



ENDOSKOPISCHE INSTRUMENTE
ENDOSCOPIC INSTRUMENTS

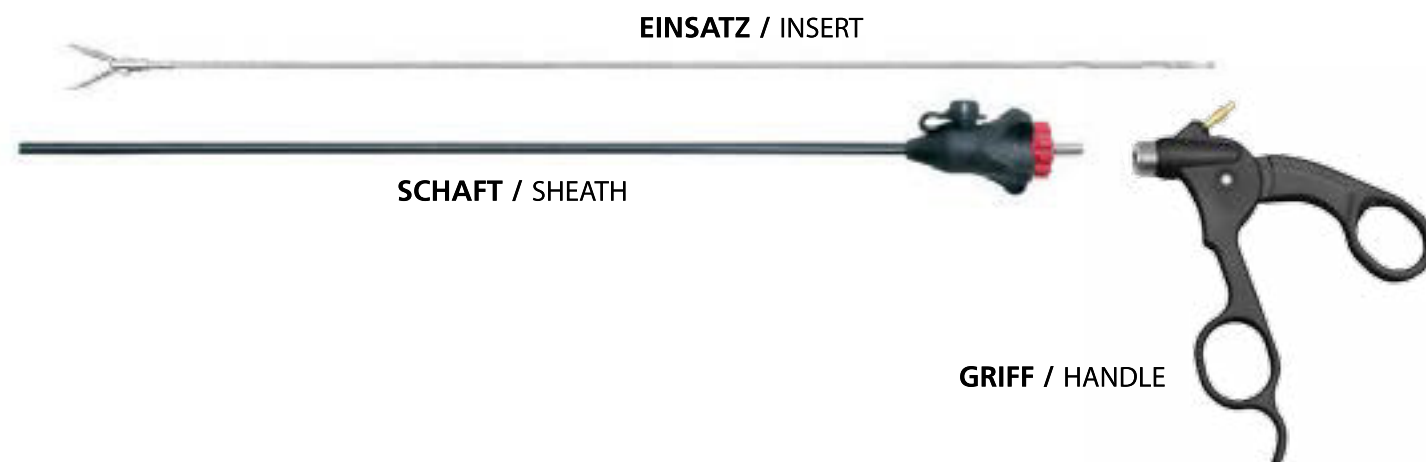
13

SECULOCK® | ENDO LOCK® | SYSTEM CS®

BITTE BEACHTEN SIE:
PLEASE NOTE:

Die zerlegbaren Instrumente von Ackermann
(SECULOCK®, ENDO LOCK® UND SYSTEM CS®
bestehen aus 3 Teilen:

*The detachable instruments of Ackermann
(SECULOCK®, ENDO LOCK® AND SYSTEM CS®
are consisting of 3 parts:*



Um ein komplettes Instrument zu erhalten,
müssen Sie immer die 3 oben stehenden Teile bestellen.

*To receive a complete instrument,
you always have to order the 3 parts above.*

BESTELLBEISPIEL: | ORDERING EXAMPLE:

13-1384SQ + 13-1356SQ + 13-1318SQI

SECULOCK®



ACKERMANN INSTRUMENTE STELLT DIE NEUE SECULOCK® LAPAROSKOPISCHE INSTRUMENTENLINIE VOR.
ACKERMANN INSTRUMENTS INTRODUCES IT'S NEW SECULOCK® LAPAROSCOPIC INSTRUMENT LINE.

Unsere SECULOCK® Instrumente übertreffen an Qualität und Benutzerfreundlichkeit jede andere Produktlinie, die gegenwärtig im endoskopischen Markt angeboten wird. Einige Highlights sind z. B. Schäfte mit Spülkanal, der eine schnelle und einfache Reinigung ermöglicht, die Maulteile aus einem speziellen Edelstahl sind jetzt noch härter, bruchfester und korrosionsbeständiger. Der Clou ist jedoch die einzigartige Bayonett-Verriegelung, welche die Montage sicher, aber so viel einfacher macht.

Nur der ständige Dialog mit Anwendern kombiniert mit unseren fast 50 Jahren Erfahrung und eine konsequente, ständige Weiterentwicklung haben diese herausragenden modularen Instrumente ermöglicht. SECULOCK® bedeutet: einen Schritt voraus sein.

In terms of quality and handling these instruments surpass any other product line in the endoscopic market today. Some highlights include a cleaning port, which allows easy and time saving reprocessing, without taking the instrument apart, or jaws made out of a special stainless steel, making them even harder and better resistant against torque, tension and corrosion. The clou, however, is the new and unique bayonet coupling, which makes assembly safe but so much easier.

Permanent dialogue with users in combination with our almost 50 years experience and a continuous development have made this exceptional modular instrument line possible. That's why using SECULOCK® means being one step ahead.

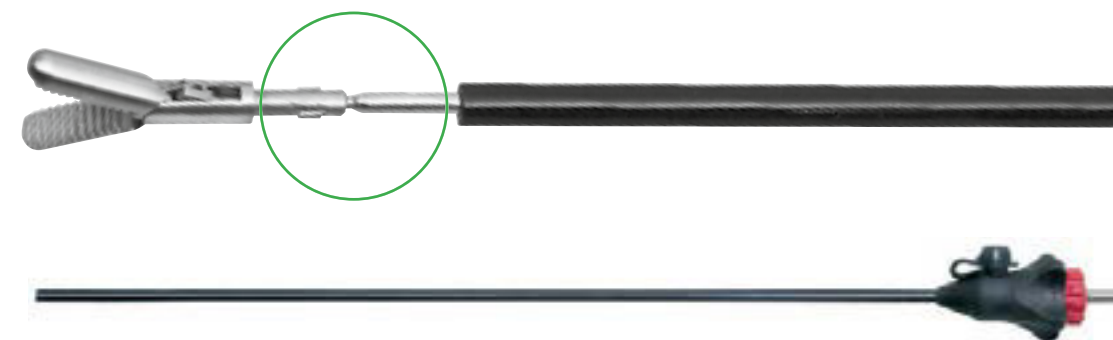
SECULOCK®

SECULOCK® INSTRUMENTE AUS TRADITION SEIT 1954
SECULOCK® CONTRIBUTION TO CRAFTSMANSHIP SINCE 1954

- ▶ drehbar
- ▶ zerlegbar (Handgriff, Schaft and Arbeitsteil)
- ▶ mit Spülkanal
- ▶ einzigartige Bayonett-Verriegelung
- ▶ Edelstahlgriffe innen isoliert
- ▶ HF-Anschluß oben am Handgriff (45°)
- ▶ Kabel-Knickschutz
- ▶ Längen: 360 mm und 450 mm – dadurch kein Problem mit bariatrischen Patienten
- ▶ ergonomisch optimale Handgriffe in verschiedenen Ausführungen für jede Hand in groß und klein
- ▶ 360° Rotation, optimale Positionierung
- ▶ überall glatte Flächen – keine Chance für Ablagerungen von Blut oder Geweberesten
- ▶ zeitsparend dank einfachster Reinigung und Montage
- ▶ höchste Lebensdauer, auch bei Dampfsterilisation
- ▶ kostensparend – reduziert die Kosten / Anwendung und die Inventarkosten
- ▶ fast keine Bevorratung nötig verglichen mit Einