860	TC-inserts 1&2	21,5 cm 8,5"
111-22861	TC-inserts 3&4	21,5 cm 8,5"
111-22862	TC-inserts 5&6	21,5 cm 8,5"
111-22863	TC-inserts 7&8	21,5 cm 8,5"







**OSTEOTOMER, MEJSLAR, GOUGEMEJSLAR** och andra beninstrument från STILLE tillverkas i ett härdat kvalitetsstål med särskilt hög hårdhet för att undvika brytskador eller böjningar. Hårdheten ökar tåligheten mot slitage och stålets seghet avgör hur väl det står emot stora påfrestningar under lång tid.

Det är valet av material med precis rätt hårdhet (HRC-värde) i kombination med tillverkningsmetod som ger instrumentet dess unika skäregenskaper. Eggen är lagd i en perfekt vinkel för maximal skärprestanda. Spetsen är hård nog för att den inte ska fastna i benet. Samtidigt är den mjuk nog för att ge med sig i kontakt med implantat.

Specialslipningen gör att instrumenten förblir vassa under en längre tid innan de behöver slipas om. Handtagen är ergonomiskt utformade för ett handfast grepp. STILLE var först i världen med att tillverka osteotomer och instrumenten har genom åren blivit kända för sina unika egenskaper. Den klassiska STILLE-osteotomen är idag ett begrepp över hela världen.

**OSTEOTOMES, CHISELS, MALLETS** and other bone instruments from STILLE are made of high quality hardened steel, with particularly high strength to avoid breakage or bending. The hardness increases resistance to wear and the toughness of the steel determines how well the instrument can withstand great strain for long periods of time.

The choice of material with just the right hardness value (HRC) in combination with the manufacturing method provides the instrument with its unique cutting properties. The edges are placed at the perfect angle for maximum cutting performance. The tip is stiff enough so that it will not get caught in the bone, and soft enough to give way when in contact with implants.

Special sharpening techniques allow the instruments to remain sharp for extended periods before they need to be resharpened. The handles are ergonomically designed for a firm and comfortable grip. STILLE was the first in the world to manufacture osteotomes and over the years the instruments have become known for their unique properties. The classic STILLE osteotome is known the world over.



Osteotomer, mejslar etc. | Osteotomes, Chisels etc. |  
Osteotome, Flachmeissel etc. | Osteotomi, Scalpelli etc. |  
Escoplos, Cinceles etc. | 両刃のみ 片刃のみ



High HRC ensures that the instruments stay sharp.

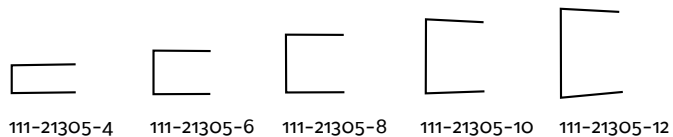
Handle designed to ensure perfect grip and ergonomoy.

Highest quality steel and hardening for maximum life expectancy.

Special tip grinding for maximum cutting performance.

### STILLE osteotom | STILLE Osteotome

The famous STILLE original osteotome, available in 5 different sizes.

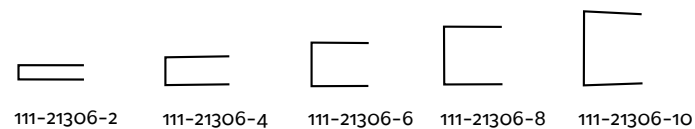


111-21305-4	4 mm	21 cm 8.25"
111-21305-6	6 mm	21 cm 8.25"
111-21305-8	8 mm	21 cm 8.25"
111-21305-10	10 mm	21 cm 8.25"
111-21305-12	12 mm	21 cm 8.25"



### STILLE osteotom | STILLE Osteotome

Delicate osteotome with cross-serrated head. Available in 5 different sizes.



111-21306-2	2 mm	16.5 cm 6.6"
111-21306-4	4 mm	16.5 cm 6.5"
111-21306-6	6 mm	16.5 cm 6.5"
111-21306-8	8 mm	16.5 cm 6.5"
111-21306-10	10 mm	16.5 cm 6.5"

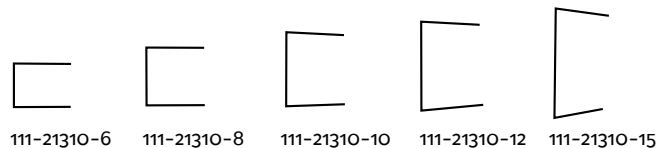






### STILLE osteotom | STILLE Osteotome

Osteotome in 5 different sizes. Slightly thicker blade than the STILLE-Kaye osteotome.

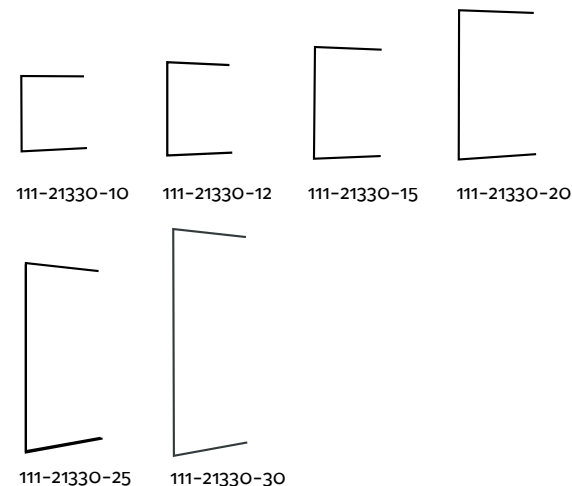


111-21310-6	6 mm	16,5 cm 6,5"
111-21310-8	8 mm	16,5 cm 6,5"
111-21310-10	10 mm	16,5 cm 6,5"
111-21310-12	12 mm	16,5 cm 6,5"
111-21310-15	15 mm	16,5 cm 6,5"



### STILLE osteotom | STILLE Osteotome

Osteotome available in 6 different sizes.



111-21330-10	10 mm	21 cm 8,25"
111-21330-12	12 mm	21 cm 8,25"
111-21330-15	15 mm	21 cm 8,25"
111-21330-20	20 mm	21 cm 8,25"
111-21330-25	25 mm	21 cm 8,25"
111-21330-30	30 mm	21 cm 8,25"



### Lambotte STILLE osteotom | Lambotte STILLE Osteotome

Straight osteotome available in 6 different sizes.



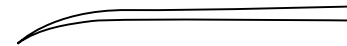
111-21441

111-21441-7	Straight	7 mm	23 cm 9"
111-21441-15	Straight	15 mm	23 cm 9"
111-21441-20	Straight	20 mm	23 cm 9"
111-21441-25	Straight	25 mm	23 cm 9"
111-21441-30	Straight	30 mm	23 cm 9"
111-21441-40	Straight	40 mm	23 cm 9"



### Lambotte STILLE osteotom | Lambotte STILLE Osteotome

Curved version of the Lambotte osteotome available in 4 different sizes.



111-21442

111-21442-7	Curved	7 mm	23 cm 9"
111-21442-15	Curved	15 mm	23 cm 9"
111-21442-20	Curved	20 mm	23 cm 9"
111-21442-25	Curved	25 mm	23 cm 9"



## Lambotte STILLE miniosteotom | Lambotte STILLE Mini Osteotome

Delicate mini osteotome in 11 different sizes.

### 111-21450

111-21450-2	Straight	2 mm	12.5 cm 5"
111-21450-3	Straight	3 mm	12.5 cm 5"
111-21450-4	Straight	4 mm	12.5 cm 5"
111-21450-5	Straight	5 mm	12.5 cm 5"
111-21450-6	Straight	6 mm	12.5 cm 5"
111-21450-7	Straight	7 mm	12.5 cm 5"
111-21450-8	Straight	8 mm	12.5 cm 5"
111-21450-9	Straight	9 mm	12.5 cm 5"
111-21450-10	Straight	10 mm	12.5 cm 5"
111-21450-11	Straight	11 mm	12.5 cm 5"
111-21450-12	Straight	12 mm	12.5 cm 5"



### STILLE handosteotom | STILLE Hand Osteotome

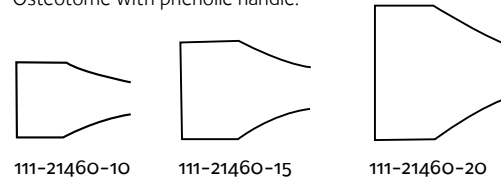
Delicate osteotome with phenolic handle. Intended for hand surgery, but also useful in other fine orthopaedic work.

111-21456-2	2 mm	16cm 6.25"
111-21456-4	4 mm	16cm 6.25"
111-21456-6	6 mm	16cm 6.25"
111-21456-8	8 mm	16cm 6.25"
111-21456-10	10 mm	16cm 6.25"
111-21456-12	12 mm	16cm 6.25"



### Lexer STILLE osteotom | Lexer STILLE Osteotome

Osteotome with phenolic handle.



111-21460-10

111-21460-15

111-21460-20

111-21460-10	10 mm	21 cm 8.25"
111-21460-15	15 mm	21 cm 8.25"
111-21460-20	20 mm	21 cm 8.25"



## Neivert STILLE osteotom | Neivert STILLE Osteotome

Delicate single-guarded osteotome for lateral osteotomy in rhinoplasty.

111-21501-1	Curved left	20 cm 8"
111-21501-2	Curved right	20 cm 8"
111-21501-3	Straight	20 cm 8"

## Cottle STILLE osteotom | Cottle STILLE Osteotome

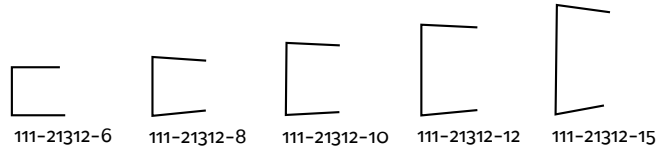
Graduated fine osteotome in five different sizes.

111-21477-4	4 mm	18 cm 7"
111-21477-6	6 mm	18 cm 7"
111-21477-8	8 mm	18 cm 7"
111-21477-10	10 mm	18 cm 7"
111-21477-12	12 mm	18 cm 7"



## STILLE mejsel | STILLE Chisel

Original STILLE-design chisel in five different sizes from 6 mm to 15 mm.

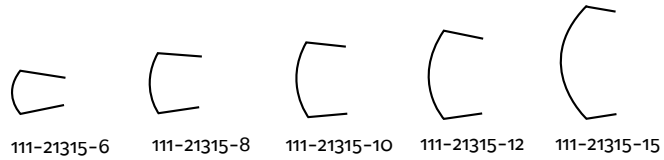


111-21312-6	6 mm	16.5 cm 6,5"
111-21312-8	8 mm	16.5 cm 6,5"
111-21312-10	10 mm	16.5 cm 6,5"
111-21312-12	12 mm	16.5 cm 6,5"
111-21312-15	15 mm	16.5 cm 6,5"



### STILLE gougemejsel | STILLE Gouge

Original STILLE gouge. Available in five different sizes from 6 mm to 15 mm.

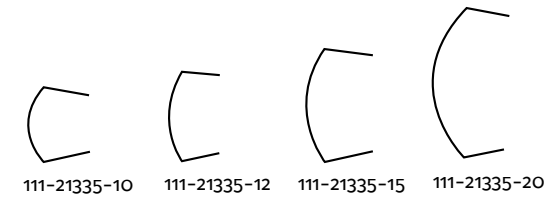


111-21315-6	6 mm	16.5 cm 6.5"
111-21315-8	8 mm	16.5 cm 6.5"
111-21315-10	10 mm	16.5 cm 6.5"
111-21315-12	12 mm	16.5 cm 6.5"
111-21315-15	15 mm	16.5 cm 6.5"



### STILLE gougemejsel | STILLE Gouge

Original STILLE gouge. Available in four different sizes from 10 mm to 20 mm.



111-21335-10	10 mm	21 cm 8.25"
111-21335-12	12 mm	21 cm 8.25"
111-21335-15	15 mm	21 cm 8.25"
111-21335-20	20 mm	21 cm 8.25"





## STILLE pryl | STILLE Awl

Awl with phenolic handle.



## STILLE hammare | STILLE Mallet

Stainless steel mallet.

111-21820    200 g 7 oz    21.5 cm 8.5"





### STILLE hammare | STILLE Mallet

Mallet with stainless steel head, phenolic handle and interchangeable teflon insert.

111-21825	Mallet	145 g, 7 oz	17 cm 6.75"
111-21825-5	Spare Teflon insert		

### STILLE hammare | STILLE Mallet

Mallet with interchangeable plastic head and stainless steel handle.

111-21920	Mallet	245 g, 8.5 oz	24 cm 9.5"
111-21920-5	Spare Plastic head		





**DE MEST KOMPLICERADE OPERATIONERNA** inom mikrokirurgi kräver högsta precision ända in i minsta detalj. STILLES mikroinstrument är handgjorda av skickliga instrumentmakare och erbjuder perfekt precision och balans.

Sortimentet är i första hand inriktat mot plastikkirurgi och hjärta/-kärlkirurgi. Saxar, pincetter och nålförare finns i flera olika längder och utföranden för att passa alla kirurgers unika önskemål. De svarta eller blåa handtagen indikerar att instrumentet är ett äkta STILLE-instrument.

**THE MOST COMPLEX MICROSURGICAL PROCEDURES** require precision down to the finest detail. STILLE micro instruments are hand-made by skilled craftsman and provide perfect precision and balance.

The instrument range is primarily focused on plastic surgery and cardio/-vascular surgical procedures. Scissors, forceps and needle holders are available in various lengths and designs to suit any surgeon's unique requirements. The black or blue handles indicate that the instrument is an authentic STILLE design.

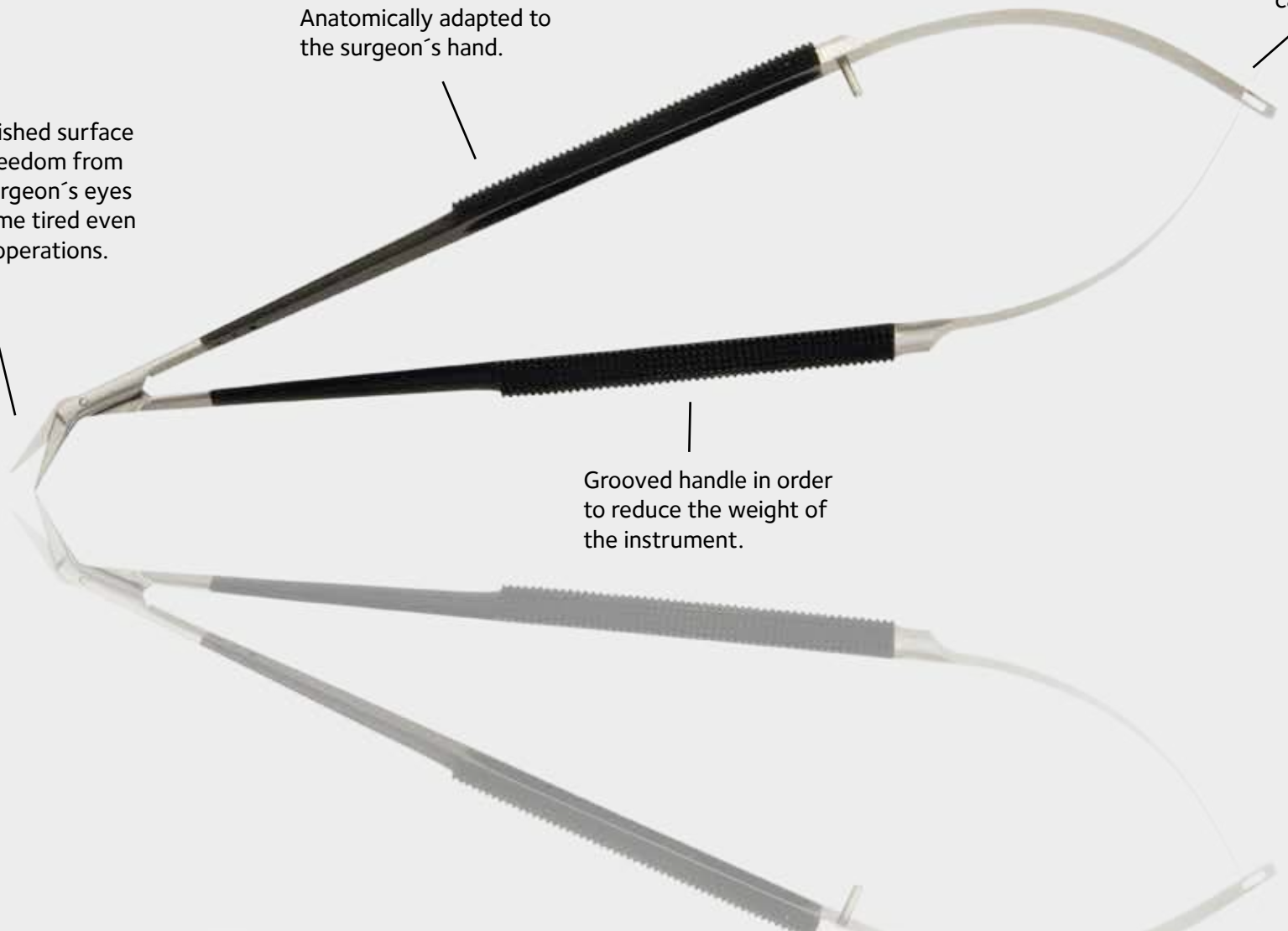
# Mikroinstrument | Micro instruments | Mikro-instrumente | Strumenti per microchirurgia | Instrumentos para microcirugia | マイクロ器具

The satin finished surface  
garantees freedom from  
glare. The surgeon's eyes  
do not become tired even  
during long operations.

Anatomically adapted to  
the surgeon's hand.

Grooved handle in order  
to reduce the weight of  
the instrument.

All edges, the spring unit,  
pivot and the grip are  
designed so that gloves  
cannot be damaged.





STILLE mikrosax | STILLE Micro Scissors

### MIKROSAXAR

Sortimentet består av både raka och böjda modeller i olika längder, bladstorlek och vinklar. Alla modeller är gjorda med STILLE original SuperCut blad för perfekt precision och prestanda i mjuk vävnad. Ledskruven kan tas bort och återmonteras i samband med service. Efter service skall instrumentet fungera med precis samma känsla och pålitlighet som ett nytt instrument.

### MICRO SCISSORS

The STILLE Micro scissors consist of both straight and curved models in different lengths, blade sizes and angles. All models are made with the original STILLE Supercut blades for consistent cutting performance in soft tissue. Our joint screw design allows for easy removal during instrument service and repair. After service, the instrument will perform with the same feel and reliability you come to expect from a STILLE instrument.



STILLE mikropincett | STILLE Micro Forceps



STILLE Titan mikropincett | STILLE Titanium Micro Forceps

### MIKROPINCETTER

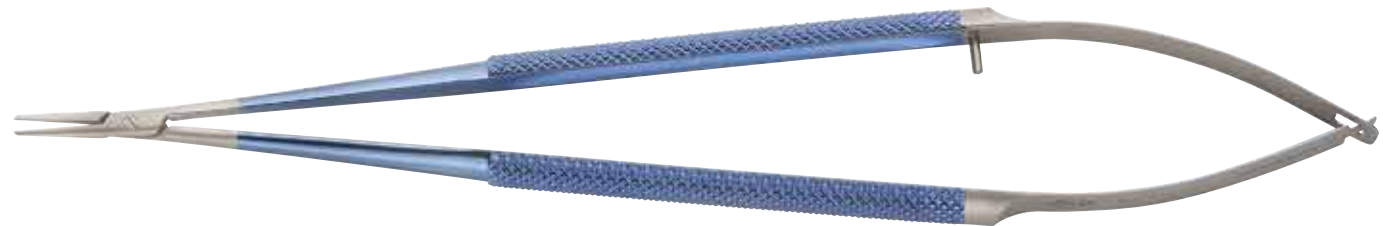
Alla STILLE mikropincetter är gjorda för att ge samma känsla och balans som våra standard-pincetter. Våra duktiga instrumentmakare är fokuserade på de detaljer som ger perfekt fjäderspänning och matchning av spetsarna för att mjukt och enkelt kunna greppa vävnad och suturer. Pincetterna erbjuds i rostfritt stål eller titan, modeller finns med suturplattform, 1x2 klor, ringspetsar och DeBakey atraumatiska kärpincetter. Käftarna kan fås som standard i rostfritt, eller med Diamond Jaws för utökad hållbarhet och greppstyrka.

### MICRO FORCEPS

All STILLE Micro Forceps are designed to give the same feel and balance as our standard line of forceps. Our attention to detail by our skilled artisans in Sweden, combines both perfect spring tension and tip alignment for reliable grasping of tissue. They are available in Titanium or stainless steel that include tying platform, 1x2 teeth, ring tips and DeBakey. The tips are available in stainless steel or STILLE Diamond jaws for added durability.



STILLE mikronålförare | STILLE Micro Needle Holder



STILLE Titan mikronålförare | STILLE Titanium Micro Needle Holder

### MIKRONÅLFÖRARE

STILLES mikronålförare är designade för att hålla även de finaste mikrosuturerna. Bara ett minimalt tryck behövs från kirurgens fingrar för ett säkert grepp. Alla modeller är försedda med STILLE Diamond Jaws eller på de kraftigare modellerna hårdmetallplattor. De erbjuds som raka eller böjda, med- eller utan låsning och i ett flertal olika längder. Leddesign Regular för 7-0 suturer och finare eller Streamline för 5-0 och finare (kraftiga modellerna för 2-0 till 4-0).

### MICRO NEEDLE HOLDERS

The STILLE Micro Needle Holders are designed to hold the finest sutures in a tight and secure grip. Only minimal pressure will need to be applied by surgeon's fingers. All models are made with STILLE Diamond Jaws and the heavier models with TC-inserts. They can be delivered as straight or curved, with or without ratchet and in several different lengths. Regular box lock for 7-0 sutures and finer, Streamline box lock for 5-0 sutures and finer. (heavy models for 2-0 to 4-0).



### STILLE SuperCut mikrosax | STILLE SuperCut Micro Scissors

Fine micro scissors with straight or curved blades with sharp or blunt tips. All models with **SuperCut** blades.



117-A110  
117-A112



117-A111  
117-A113

117-A110-15	Sharp tips	Straight	15 cm 6"
117-A110-18	Sharp tips	Straight	18 cm 7"
117-A110-21	Sharp tips	Straight	21 cm 8.25"
117-A112-15	Blunt tips	Straight	15 cm 6"
117-A112-18	Blunt tips	Straight	18 cm 7"
117-A112-21	Blunt tips	Straight	21 cm 8.25"
117-A111-15	Blunt tips	Curved	15 cm 6"
117-A111-18	Blunt tips	Curved	18 cm 7"
117-A111-21	Blunt tips	Curved	21 cm 8.25"
117-A113-15	Sharp tips	Curved	15 cm 6"
117-A113-18	Sharp tips	Curved	18 cm 7"
117-A113-21	Sharp tips	Curved	21 cm 8.25"

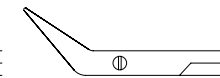


### STILLE SuperCut mikrokärlsax | STILLE SuperCut Micro Vascular Scissors

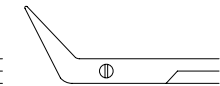
**SuperCut** micro scissors available in five different blade angles for fine vascular surgery. Blade length 11 mm.



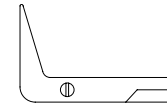
117-A120-25  
117-A121-25



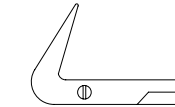
117-A120-45  
117-A121-45



117-A120-60  
117-A121-60



117-A120-90  
117-A121-90



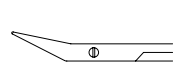
117-A120-125  
117-A121-125

117-A120-25	Angled 25°	18 cm 7"
117-A120-45	Angled 45°	18 cm 7"
117-A120-60	Angled 60°	18 cm 7"
117-A120-90	Angled 90°	18 cm 7"
117-A120-125	Angled 125°	18 cm 7"
117-A121-25	Angled 25°	21 cm 8.25"
117-A121-45	Angled 45°	21 cm 8.25"
117-A121-60	Angled 60°	21 cm 8.25"
117-A121-90	Angled 90°	21 cm 8.25"
117-A121-125	Angled 125°	21 cm 8.25"

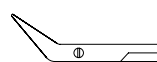


## STILLE SuperCut mikrokärlsax | STILLE SuperCut Micro Vascular Scissors

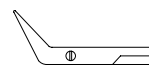
Extra fine blade version of STILLE **SuperCut** vascular micro scissors.  
Blade length 7.5 mm.



117-A125-25



117-A125-45



117-A125-60



117-A125-90



117-A125-125

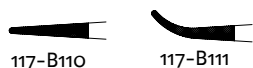
117-A125-25	Angled 25°	18 cm 7"
117-A125-45	Angled 45°	18 cm 7"
117-A125-60	Angled 60°	18 cm 7"
117-A125-90	Angled 90°	18 cm 7"
117-A125-125	Angled 125°	18 cm 7"





### STILLE mikropincett | STILLE Micro Forceps

Well balanced and ergonomic micro forceps of ultra high quality. With tying platform and straight or curved jaws. 0.4 mm tips.

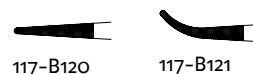


117-B110-15	Straight	15 cm 6"
117-B110-18	Straight	18 cm 7"
117-B110-21	Straight	21 cm 8.25"
117-B110-23	Straight	23 cm 9"
117-B111-15	Curved	15 cm 6"
117-B111-18	Curved	18 cm 7"
117-B111-21	Curved	21 cm 8.25"



### STILLE mikropincett | STILLE Micro Forceps

Same fine micro forceps, with Diamond Jaws, for increased tip durability and secure grip of fine needles. 0.4 mm tips.

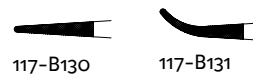


117-B120-15	Diamond Jaws	Straight	15 cm 6"
117-B120-18	Diamond Jaws	Straight	18 cm 7"
117-B120-21	Diamond Jaws	Straight	21 cm 8.25"
117-B120-23	Diamond Jaws	Straight	23 cm 9"
117-B121-15	Diamond Jaws	Curved	15 cm 6"
117-B121-18	Diamond Jaws	Curved	18 cm 7"
117-B121-21	Diamond Jaws	Curved	21 cm 8.25"



### STILLE mikropincett | STILLE Micro Forceps

Micro forceps with Diamond Jaws and Counter-balance. 0.4 mm tips.



117-B130-18	Diamond Jaws	Straight	18 cm 7"
117-B130-21	Diamond Jaws	Straight	21 cm 8.25"
117-B130-23	Diamond Jaws	Straight	23 cm 9"
117-B131-18	Diamond Jaws	Curved	18 cm 7"
117-B131-21	Diamond Jaws	Curved	21 cm 8.25"

### STILLE mikro ringpincett | STILLE Micro Ring Forceps

Counter-balanced micro forceps with fine Diamond Jaws ring tips.



117-B140

117-B140-18	1.0x0.5 mm	Diamond Jaws	Straight	18 cm 7"
117-B140-21	1.0x0.5 mm	Diamond Jaws	Straight	21 cm 8.25"
117-B140-23	1.0x0.5 mm	Diamond Jaws	Straight	23 cm 9"



### STILLE mikro klopincett | STILLE Micro Tissue Forceps

Round handle, with 1x2 fine teeth on 0.4 mm tips.

117-B150-15	1x2 fine teeth	Straight	15 cm 6"
117-B150-18	1x2 fine teeth	Straight	18 cm 7"
117-B150-21	1x2 fine teeth	Straight	21 cm 8.25"



### STILLE DeBakey mikropincett | STILLE Micro DeBakey Forceps

Round handle, with 1.2 mm fine atraumatic DeBakey tips.

117-B160-18	1.2 mm	DeBakey tips	Straight	18 cm 7"
117-B160-21	1.2 mm	DeBakey tips	Straight	21 cm 8.25"



### STILLE DeBakey mikropincett | STILLE Micro DeBakey Forceps

Round handle, with 1.2 mm fine atraumatic DeBakey tips, counter-balanced.

117-B165-18	1.2 mm	DeBakey tips	Straight	18 cm 7"
117-B165-21	1.2 mm	DeBakey tips	Straight	21 cm 8.25"



**STILLE Titan mikropincett**  
| **STILLE Titanium Micro Forceps**

Round handle, with tying platform, straight or curved 0.4 mm tips.

117-B120-18-TI	Diamond Jaws	Straight	18 cm 7"
117-B120-21-TI	Diamond Jaws	Straight	21 cm 8.25"
117-B120-23-TI	Diamond Jaws	Straight	23 cm 9"
117-B120-25-TI	Diamond Jaws	Straight	25 cm 10"
117-B121-18-TI	Diamond Jaws	Curved	18 cm 7"
117-B121-21-TI	Diamond Jaws	Curved	21 cm 8.25"
117-B121-23-TI	Diamond Jaws	Curved	23 cm 9"
117-B121-25-TI	Diamond Jaws	Curved	25 cm 10"



**STILLE Titan mikropincett**  
| **STILLE Titanium Micro Forceps**

Round handle, with tying platform, counter-balanced, straight or curved 0.4 mm tips.

117-B130-18-TI	Diamond Jaws	Straight	18 cm 7"
117-B130-21-TI	Diamond Jaws	Straight	21 cm 8.25"
117-B131-18-TI	Diamond Jaws	Curved	18 cm 7"
117-B131-21-TI	Diamond Jaws	Curved	21 cm 8.25"





### STILLE Titan mikro ringpincett | STILLE Titanium Micro Ring Forceps

Round handle, with fine ring tips, counter-balanced.

117-B140-18-TI	Diamond Jaws	1.0x0.5 mm ring tips	Straight	18 cm 7"
117-B140-21-TI	Diamond Jaws	1.0x0.5 mm ring tips	Straight	21 cm 8.25"
117-B140-23-TI	Diamond Jaws	1.0x0.5 mm ring tips	Straight	23 cm 9"



### STILLE Titan DeBakey mikropincett | STILLE Titanium Micro DeBakey Forceps

Round handle, with 1.2 mm fine atraumatic DeBakey tips.

117-B160-18-TI	1.2 mm DeBakey tips	Straight	18 cm 7"
117-B160-21-TI	1.2 mm DeBakey tips	Straight	21 cm 8.25"





### STILLE mikro nålförare | STILLE Micro Needle Holder

Round handle, fine 0.8 mm Diamond Jaws and **Regular Box Lock** for sutures 7-0 and smaller. Without ratchet.



117-C110-15	Diamond Jaws	Straight	15 cm 6"
117-C110-18	Diamond Jaws	Straight	18 cm 7"
117-C110-21	Diamond Jaws	Straight	21 cm 8.25"
117-C110-23	Diamond Jaws	Straight	23 cm 9"
117-C111-15	Diamond Jaws	Curved	15 cm 6"
117-C111-18	Diamond Jaws	Curved	18 cm 7"
117-C111-21	Diamond Jaws	Curved	21 cm 8.25"
117-C111-23	Diamond Jaws	Curved	23 cm 9"

### STILLE mikro nålförare | STILLE Micro Needle Holder

Round handle, 1.2 mm Diamond Jaws and **Streamline Box Lock** for sutures 5-0 and smaller. Without ratchet.

117-C115-15	Diamond Jaws	Without Ratchet	Straight	15 cm 6"
117-C115-18	Diamond Jaws	Without Ratchet	Straight	18 cm 7"
117-C115-21	Diamond Jaws	Without Ratchet	Straight	21 cm 8.25"
117-C115-23	Diamond Jaws	Without Ratchet	Straight	23 cm 9"
117-C116-15	Diamond Jaws	Without Ratchet	Curved	15 cm 6"
117-C116-18	Diamond Jaws	Without Ratchet	Curved	18 cm 7"
117-C116-21	Diamond Jaws	Without Ratchet	Curved	21 cm 8.25"
117-C116-23	Diamond Jaws	Without Ratchet	Curved	23 cm 9"



### STILLE mikro nålförare | STILLE Micro Needle Holder

Round handle, fine 0.8 mm Diamond Jaws and **Regular Box Lock** for sutures 7-0 and smaller. With ratchet.



117-C120-15	Diamond Jaws	Straight	15 cm 6"
117-C120-18	Diamond Jaws	Straight	18 cm 7"
117-C120-21	Diamond Jaws	Straight	21 cm 8.25"
117-C120-23	Diamond Jaws	Straight	23 cm 9"
117-C121-15	Diamond Jaws	Curved	15 cm 6"
117-C121-18	Diamond Jaws	Curved	18 cm 7"
117-C121-21	Diamond Jaws	Curved	21 cm 8.25"
117-C121-23	Diamond Jaws	Curved	23 cm 9"



## STILLE mikro nålförare | STILLE Micro Needle Holder

Round handle, 1.2 mm Diamond Jaws and **Streamline Box Lock** for sutures 5-0 and smaller. With ratchet.

117-C125-15	Diamond Jaws	With Ratchet	Straight	15 cm 6"
117-C125-18	Diamond Jaws	With Ratchet	Straight	18 cm 7"
117-C125-21	Diamond Jaws	With Ratchet	Straight	21 cm 8.25"
117-C125-23	Diamond Jaws	With Ratchet	Straight	23 cm 9"
117-C126-15	Diamond Jaws	With Ratchet	Curved	15 cm 6"
117-C126-18	Diamond Jaws	With Ratchet	Curved	18 cm 7"
117-C126-21	Diamond Jaws	With Ratchet	Curved	21 cm 8.25"
117-C126-23	Diamond Jaws	With Ratchet	Curved	23 cm 9"



## STILLE mikro nålförare | STILLE Micro Needle Holder

Extra heavy model for handling of larger needles with TC-inserts. Intended for 2/0 suture and finer.



117-C130  
117-C140

117-C130-19	TC-inserts	Without lock	19 cm 7.5"
117-C130-23	TC-inserts	Without lock	23 cm 9"
117-C130-25	TC-inserts	Without lock	25 cm 9.75"
117-C140-19	TC-inserts	With lock	19 cm 7.5"
117-C140-23	TC-inserts	With lock	23 cm 9"
117-C140-25	TC-inserts	With lock	25 cm 9.75"



**STILLE Titan mikronålförare**  
**| STILLE Titanium Micro Needle Holder**

Round handle, fine 0.8 mm Diamond Jaws and **Regular Box Lock** for sutures 7-0 and smaller. With or without ratchet.

117-C110-18-TI	Diamond Jaws	Without Ratchet	Straight	18 cm 7"
117-C110-21-TI	Diamond Jaws	Without Ratchet	Straight	21 cm 8.25"
117-C110-23-TI	Diamond Jaws	Without Ratchet	Straight	23 cm 9"
117-C111-15-TI	Diamond Jaws	Without Ratchet	Curved	15 cm 6"
117-C111-18-TI	Diamond Jaws	Without Ratchet	Curved	18 cm 7"
117-C111-21-TI	Diamond Jaws	Without Ratchet	Curved	21 cm 8.25"
117-C120-18-TI	Diamond Jaws	With Ratchet	Straight	18 cm 7"
117-C120-21-TI	Diamond Jaws	With Ratchet	Straight	21 cm 8.25"
117-C120-23-TI	Diamond Jaws	With Ratchet	Straight	23 cm 9"
117-C121-18-TI	Diamond Jaws	With Ratchet	Curved	18 cm 7"
117-C121-21-TI	Diamond Jaws	With Ratchet	Curved	21 cm 8.25"
117-C121-23-TI	Diamond Jaws	With Ratchet	Curved	23 cm 9"







**STILLE Titan mikronålförare**  
**| STILLE Titanium Micro Needle Holder**

Round handle, 1.2 mm Diamond Jaws and **Streamline Box Lock** for sutures 5-0 and smaller. With or without ratchet.

117-C115-18-TI	Diamond Jaws	Without Ratchet	Straight	18 cm 7"
117-C115-21-TI	Diamond Jaws	Without Ratchet	Straight	21 cm 8.25"
117-C115-23-TI	Diamond Jaws	Without Ratchet	Straight	23 cm 9"
117-C125-18-TI	Diamond Jaws	With Ratchet	Straight	18 cm 7"
117-C125-21-TI	Diamond Jaws	With Ratchet	Straight	21 cm 8.25"
117-C125-23-TI	Diamond Jaws	With Ratchet	Straight	23 cm 9"
117-C126-18-TI	Diamond Jaws	With Ratchet	Curved	18 cm 7"
117-C126-21-TI	Diamond Jaws	With Ratchet	Curved	21 cm 8.25"
117-C126-23-TI	Diamond Jaws	With Ratchet	Curved	23 cm 9"

**STILLE Titan mikronålförare**  
**| STILLE Titanium Micro Needle Holder**

Extra heavy model for handling of larger needles. Intended for 2/0 suture and finer.

117-C140-23-TI	Diamond Jaws	With Ratchet	Straight	23 cm 9"
117-C140-25-TI	Diamond Jaws	With Ratchet	Straight	25 cm 10"





**STILLE ERBJUDER** ett antal övriga instrument som komplement till huvudsortimentet. Här finns exempelvis produkter som den unika STILLE Hemostop och instrumentvårdsprodukter. Här kan man också hitta vårt utvalda sortiment av ortopediska implantat av högsta kvalitet, där Palmer-stift, Wibergmärlor och Kirschner trådborrar ingår.

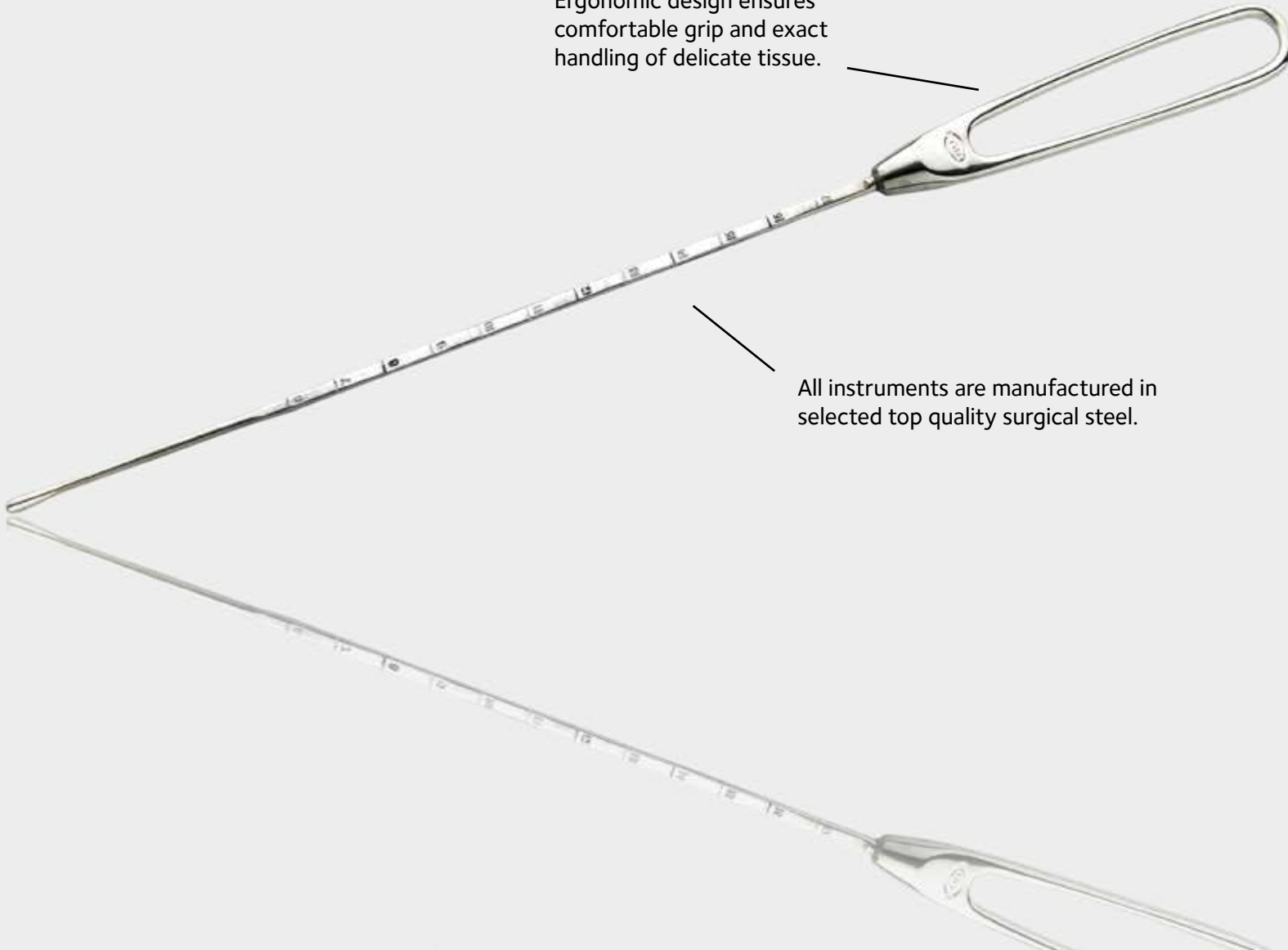


**STILLE OFFERS** a number of various instruments as a complement to the main offering. Included here are among other products, STILLE Hemostop and instrument care products. In this section we also offer a selected range of top quality orthopaedic implants, such as our well-known Palmer bone nails, Wiberg fracture staples and Kirschner wire drills.

Övriga instrument | Various instruments | Sonstige  
Instrumente | Altri strumenti | Instrumentos varios |  
様々な器具

Ergonomic design ensures  
comfortable grip and exact  
handling of delicate tissue.

All instruments are manufactured in  
selected top quality surgical steel.



### Gillquist-STILLE artroskopisugrör | Gillquist-STILLE Arthroscopy Suction Tube

Arthroscopy suction tube with mandrin.

119-10915 28 cm 11"



### Oretorp-STILLE sond | Oretorp-STILLE Probe

Blunt ended probe for arthroscopy. Graduated shaft.

119-10928 Blunt 19.5 cm 7.75"



### STILLE sond | STILLE Probe

Blunt ended probe for arthroscopy. Graduated shaft.

119-10928-1 Blunt 19.5 cm 7.75"



### STILLE uterussond | STILLE Uterine Sound

Uterine sound with malleable silver shaft. Graduated in cm. Drop-shaped tip.



119-28452      27 cm 10.75"

### Bergström-STILLE muskelbiopsi kanyl | Bergström-STILLE Muscle biopsy Cannula

Muscle biopsy cannula. Consists of a sharptipped, hollow outer needle with a small opening near the tip. A punch with a sharp edge fits tightly into the needle. The stylet is used for pushing out biopsy specimens from the punch.



119-29187-50      Diam 5 mm  
119-29187-60      Diam 6 mm

### STILLE Jameson skjutmått | STILLE Jameson Caliper

Caliper graduated 0-80 mm.

119-30025 0-80 mm 0-3" 9.5 cm 3.75"



### STILLE Castroviejo skjutmått | STILLE Castroviejo Caliper

Caliper with locking screw, graduated 0-20 mm.

119-30022 0-20 mm 8 cm 3.1"



### STILLE mätsticka | STILLE Ruler

Stainless steel ruler graduated in mm, 0-15 cm.

119-30010-15 15 cm 6"





### STILLE skalpellhandtag | STILLE Scalpel Handle

The most common scalpel handles made with highest precision.

119-50010-3	No 3	Blade 10-15	12 cm 5"
119-50010-13	No 3L	Blade 10-15	21 cm 8.25"
119-50010-4	No 4	Blade 18-25	13 cm 5.25"
119-50010-14	No 4L	Blade 18-25	21 cm 8.25"
119-50010-7	No 7	Blade 10-15	16 cm 6.25"



### STILLE Barron skalpellhandtag | STILLE Barron Scalpel Handle

8-sided handle for precise handling and rotation.

119-50012	Blade 10-15	14 cm 5,5"
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### STILLE skalpellhandtag | STILLE Scalpel Handle

Round handle guarantees precise finger tip control.

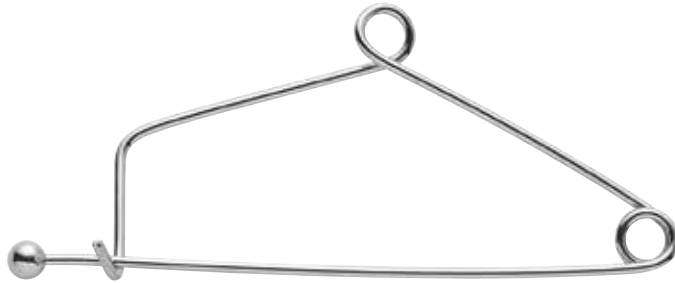
119-50015	Blade 10-15	14.5 cm 5.75"
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### STILLE Mayo peanghängare | STILLE Mayo Safety Pin

Safety Pin with ball for better control of instruments on the tray.

119-50022 13,5 cm 5.25"



### STILLE Hemostop | STILLE Hemostop

Designed as an aid to stemming complicated venous and arterial bleeding during open surgery. Relatively long to be able to reach down into the pelvis.

119-60001 Ring diameter 18/28 mm 24 cm 9.5"







### Medicway instrumentolja | Medicway Instrument Oil

Instrument oil, package of 2 pcs á 50 ml.

119-78900-1 50 ml, package of 2 pcs

### STILLE rengöringsborste | STILLE Cleaning Brush

Cleaning brush for surgical instruments. Special stainless steel fine threaded, bristle diameter 0.12 mm, height 20 mm. Handy grip of plastic material. Autoclavable at 121C.

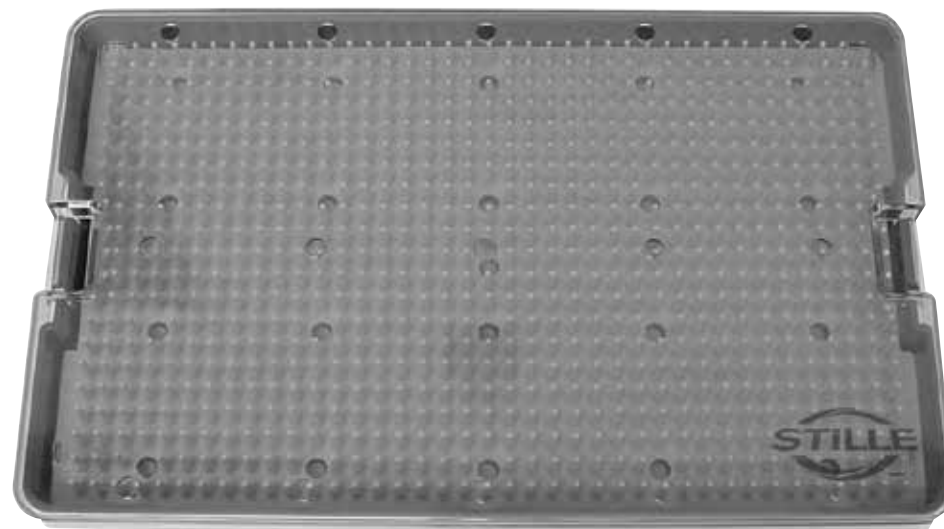
119-78950 20 cm 8", package 2 pcs



### Instrumentbricka | Instrument Sterilization Tray

Instrument tray for transport, sterilization and storage of delicate instruments. The trays are designed to assure proper penetration of sterilizing agent between the mat and the tray surface. Silicone mat included. Available in three different sizes. The trays are made to withstand common sterilization methods, including steam, gas, cold sterilization solutions, and temperatures up to 182°C/360 F.

199-60010	Micro tray	10.1x19x1.9 cm	4x7.5x0.75"
199-60020	Micro tray	15.2x25.4x1.9 cm	6x10x0.75"
199-60030	Instrument tray	25.4x38.1x1.9 cm	10x15x0.75"



## STILLE-Gigli trådsåg | STILLE-Gigli Wire Saw

Gigli wire saw with superior cutting quality. Smooth joints between loops and wire. Available in three different lengths.

125-19150-30	Pack of 25 pcs	30 cm 12"
125-19150-40	Pack of 25 pcs	40 cm 15.75"
125-19150-50	Pack of 25 pcs	50 cm 20"
125-19160	Handle	6.5 cm 2.5"
125-19170	Guide/Dura Protector	34 cm 13"



125-19160



125-19150-40



125-19170

## STILLE gipssåg | STILLE Plaster Cast Remover

A complete kit of plaster cast removers including wire saws in two lengths, stainless steel handles and plastic profiles.

413-2500-2	Metal Handle		
413-2502-85	Wire Saws	100 pcs	85 cm 33.5"
413-2502-125	Wire Saws	100 pcs	125 cm 49.25"
413-2504-85	Soft Profiles	100 pcs	85 cm 33.5"
413-2504-125	Soft Profiles	100 pcs	125 cm 49.25"



## STILLE frakturtråd | STILLE Bone Wire

STILLE bone wire on 5 m coils. Not available in USA.

121-18013-4	Stainless	0.4 mm	5 m coils diam ,soft
121-18013-5	Stainless	0.5 mm	5 m coils diam, soft
121-18013-6	Stainless	0.6 mm	5 m coils diam, soft
121-18013-7	Stainless	0.7 mm	5 m coils diam, soft
121-18013-8	Stainless	0.8 mm	5 m coils diam, soft
121-18013-9	Stainless	0.9 mm	5 m coils diam, soft
121-18013-10	Stainless	1.0 mm	5 m coils diam, soft



## Palmer-STILLE benstift | Palmer-STILLE Bone Nail

Round bone nails with diameter 1.5 mm. Not available in USA.

121-18224-15	Stainless	Round	Length 15 mm	Pkg of 5 pcs
121-18224-20	Stainless	Round	Length 20 mm	Pkg of 5 pcs
121-18224-25	Stainless	Round	Length 25 mm	Pkg of 5 pcs
121-18224-30	Stainless	Round	Length 30 mm	Pkg of 5 pcs
121-18224-35	Stainless	Round	Length 35 mm	Pkg of 5 pcs
121-18224-40	Stainless	Round	Length 40 mm	Pkg of 5 pcs
121-18224-45	Stainless	Round	Length 45 mm	Pkg of 5 pcs
121-18224-50	Stainless	Round	Length 50 mm	Pkg of 5 pcs
121-18224-55	Stainless	Round	Length 55 mm	Pkg of 5 pcs
121-18224-60	Stainless	Round	Length 60 mm	Pkg of 5 pcs
121-18224-65	Stainless	Round	Length 65 mm	Pkg of 5 pcs
121-18224-70	Stainless	Round	Length 70 mm	Pkg of 5 pcs
121-18227	Holder/Driver		12 cm 5.7"	
121-18229	Impactor		17 cm 6.75"	



Available on selected markets only. Contact STILLE for further information.



### Wiberg-STILLE benmärla | Wiberg-STILLE Fracture Staple

Fracture staples in three different sizes. Not available in USA.

121-18251-16	Stainless	16 mm	Pkg of 5 pcs
121-18251-19	Stainless	19 mm	Pkg of 5 pcs
121-18251-22	Stainless	22 mm	Pkg of 5 pcs
121-18255	Holder/Driver	17 cm 6.75"	

### STILLE Kirschner trådborr | STILLE Kirschner Wire Drill

Wire drills with lancet points with or without eye. Not available in USA.

121-19357-11	Without eye	1.1 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-13	Without eye	1.3 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-15	Without eye	1.5 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-18	Without eye	1.8 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-20	Without eye	2.0 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-213	With eye	1.3 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-215	With eye	1.5 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-218	With eye	1.8 mm	23.5 cm 9.25"	Pkg of 5 pcs
121-19357-220	With eye	2.0 mm	23.5 cm 9.25"	Pkg of 5 pcs

Available on selected markets only. Contact STILLE for further information.



**DR. HERBERT OLIVECRONA**, professor i neurokirurgi vid Karolinska institutet, pionjär inom neurokirurgi vid Serafimerlasarettet, läkare vid Sabbatsbergs sjukhus samt ledamot av Kungliga Vetenskapsakademien. Utvecklade flera instrument tillsammans med STILLE, såsom kyretter, peanger och pincetter.

**DR. HERBERT OLIVECRONA**, professor of neurosurgery at the Karolinska Institute, a pioneer in neurosurgery at the Serafimer Hospital, doctor at Sabbatsberg Hospital and member of the Royal Swedish Academy of Sciences. Developed several instruments in collaboration with STILLE, such as curettes, artery forceps and forceps.

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**DR. CLARENCE CRAFOORD**, professor i thoraxkirurgi vid Karolinska institutet samt överläkare vid Sabbatsbergs sjukhus. En pionjär inom thoraxkirurgi som genomförde världens första operation av kärlmissbildning vid medfött hjärtfel. Utvecklade tillsammans med STILLE, bland annat pincetter och peanger som än idag bär hans namn.

**DR. CLARENCE CRAFOORD**, professor of thoracic surgery at the Karolinska Institute and Chief Physician at Sabbatsberg Hospital. A pioneer in thoracic surgery who conducted the world's first operation for vascular malformation of congenital heart defects. Developed in collaboration with STILLE forceps and artery forceps, which still bear his name.

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Nervhake STILLE	142
New Orleans STILLE nålförare	88
Nålförare STILLE	89
Nålförare STILLE	89
Näselevatorium STILLE	167
Näsraspatorium STILLE	166
Nässax STILLE SuperCut	43
<b>O</b>	
Olivecrona STILLE peang	73
Olivecrona STILLE raspatorium	162
Olivecrona-STILLE durapincett	59
Olsen-Hegar STILLE nålförare	90
Oretorp-STILLE sond	204
Osteotom STILLE	176
Osteotom STILLE	176
Osteotom STILLE	177
Osteotom STILLE	177
Osteotom STILLE	177
Overholt STILLE peang	76
<b>P</b>	
Palmer-STILLE benstift	214
Pean STILLE peang	66
Peck-Joseph STILLE nässax	42
Peck-Joseph STILLE SuperCut nässax	42

Produktnamn	Sida
Perifer kärklämmare STILLE	125
Perman STILLE bukhake	150
Pincett STILLE	55
Pincett STILLE	55
Pincett STILLE	55
Pincett STILLE	55
Pincett STILLE	55
Plattång STILLE	96
Pryl STILLE	185
<b>R</b>	
Ragnell Stille Diamond SuperCut dissektionssax	31
Ragnell STILLE dissektionssax	30
Ragnell STILLE hake	145
Ragnell STILLE operationssax	35
Ragnell STILLE raspatorium	164
Ragnell STILLE SuperCut dissektionssax	30
Ragnell STILLE SuperCut ergonomisk dissektionssax	32
Ragnell STILLE SuperCut ergonomisk ögonlockssax	17
Ragnell STILLE SuperCut ögonlockssax	17
Ragnell Stille-Ekberg Diamond SuperCut ergonomisk dissektionssax	31
Ragnell Stille-Ekberg SuperCut ergonomisk dissektionssax	31
Rapp-STILLE knuthållartång	92
Récamier STILLE uteruskyrett	160
Rees STILLE SuperCut Face-lift sax	47
Rengöringsborste STILLE	209
Rochester-Ochsner STILLE peang	71
Rochester-Ochsner STILLE peang	72
Rochester-Péan STILLE peang	70
Rochester-Péan STILLE peang	71
Ruskin-STILLE gougetång	102
Russian STILLE pincett	56
Ryder STILLE nålförare	88
<b>S</b>	
Satinsky STILLE tangential occlusionsklämmare	122
Sawtell STILLE peang	75
Schmidt STILLE peang	74
Schroeder STILLE klotång	135
Semb STILLE behållartång	108
Senn STILLE hake	146
Sims STILLE dissektionssax	22
Skalpellhandtag STILLE	207
Skalpellhandtag STILLE	207
Slev STILLE	161
Slev STILLE	161
Sond STILLE	204
Spencer STILLE sutursax	49
Spiraltång Stille-Norell	132
Stevens Stille-Ekberg Diamond SuperCut ergonomisk tenotomisax	39

Produktnamn	Sida
Stevens Stille-Ekberg SuperCut ergonomisk tenotomisax	39
Stevens-Stille Diamond SuperCut ergonomisk tenotomisax	38
Stevens-Stille Diamond SuperCut tenotomisax	37
Stevens-STILLE SuperCut tenotomisax	36
Stevens-STILLE SuperCut ergonomisk tenotomisax	38
Stevens-STILLE tenotomisax	36
Stolte STILLE tonsillelevatorium	170
Strandell STILLE hake	143
Ståltrådshållare STILLE	93
Ståltrådsroterare STILLE	93
Sutursax STILLE	49
<b>T</b>	
Thorek STILLE dissektionssax	32
Titan DeBakey STILLE mikropincett	197
Titan mikro ringpincett STILLE	197
Titan mikronålförare STILLE	200
Titan mikronålförare STILLE	201
Titan mikronålförare STILLE	201
Titan mikropincett STILLE	196
Titan mikropincett STILLE	196
Trådavbitare STILLE	109
Trådavbitare STILLE	109
Trådavbitare STILLE	110
Trådsåg STILLE-Gigli	210
<b>U</b>	
Universal STILLE ståltrådssax	50
Universalklämmare STILLE	119
Universalklämmare STILLE	120
Uppsala STILLE galltång	117
Uterusmanipulator STILLE	136
Uterussond STILLE	205
Vienna STILLE nässpekulum	156
Volkman STILLE hake	144
<b>W</b>	
Waugh-Brophy STILLE anatomisk pincett	58
Waugh-Brophy STILLE isolerad diatermipincett	62
Waugh-Brophy STILLE isolerad diatermipincett	62

Produktnamn	Sida
Waugh-Brophy STILLE pincett	56
Webster STILLE nålförare	83
Webster STILLE nålförare	84
Webster/Kleinert STILLE nålförare	84
Weitlaner STILLE hake	153
Wiberg STILLE raspatorium	164
Wiberg-STILLE benmärla	213
Wikström STILLE galltång	117
<b>Z</b>	
Zaufal-Jansen STILLE gougetång	101
<b>Ö</b>	
Ögonlockssax ergonomisk STILLE SuperCut	17
Ögonlockssax STILLE SuperCut	17
Ögonsax STILLE	16
Ögonsax STILLE	16
Ögonsax STILLE SuperCut	16



Produktnamn	Sida
Mathieu STILLE Needle holder	90
Mayo STILLE Dissecting Scissors	19
Mayo STILLE Safety Pin	208
Mayo STILLE SuperCut Dissecting Scissors	20
Mayo-Harrington STILLE Operating Scissors	33
Mayo-Harrington STILLE SuperCut Operating Scissors	34
Mayo-Hegar STILLE Heavy Needle holder	86
Mayo-Hegar STILLE Needle holder	85
Mayo-Noble STILLE Dissecting Scissors	21
McIndoe STILLE Dressing Forceps	57
Metzenbaum STILLE Delicate Diamond SuperCut Dissecting Scissors	25
Metzenbaum STILLE Delicate Dissecting Scissors	24
Metzenbaum STILLE Delicate SuperCut Dissecting Scissors	24
Metzenbaum STILLE Diamond SuperCut Dissecting Scissors	27
Metzenbaum STILLE Dissecting Scissors	25
Metzenbaum STILLE SuperCut Dissecting Scissors	27
Metzenbaum STILLE SuperCut Ergonomic Dissecting Scissors	28
Metzenbaum STILLE-Ekberg Delicate Diamond SuperCut Ergonomic Dissecting Scissors	26
Metzenbaum STILLE-Ekberg Delicate SuperCut Ergonomic Dissecting Scissors	26
Metzenbaum STILLE-Ekberg SuperCut Ergonomic Dissecting Scissors	28
Micro DeBakey STILLE Forceps	195
Micro DeBakey STILLE Forceps	195
Micro Forceps STILLE	194
Micro Forceps STILLE	194
Micro Needle Holder STILLE	198
Micro Needle Holder STILLE	198
Micro Needle Holder STILLE	198
Micro Needle Holder STILLE	199
Micro Needle Holder STILLE	199
Micro Ring Forceps STILLE	195
Micro Scissors STILLE SuperCut	192
Micro Tissue Forceps STILLE	195
Micro Vascular Scissors STILLE SuperCut	192
Micro Vascular Scissors STILLE SuperCut	193
Mini Multi-purpose clamp STILLE	118
Mini Multi-purpose clamp STILLE	118
Mini Tangential Occlusion Clamp STILLE	121
Mini-Hohmann STILLE Elevator	169
Moberg STILLE Retractor	143
Multi-purpose clamp STILLE	119
Multi-purpose clamp STILLE	120
<b>N</b>	
Nasal Elevator STILLE	167

Produktnamn	Sida
Nasal Raspatory STILLE	166
Nasal Scissors STILLE SuperCut	43
Needle holder STILLE	89
Needle holder STILLE	89
Neivert STILLE Osteotome	181
Nerve Hook STILLE	142
New Orleans STILLE Needle holder	88
<b>O</b>	
Olivecrona STILLE Artery Forceps	73
Olivecrona STILLE Raspatory	162
Olivecrona-STILLE Dura Forceps	59
Olsem-Hegar STILLE Needle holder	90
Oretorp-STILLE Probe	204
Osteotome STILLE	176
Osteotome STILLE	176
Osteotome STILLE	177
Osteotome STILLE	177
Overholt STILLE Dissecting Forceps	76
<b>P</b>	
Pean STILLE Artery Forceps	66
Peck-Joseph STILLE Nasal Scissors	42
Peck-Joseph STILLE SuperCut Nasal Scissors	42
Peripheral Vascular Clamp STILLE	123
Perman STILLE Abdominal Retractor	150
Plaster Cast Remover STILLE	211
Probe STILLE	204
<b>R</b>	
Ragnell STILLE Diamond SuperCut Dissecting Scissors	31
Ragnell STILLE Dissecting Scissors	30
Ragnell STILLE Operating Scissors	35
Ragnell STILLE Raspatory	164
Ragnell STILLE Retractor	145
Ragnell STILLE SuperCut Blepharoplasty Scissors	17
Ragnell STILLE SuperCut Dissecting Scissors	30
Ragnell STILLE SuperCut Ergonomic Blepharoplasty Scissors	17
Ragnell STILLE SuperCut Ergonomic Dissecting Scissors	32
Ragnell STILLE-Ekberg Diamond SuperCut Ergonomic Dissecting Scissors	31
Ragnell STILLE-Ekberg SuperCut Ergonomic Dissecting Scissors	31
Rapp-STILLE Knot-holding Forceps	92
Récamier STILLE Uterine curette	160
Rees STILLE SuperCut Face-lift scissors	47
Retractor STILLE	144
Rochester-Ochsner STILLE Artery Forceps	71
Rochester-Ochsner STILLE Artery Forceps	72
Rochester-Péan STILLE Artery Forceps	70
Rochester-Péan STILLE Artery Forceps	71

Produktnamn	Sida
Ruler STILLE	206
Ruskin-STILLE Bone Rongeur	102
Russian STILLE Tissue Forceps	56
Ryder STILLE Needle holder	88
<b>S</b>	
Satinsky STILLE Tangential Occlusion Clamp	122
Sawtell STILLE Artery Forceps	75
Scalpel Handle STILLE	207
Scalpel Handle STILLE	207
Schmidt STILLE Artery Forceps	74
Schroeder STILLE Tenaculum Forceps	135
Semb STILLE Bone Holding Forceps	108
Senn STILLE Retractor	146
Sims STILLE Dissecting Scissors	22
Spencer STILLE Suture scissors	49
Stevens STILLE-Ekberg Ergonomic SuperCut Tenotomy Scissors	39
Stevens STILLE-Ekberg Ergonomic SuperCut Tenotomy Scissors	39
Stevens-STILLE Diamond Ergonomic SuperCut Tenotomy Scissors	38
Stevens-STILLE Diamond SuperCut Tenotomy Scissors	37
Stevens-STILLE SuperCut Tenotomy Scissors	36
Stevens-STILLE SuperCut Ergonomic Tenotomy Scissors	38
Stevens-STILLE Tenotomy Scissors	36
Stolte STILLE Tonsil Elevator	170
Strandell STILLE Retractor	143
Suture scissors STILLE	49
<b>T</b>	
Thorek STILLE Dissecting Scissors	32
Tissue Forceps STILLE	55
Tissue Forceps STILLE	55
Tissue Forceps STILLE	55
Tissue Forceps STILLE	55
Titanium Micro DeBakey STILLE Forceps	197
Titanium Micro Forceps STILLE	196
Titanium Micro Forceps STILLE	196
Titanium Micro Needle Holder STILLE	200
Titanium Micro Needle Holder STILLE	201
Titanium Micro Needle Holder STILLE	201
Titanium Micro Ring Forceps STILLE	197
<b>U</b>	
Universal STILLE Wire Cutting scissors	50
Uppsala STILLE Gall Duct Clamp	117
Uterine Manipulator STILLE	136
Uterine Sound STILLE	205
<b>V</b>	
Vascular Scissors STILLE SuperCut	40

Produktnamn	Sida
Vascular Scissors STILLE SuperCut	40
Vienna STILLE Nasal Speculum	156
Volkman STILLE Retractor	144
<b>W</b>	
Waugh-Brophy STILLE Dressing Forceps	58
Waugh-Brophy STILLE insulated Diathermy Forceps	62
Waugh-Brophy STILLE insulated Diathermy Forceps	62
Waugh-Brophy STILLE Tissue Forceps	56
Webster STILLE Needle holder	83
Webster STILLE Needle holder	84
Webster/Kleinert STILLE Needle holder	84
Weitlaner STILLE Retractor	153
Wiberg STILLE Raspatory	164
Wikström STILLE Gall Duct Clamp	117
Wire Cutter STILLE	109
Wire Cutter STILLE	109
Wire Cutter STILLE	110
Wire Holding Forceps STILLE	93
Wire Saw STILLE-Gigli	210
Wire Twisting Forceps STILLE	93
<b>Z</b>	
Zaufal-Jansen STILLE Bone Rongeur	101

# Instruktion för hantering och skötsel

Stille kirurgiska instrument för återanvändning, produktgrupp 101-119

## Avsedd användning

STILLE kirurgiska instrument är avsedda som standardinstrument för ingrepp i öppen kirurgi, och för den avsedda användningen i medicinsk specialitet. Instrumenten får endast användas för deras avsedda syfte av utbildad och kvalificerad operatör.

## Instruktionerna avser

Dessa instruktioner avser STILLE kirurgiska instrument, som: Saxar, pincetter, peanger, nålförare, benavbitare, gougetänger och tråдавbitare, klämmor, hakar, kyretter, raspatorier, elevاتورier, dissektorer, raspar, osteotomer, mejslar, pryglar, hammare samt mikrokirurgiska instrument.

## Varningar

Det är inte möjligt att förutse alla potentiella risker med produkterna och operatören har ansvar för korrekt användning och val av instrument för varje moment. Annan användning än den avsedda kan resultera i patientskada eller förstört instrument.

Vid olycka eller allvarligt tillbud med produkt som innefattas av dessa instruktioner måste anmälan göras till STILLE AB samt berörd myndighet.

STILLE AB accepterar inget ansvar för direkta eller indirekta skador orsakade av felaktig användning eller felaktig rengöring, sterilisering samt underhåll av instrumenten. Användning till annat än avsett ändamål kan skada produkten och medföra att produktgarantin ej gäller.

Upprepad rengöring har normalt sett minimal påverkan på instrumentets livslängd och det finns ingen begränsning i antal rengöringar/cyklar. Livslängden begränsas i allmänhet framför allt av slitage och skador i samband med användning och hantering.

Hantera instrumenten med försiktighet. Detta gäller instrument i allmänhet och mikroinstrument i synnerhet. Ytbelagda STILLE Diamond instrument kan vara känsliga för diatermi. Undvik direkt kontakt med diatermi-elektrod då detta kan medföra skador på ytskiktet.

Instrumentets prestanda är konstruerat för att vara tillräcklig i förhållande till dess avsedda användning. Mer detaljerad information för specifika instrument kan erhållas från STILLE AB på begäran.

Förvara aldrig instrument i saltlösning då detta kan medföra gropfrätning och spänningsskorrosion.

Rengöring och sterilisering med någon metod som innehåller väteperoxid rekommenderas ej för svartbelagda instrument (t ex SuperCut saxar).

Låt inte instrumenten ligga i mekanisk spänning då detta medför ökad risk för korrosion och skador. Instrument med knapp ska förvaras i öppet läge. Mikrokirurgiska instrument skall aldrig läggas ovanpå varandra.

Endast de angivna rengörings-, desinfektions- och steriliseringsprocesserna beskrivna i dessa instruktioner har validerats.

Instrumenten är avsedda för tillfällig användning (<60 min. vid normal användning) enligt MDD 93/42/EEC, bilaga 9, regel 6 (enligt MDR 2017/745 bilaga 8, kapitel 3, regel 6).

Vid service och reparation av leverantör som inte är auktoriserad av STILLE AB upphör produktens garanti att gälla.

## Kontraindikationer

Användning annan än avsedd användning. Användning av icke-isolerade instrument till diatermi.

## Nya instrument

Nya instrument levereras icke-sterila. För att användas vid kirurgiska ingrepp måste de rengöras, desinfekteras, kontrolleras och steriliseras före användning enligt den procedur som beskrivs i dessa instruktioner. Detta gäller även instrument som varit på service.

Nya instrument kräver extra uppmärksamhet vad gäller rengöring, skötsel och förvaring.

Fläckar och missfärgning kan uppstå vid lasermärkningen efter rengöring och desinfektion. Instrument som har rengjorts vid samma sterilitet och har varit i användning under en längre tid är betydligt mindre känsliga. Detta beror i allmänhet på det fortfarande mycket tunna passiva oxidskiktet på nya instrument.

Följande instruktioner skall beaktas om dessa problem uppstår:

- Ta alltid ut nya instrument ur transportförpackningen så snart som möjligt (täta plastpåsar kan medföra kondensation i samband med temperaturförändringar).

- Instrumenten skall inte förvaras i närheten av kemikalier (kemiska ångor kan medföra korrosion på instrumenten).

Kontakta STILLE AB ifall missfärgning runt märkningen fortfarande kvarstår trots upprepade rengörings- och desinfektionscykler.

## Skötsel under användning

- Torka bort blod och andra smutsrester från instrumentet under hela operationen, samt så snart som möjligt efteråt, för att förhindra att det torkar fast i instrumentytan. Använd därför avsedda sterilorkar.

## Föberedelser för rengöring och sterilisering

- Instrumenten skall rengöras så snart efter användningen som det är praktiskt möjligt. En maximal tid om ca 6 timmar efter användning anges ofta.

- Instrument med led och boxlås skall rengöras i öppet läge. Ta isär instrumenten så mycket som möjligt. Det finns inga STILLE-instrument som är avsedda att öppnas med hjälp av något verktyg. Dubbelleden på bentänger och gougetänger kan hållas i öppet läge med hjälp av STILLE Teflonpinne (artikelnummer 119-78800).

- Blötlägg och/eller skölj kraftigt nedsmutsade instrument före rengöringen för att lösa upp intorkade föröreningar. Använd ett enzym- eller lågalkaliskt diskmedel (pH≤12) för att blöta upp instrumenten. Följ diskmedelstillverkarens instruktioner gällande korrekt tid, temperatur, vattenkvalitet och koncentration. Använd kallt kranvatten för att skölja instrumenten.

## Manuell och mekanisk rengöring samt desinfektion

Tillämpa endast manuell och mekanisk rengöring i de fall då en automatisk process inte finns tillgänglig. Automatisk rengöring och desinfektion är att föredra för ett bra resultat.

Diskmedel: Enzym- eller lågalkaliskt (pH≤12) diskmedel lämpligt för manuell rengöring. Följ tillverkarens anvisningar gällande koncentration.

Utrustning: Borste med mjuka strån, ultraljudstvätt, luddfri trasa.

Vattenkvalitet: Vatten i åtminstone dricksvatten-kvalitet där inte annat anges.

1. Säkerställ att alla öppningsbara instrument är i öppet läge.

2. Skölj nedsmutsade instrument under rinnande kallt kranvatten i minst 1 minut. Använd en borste med mjuka strån för att ytterligare få bort kraftig smuts och rester. Använd inte stålull.

3. Blötlägg instrumenten i en färsk, ljummen lösning av enzym- eller lågalkaliskt (pH≤12) diskmedel i minst 10 minuter. Följ diskmedelstillverkarens instruktioner för korrekt tid, temperatur och koncentration.

4. Skölj instrumenten i kallvatten i minst 30 sekunder. Var noga med att skölja även i delar som är svåra att komma åt.

5. Gör i ordning en färsk lösning med ett lågskummande enzym- eller lågalkaliskt (pH≤12) diskmedel lämpligt för ultraljudsrengöring, med en temperatur på 30-40 °C. Följ diskmedelstillverkarens instruktioner för korrekt koncentration. När ultraljud används för rengöring skall instrumenten vara i öppet läge samt helt täckta av lösningen. Var noga med att skydda vassa instrumentspetsar.

6. Rengör instrumenten i ultraljudsbadet i minst 10 minuter, med en frekvens på 35-45 kHz, 150W.

7. Gör i ordning en ny, ljummen lösning med enzym- eller lågalkaliskt (pH≤12) diskmedel. Använd en borste med mjuka strån för att försiktigt skrubba instrumenten under lösningens yta, tills all synlig smuts har försvunnit. Var extra noga med klor, tänder, karrerade handtag och delar som är svåra att komma åt. Säkerställ att instrumentens samtliga delar täcks av lösningen.

8. Skölj instrumenten noggrant med avjoniserat rent vatten (DI) eller (PURW) i minst 30 sekunder. Säkerställ att delar som är svåra att komma åt sköljs noggrant och kraftigt.

9. Inspektera instrumenten. Om någon smuts eller kemikalier finns kvar, upprepa steg 2-8 ovan.

10. Gör en slutsköljning av instrumenten i DI eller PURW vatten, minst 10 sekunder.

11. Torka instrumenten med en ren, mjuk, luddfri trasa eller ren tryckluft.

Desinfektion efter manuell och mekanisk rengöring:

1. Blötlägg eller tillsätt rikligt med etanol (70%) på instrumenten så att alla ytor täcks. Rör på leder, handtag och andra rörliga delar så att etanolen kommer åt över allt.

2. Lämna på en luddfri ren duk eller liknande för att torka.

## Automatisk rengöring och desinfektion

Diskmedel: Enzym- eller lågalkaliskt (pH≤12) diskmedel avsett för rengöring i disk-desinfektor. Följ tillverkarens rekommendationer avseende koncentration.

Urustning: Disk-desinfektor validerad enligt EN ISO 15883.

Vattenkvalitet: Åtminstone dricksvattenkvalitet för diskning och demineraliserat vatten för desinfektion och slutsköljning.

Föberedelser för rengöring (enligt beskrivning ovan) måste utföras före automatisk rengöring.

1. Om instrumenten är kraftigt nedsmutsade, skölj i rinnande kallt kranvatten i minst 1 minut. Använd en borste med mjuka strån för att ytterligare få bort kraftig smuts och rester. Var extra noga med klor, tänder, karrerade handtag och delar som är svåra att komma åt, samt att instrumentets alla delar sköljs.

2. Säkerställ att instrumentens alla delar blir rengjorda. Se till att alla öppningsbara instrument är i öppet läge, lämpligen genom att använda stöd i form av s.k. diskpinnar för att få instrumenten i en mer upprätt position.

3. Placera instrumenten i en lämplig diskorg och kör dem i standardprogram för kirurgiska instrument.

4. Instrumenten skall tas ut ur maskinen snarast efter avslutat program för att undvika kvarvarande fukt, som kan orsaka korrosion.

Följande parametrar är viktiga för korrekt automatisk rengöring:

Steg	Beskrivning
1. Försköljning	2 min (x2), kallvatten
2. Diskning	Minst 10 minuter diskning med enzym- eller lågalkaliskt diskmedel med koncentration och temperatur enligt tillverkarens rekommendationer, dock minimum 55 °C.
3. Eftersköljning	1 min (x2), varmvatten
4. Slutsköljning/ desinfektion	Använd sköljmedel med koncentration och temperatur enligt tillverkarens rekommendationer. Desinfektion i minimum 1 min vid 90 °C, slutsköljning med demineraliserat vatten.
5. Torkning	15 min hetluft 110 °C.

#### Torkning

Om diskprogrammet inte inkluderar en torkprocess skall följande göras:

- Torka varje instrument noggrant med en ren, mjuk, luddfri trasa, för att förhindra korrosion och nedsatt funktion.
- Öppna och stäng ledade instrument så att alla ytor nås.

#### Inspektion

Låt instrumenten svalna till rumstemperatur efter rengöring/desinfektion.

Kontrollera noggrant varje instrument avseende renhet, frakturer, sprickor, missfärgning, korrosion, deformation och funktionsfel. Kontrollera extra noggrant delar som spetsar, klor, tänder, skär, knäppen, leder, skruvar och styrostift. På isolerade pincetter är det extra viktigt att kontrollera isoleringen avseende sprickor och att den sitter tätt mot pincetten. Instrument som är slitna, rostiga, deformerade eller skadade på något sätt måste tas ur drift.

#### Anoljning

Efter rengöringsprocessen, smörj ytor där metall rör sig mot metall (t ex saxblad, boxlås, skruvleder) genom att lägga på ett tunt lager olja. Använd endast medicinsk vitolja avsedd för kirurgiska instrument. Torka bort överflödiga olja för att undvika oljiga instrument och fläckar på sterilpåsar.

#### Funktionstest

Undersök varje instrument noggrant avseende funktion innan det packas för sterilisering.

#### Packning

Använd standardiserad packmetod för sterila instrument enligt EN ISO 11607-1. Alla avvikelser från rekommenderad packning måste valideras.

Undvik att ha instrumenten i mekanisk spänning, som exempelvis tung utrustning packad ovanpå pincetter.

#### Sterilisering:

Utrustning: autoklav, validerad enligt EN ISO 17665-1, packmaterial avsett för ångautoklavering.

#### Procedur:

- Inslagna instrument
- Minst 3 minuter i 134 °C ånga (min 132 °C – max 137 °C)
- Minst 3-puls fraktionerat vakuum
- Torkning i minst 20 minuter

Vid användning av steriliserings-containers, säkerställ att tillverkarens instruktioner följs. Det kan i detta fall behövas en förlängd torkningstid för att alla instrument skall torka ordentligt. Kvarstående fukt i containern kan leda till missfärgning och korrosion på instrumenten.

#### Lagring och transport

Efter steriliseringen skall instrumenten ligga kvar i sterilförpackningen och lagras i ett rent och fuktfritt utrymme. Skydda spetsar, vassa skär m.m. med spets-skydd. Säkerställ att det inte finns några kemikalier i närheten. Använd förslutna boxar vid transport för att undvika skada på instrumenten och kontaminering av omgivningen.

#### Material

##### Instrument i rostfritt stål

Alla STILLE kirurgiska instrument är tillverkade i material enligt EN ISO 7153-1:2016. Det höggradiga rostfria stålet som används för tillverkning av STILLE instrument skapar ett tunt passivt skikt som skyddar ytan. Stålet är dock bara motståndskraftigt mot korrosion till en viss grad och kloridjoner samt vatten som innehåller salter och mineraler kan orsaka gropfrätning och spänningskorrosion. Det största hotet mot instrumenten brukar vara vatten som innehåller ansevärliga mängder upplöst salt (natriumklorid).

##### Instrument i titan

STILLE mikro titaninstrument är tillverkade i titanlegeringen Ti6Al4V och kan hanteras och behandlas på samma sätt som instrument i rostfritt stål utan några ytterligare försiktighetsåtgärder. Handtagen på STILLE mikro titaninstrument är anodiserade i blå färg för igenkännande.

#### Garanti

Stille AB garanterar köparen att deras kirurgiska handinstrument ska vara fria från material- och utförandefel under en period på trettio (30) år efter datumet på Stille AB:s faktura. Stille AB kommer att reparera eller byta ut ett skadat instrument kostnadsfritt om skadan visar sig ha orsakats av material- eller utförandefel. Normalt slitage omfattas inte av garantin. Garantin gäller förutsatt att instrumentet används enligt avsett syfte, att det sköts och förvaras enligt våra skriftliga instruktioner och att eventuella klagomål görs skriftligen inom 30 dagar efter att skadan inträffade.

Om instrumentet har reparerats eller servats hos en leverantör som inte är auktoriserad av STILLE AB gör detta garantin ogiltig.

#### Retur och avyttring av produkt

Vid retur för service/repairation måste instrumenten rengöras och desinfekteras i enlighet med dessa instruktioner innan de returneras till STILLE AB eller auktoriserad servicepartner. Icke rengjorda/desinfekterade instrument kommer ej att servas. Packa instrumenten på ett säkert sätt i en hård kartong eller låda för att skydda dem från transportskada.

För avyttring av defekt eller gammalt instrument skall det desinfekteras enligt dessa instruktioner. Materialet är återvinningsbart som metall.

#### Förklaring av använda symboler

	Artikelnummer
	Tillverkningssats
	Tillverkare
	Tillverkningsdatum
	Se användarinstruktioner
	Icke-steril produkt
	CE-märke

Återstående risker har vägts gentemot produktens nytta och minimerats i riskhanteringsprocessen enligt EN ISO 14971. Nya potentiella risker utvärderas kontinuerligt i företagets PMS-process.

#### Utrustning använd för valideringsstudien

Ultraljudsbad: FisherBrand FB15054, 37 kHz

Diskmedel: Getinge Clean Enzymatic detergent 2 ml/l

Diskdesinfektor: Steelco Lab600

Ångautoklav: Systec 60-DX

#### Tillämpliga standarder

##### EN ISO 17664

Processing of healthcare products – Information to be provided by the medical device manufacturer

##### EN-ISO 17665-1

Sterilization of healthcare products – Moist heat – Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices

##### EN-ISO 7153-1

Surgical Instruments – Materials – Part 1: Metals

##### EN 285

Sterilization – Steam sterilizers – Large sterilizers

##### EN ISO 15883

Washer – Disinfectors

#### Tillverkare:

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# Instructions for use and Care

Stille Surgical and reusable Instruments, product group 101-119

## Intended use

STILLE surgical instruments are intended as standard instruments for procedures in open surgery, and for the intended use in medical specialty. The instruments may only be used for their intended purpose by trained and qualified operators.

## Applicable for

These instructions are applicable for STILLE surgical instruments like: Scissors, Forceps, Artery Forceps, Needle Holders, Bone Cutters and Rongeurs, Clamps, Retractors, Curettes, Raspatories, Elevators, Dissectors, Rasps, Osteotomes, Chisels, Awls, Mallets and Micro Surgical Instruments.

## Caution

It is impossible to foresee all potential risks with the product and the user shall be responsible for correct use and selection of instruments for each application. Used for a task other than what it is intended for may result in injury or a damaged instrument.

Any serious incident that occurs with the device covered by these IFU should be reported to STILLE AB and the competent authority of the Member State in which the user and/or patient is established.

STILLE AB cannot accept any liability for immediate or consequential damages caused by incorrect use or by inappropriate cleaning, sterilization and maintenance of the instruments. Use of a device for a task other than what it is intended for may damage the device and void the product warranty.

Repeated processing has minimal effect on the instruments' lifetime and there is no limitation regarding number of processes/cycles. End of life is normally determined by wear and damage due to use.

Handle the instruments carefully. This applies to instruments in general but particularly to micro instruments. Coated STILLE Diamond instruments may be sensitive for diathermy. Avoid direct contact with diathermy electrode as this may cause damage to the surface coating.

The instrument's performance characteristics is designed to be in line with its intended use. More detailed information regarding specific instruments can be requested from STILLE AB when needed.

Never immerse the instruments in a saline solution as this leads to pitting and stress corrosion.

Cleaning or sterilizing with any method containing hydrogen peroxide is not recommended for black coated instruments (e.g. SuperCut scissors).

Do not allow instruments to remain under mechanical stress since this increases the risks for corrosion and damage. Instruments with ratchets should be left open. Microsurgical instruments should never be laid on top of each other.

Only the cleaning, disinfection and sterilization processes described in these IFU have been validated.

The instruments are intended for temporary use (<60 min. under normal conditions) according to MDD 93/42/EEC, appendix 9, rule 6 (according to MDR 2017/745 appendix 8, chapter 3, rule 6).

If instruments are repaired by any service supplier not authorized by STILLE AB, all warranties are void.

## Contraindications

Usage outside of the intended use. Usage of non-insulated instruments for diathermy procedures.

## Before first use of new instruments

New instruments are delivered non-sterile. To be used in clinical settings, they must be cleaned, disinfected, inspected and sterilized before use, by following the procedure as described in this IFU. This is also valid for instruments returned from service/repair.

New instruments require particular attention when it comes to reprocessing / storage.

Staining and discoloring may occur in the vicinity of the laser marking following cleaning and disinfecting. Instruments which have been cleaned in the same cleaning and disinfecting unit and have been in circulation for a longer period do not exhibit these changes. This can be a consequence of the still very thin passivated layer on the new instruments.

The following instructions should be heeded to avoid problems of this nature:

- Always remove new instruments from the transportation packaging (closed plastic packaging can lead to the formation of condensation if exposed to temperature fluctuations).
- New instruments should not be stored in the immediate vicinity of chemicals (chemical vapors can trigger corrosion on the instruments).

Please contact STILLE if, despite several cleaning and disinfecting operations, discoloring is still evident in the vicinity of the marking.

## Point of use care

• Wipe off blood and/or debris from device throughout the surgical procedure, and as soon as possible after, to prevent it from drying onto the surface. Use dedicated sterile wipes.

## Preparations for decontamination

- Devices should be reprocessed as soon as it is reasonably practical following use. A maximum time of 6 hours after use is normally referred to as maximum time.
- Hinged and boxlock instruments must be cleaned in open position. Take instruments apart as much as possible. No STILLE-instruments are intended to be opened by using of a tool. The joint of bone rongeurs and cutters can be kept open by the use of STILLE Teflon Pin (Article code 119-78800).
- Soak and/or rinse heavily soiled instruments prior to cleaning to loosen any dried soil or debris. Use an enzymatic or low-alkaline (pH≤12) detergent to soak devices. Follow the detergent manufacturer's instructions for use for correct time, temperature, water quality and concentration. Use cold tap water to rinse devices.

## Manual and mechanical cleaning and disinfection

Only use manual and mechanical cleaning if there is no automated process available. Automated cleaning and disinfection are preferred.

Detergent: Enzymatic or low-alkaline (pH≤12) detergent suitable for manual cleaning. Follow producers' recommendations for concentration.

Equipment: soft bristle brushes, ultrasonic cleaner, lint-free cloths.

Water quality: At least drinking water quality if not otherwise specified.

1. Ensure that each instrument is in an open position.
2. Rinse soiled devices under running cold tap water for a minimum of 1 minute. Use a soft-bristle brush to assist in the removal of gross soil and debris. Don't use steel wool.
3. Soak device in fresh lukewarm enzymatic or low-alkaline (pH≤12) detergent solution for minimum 10 minutes. Follow the detergent manufacturer's instructions for use for correct time, temperature and concentration.
4. Rinse device with cold water for at least 30 seconds. Be sure to meticulously and vigorously flush parts that are hard to reach.
5. Prepare a fresh detergent solution using a non-foaming enzymatic or low-alkaline (pH≤12) detergent suitable for ultrasonic cleaning, with a temperature of 30-40 °C. Follow the detergent manufacturer's instructions for use for correct concentration. When using ultrasound for cleaning, instruments should be opened and completely covered with cleaning solution. Be careful to protect sharp instrument tips.
6. Clean the instruments ultrasonically for a minimum of 10 minutes, using a frequency of 35-45 kHz, 150W.
7. Prepare a new lukewarm enzymatic or low-alkaline (pH≤12) detergent solution. Use a soft bristle brush to gently scrub the devices below the water surface, until all visible dirt has been removed. Be extra careful with teeth, serrations, serrated handle parts and other parts that are more difficult to clean. Make sure to expose all areas to the detergent solution.
8. Rinse devices thoroughly with deionized (DI) or purified (PURW) water for at least 30 seconds. Be sure to meticulously and vigorously flush parts that are hard to reach. Make sure to expose all areas to the rinsing water.
9. Visually inspect the device. If any soil or chemicals remain on the device, repeat steps 2-8.
10. Perform a final rinse on the device using DI or PURW water, minimum 10 seconds.
11. Dry the device using a clean, soft, lint-free cloth or clean compressed air.

## Disinfection after manual and mechanical cleaning:

1. Soak or apply plentifully of ethanol (70%) on device, covering all surfaces. Actuate joints, handles and other movable device features to expose all areas to the ethanol, if applicable.
2. Leave to dry on a clean lint-free cloth or similar.

## Automated cleaning and disinfection:

Detergent: Enzymatic or low-alkaline (pH≤12) detergent suitable for cleaning in washer/disinfector. Follow producers' recommendations for concentration.

Equipment: Washer/disinfector validated according to EN ISO 15883.

Water quality: At least drinking water quality for cleaning and demineralized water for disinfection and final rinse.

Preparations for decontamination (as described above) must be performed prior to automated cleaning.

1. If any gross soil is visible on the devices, rinse device under running cold tap water for a minimum of 1 minute. Remove gross soil using a soft bristle brush. Be extra careful with teeth, serrations, serrated handle parts and other parts that are more difficult to clean.
2. Expose all areas of the instrument to the washing. Put all hinged instruments in open position, preferably on a support holding the instrument in an angled position.
3. Put the devices in an appropriate basket for the disinfector and run them through a standard cleaning cycle in the disinfector for devices.
4. The instruments should be removed from the machine immediately after finished program to prevent residual moisture from causing corrosion.

The following minimum parameters are crucial for accurate automated cleaning:

Step	Description
1. Pre rinse	2 min (x2), cold water
2. Cleaning	Minimum 10 minutes dish washing with enzymatic or mildly basic detergent at a concentration and temperature recommended by the detergent producer, however minimum 55 °C.
3. Post rinse	1 min (x2), warm water
4. Final rinse/disinfection	Use a rinse aid at a concentration and temperature recommended by the detergent producer. Disinfection with minimum 1 min 90 °C, final rinse with demineralized or pure water.
5. Drying	15 min hot air 110 °C

## Drying

If a dry cycle is not included in the automated cleaning:

- Dry each device thoroughly inside and out with a clean, soft, lint-free cloth, to prevent rusting and malfunction.
- Open and close devices so that all areas are reached.

## Inspection

Following to the cleaning/disinfection, after cooling down to room temperature, carefully examine each instrument for cleanliness, breaks, cracks, discoloration, corrosion, deformations and malfunctions. It is especially essential to check areas such as tips, teeth, cutting edges, ratchets, joints, screws and guide pin. On insulated forceps, it is critical to examine the insulation coating for cracks and loose ends of insulation. Instruments that are worn out, corroded, deformed or damaged in any other way must be sorted out.

## Lubricating

After the cleaning process, lubricate surfaces by applying a thin layer of oil where metal is in contact with metal (e.g. scissors blades, box locks, screw joints). Only use a medical grade white oil intended for surgical instruments. Remove excess oil to avoid oily instruments and stains on autoclave packaging.

## Function test

Carefully examine and check the function of each individual instrument before packaging.

## Packaging

Use standardized packaging for sterilized instruments in sterile bags acc. to EN ISO 11607-1. Any divergences from the recommended packaging must be validated.

Avoid overstressing the devices, such as placing heavy objects on top of the forceps.

## Sterilization:

Equipment: autoclave, validated according to EN ISO 17665-1, autoclaving bags/wrapping material for steam sterilization.

## Procedure:

- Wrapped instruments
- Minimum 3 minutes exposure to 134 °C steam (min 132 °C – max 137 °C)
- A minimum of 3-pulse fractionated vacuum cycle
- Drying for a minimum of 20 minutes

If using a sterilization container system, make sure to follow the manufacturer's instructions. An extended drying cycle may be needed to ensure proper drying. Remaining humidity in the container may cause discoloration or corrosion on the instruments.

## Storage and transportation

After sterilization, devices should remain in sterilization packaging and stored in a clean, dry and moisture free area. Protect tips, sharp edges etc. with tip protectors. Make sure that no chemicals are close to or in the storage area. Use closed containers to the reprocessing area to avoid any damage on the instruments or contamination to the environment.

## Material

### Stainless steel instruments

All STILLE surgical instruments are made according to EN ISO 7153-1:2016. The high-grade stainless steel used for manufacturing STILLE instruments create a passive layer as protection of the surface. The steel however is only to a certain extent resistant against chloride ions and water containing salts and minerals. Chloride ions mainly cause pitting and can also cause stress corrosion cracking. The greatest danger is water in which considerable quantities of common salts (sodium chloride) are dissolved.

### Titanium instruments

STILLE micro titanium instruments are made by the titanium alloy Ti6Al4V and can be handled and treated like steel instruments and no special precautions are needed. The handles on STILLE micro titanium instruments are anodised in blue colour for identification purpose.

## Warranty

STILLE AB warrants to the purchaser that its surgical hand instruments shall be free from defects in material and workmanship for a period of thirty (30) years after the date of STILLE AB's invoice. STILLE AB will repair or replace a damaged instrument free of charge if the damage is found to have been caused by a defect in material or workmanship. The warranty does not include normal wear and tear. The warranty is subject to the conditions that the instrument is used for the purpose intended, is cared for and stored according to our printed instructions and that any claims are made in writing within 30 days of the date the damage occurred. If instruments are repaired by any service supplier not authorized by STILLE AB, all warranties are void.

## Return and disposal of product

If returned for service/repair, the instruments must be cleaned and disinfected according to these instructions before sending back to STILLE AB or its authorized service partner. Non-processed instruments will not be serviced. Pack the instruments safely to protect them from any damage.

For disposal of defect or out-of-date instrument, disinfect it according to these instructions. The material is recyclable as metal.

## Explanation of used symbols

 REF Catalogue number

 LOT Batch code

 Manufacturer

 Date of manufacture

 Refer to instructions for use

 non-sterile product

 CE-mark

**Rx Only (USA)** Federal law restricts this device to sale by or on the order of a licensed healthcare practitioner

Remaining risks weighed against the benefits of the products have been treated and minimized in the risk management handling according to EN ISO 14971. New possible risks are continuously evaluated in the PMS process.

## Materials and machines used for the validation study

Ultrasound bath: isherBrand FB15054, 37 kHz

Detergent: Getinge Clean Enzymatic detergent 2 ml/l

Washer-disinfector: Steelco Lab600

Steam autoclave: Systec 60-DX

## Applicable standards

### EN ISO 17664

Processing of healthcare products – Information to be provided by the medical device manufacturer

### EN-ISO 17665-1

Sterilization of healthcare products – Moist heat – Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices

### EN-ISO 7153-1

Surgical Instruments – Materials – Part 1: Metals

### EN 285

Sterilization – Steam sterilizers – Large sterilizers

### EN ISO 15883

Washer – Disinfectors

## Manufacturer:

STILLE AB

Ekbacken 11

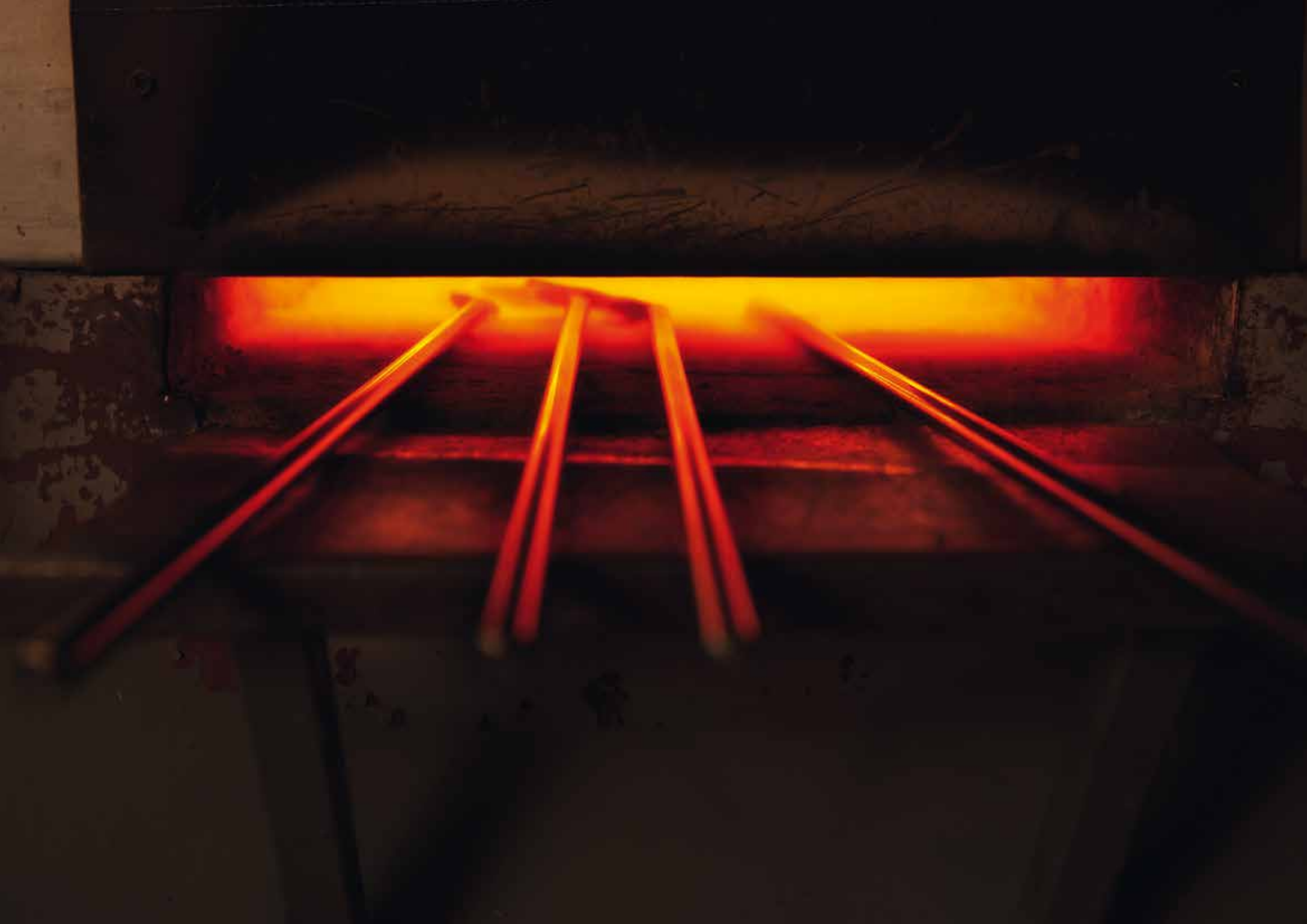
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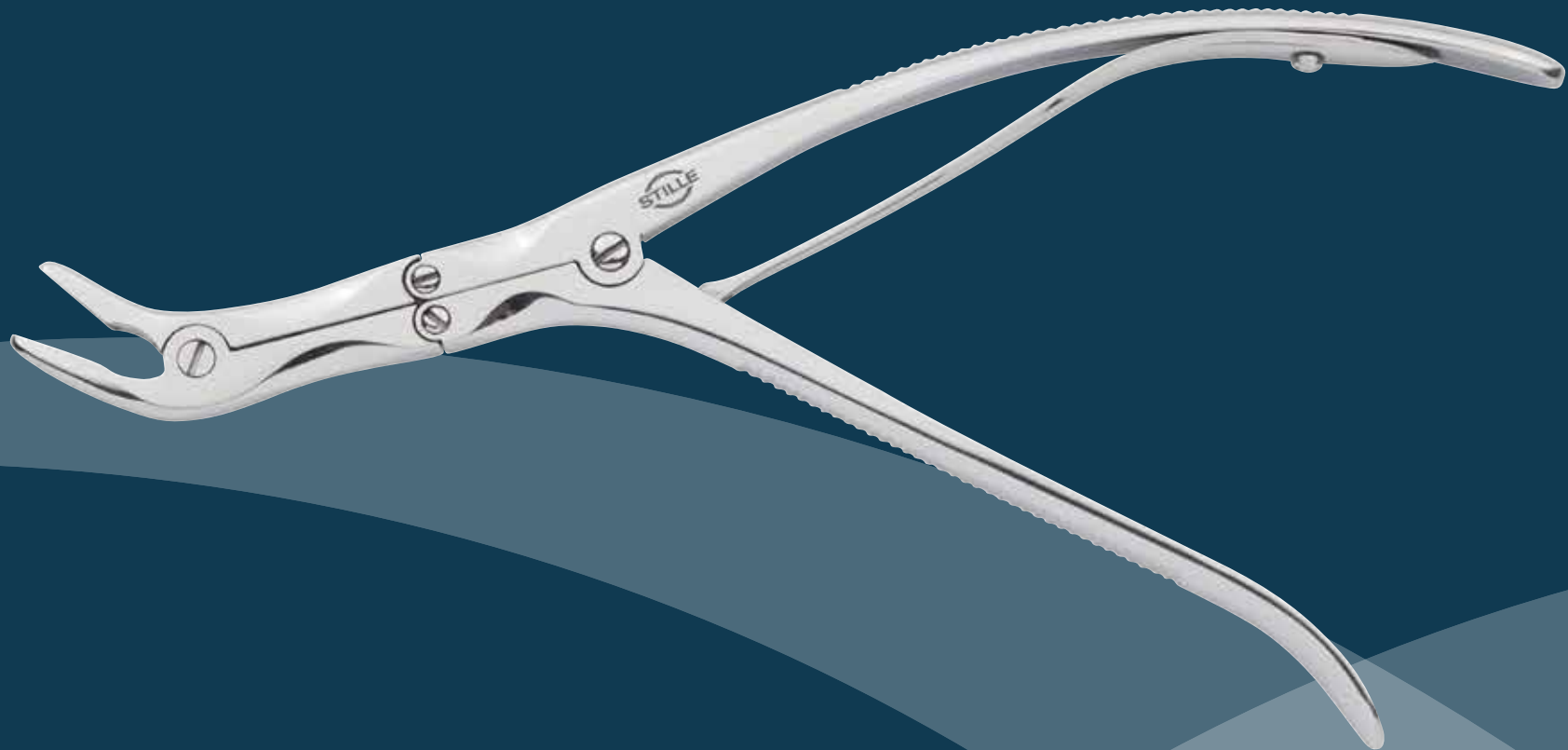






**DR. LARS LEKSELL**, professor i neurokirurgi vid Lunds universitet och Karolinska institutet, kirurg vid Serafimerlasarettet och Sundsvalls lasarett samt ledamot av Kungliga Vetenskapsakademien. Uppfann strålkniven Leksell Gamma Knife 1951. Utvecklade tillsammans med STILLE den mycket populära gougetången som bär namnet STILLE-Leksell.

**DR. LARS LEKSELL**, professor of neurosurgery at Lund University and the Karolinska Institute, surgeon at the Serafimer Hospital and Sundsvall Hospital and a member of the Royal Swedish Academy of Sciences. Inventor of the Leksell Gamma Knife in 1951. Developed in collaboration with STILLE the very popular gouge forceps bearing the name STILLE-Leksell.





## **STILLE Surgical Instruments**

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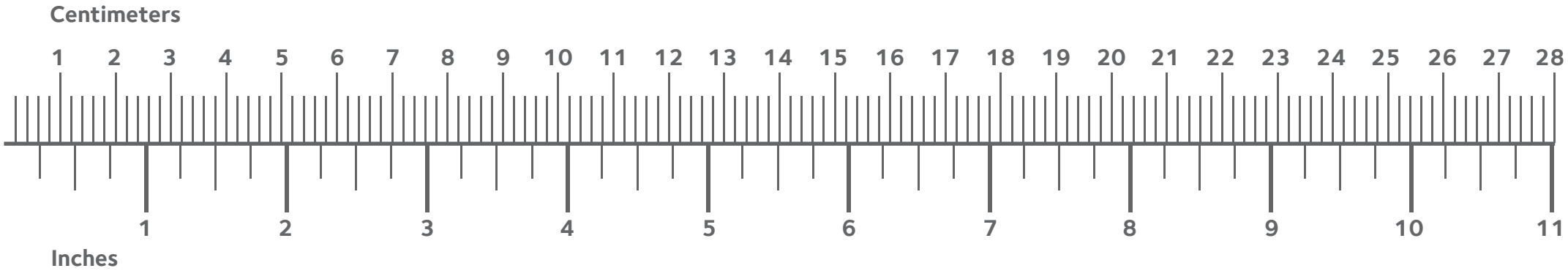


”Det var ett intensivt arbetsamt liv, som Albert Stille kunde blicka tillbaka på när han 1880 lämnade över den tekniska ledningen av sin firma till sonen Max. Från morgon till kväll var han på verkstaden och på kontoret, knappast unnande sig någon ro ens under måltiderna. Arbetet följdes av stor framgång tack vare hans gedigna kunskaper, hans utomordentliga skicklighet i yrket och hans konstnärssinne. När det gällde att finna på nya metoder och nya instrument svek aldrig hans intresse, och han lät sig ej avskräckas av någon svårighet.”

Ur ”STILLE 1841-1941 – Återblick på en hundraårig verksamhet”

”It was a hectic working life that Albert Stille looked back on in 1880 when he handed over the technical management of the company to his son Max. From morning to night he was at the shop and in the office, scarcely allowing himself to rest even at mealtime. The work was followed by great success due to his extensive knowledge, his outstanding skill in the profession and his inventive mind. When it came to finding new methods and new instruments his interest remained strong, and he allowed himself not to be discouraged by any difficulty that arose.”

From ”STILLE 1841-1941 - Flashback on a century of operation”

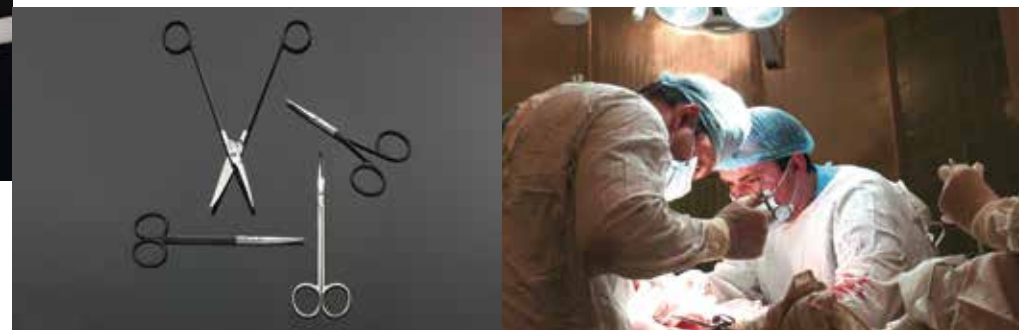




**HANTVERK HELA VÄGEN.** Att skapa kvalitetsinstrument är ett hantverk hela vägen – från instrumentmakaren till kirurgen. Passionen, yrkesskickligheten och fingertoppskänslan har de gemensamt. Och genom deras nära samarbete vidareutvecklas instrumenten. Sortimentet är specialiserat på tre områden – plastikkirurgi, ortopedi samt klassiska STILLE-instrument för flera olika kirurgiska discipliner. Gediget hantverk, suverän funktion och överlägsen kvalitet är de unika instrumentegenskaper som gör att STILLE efterfrågas av kirurger över hela världen.

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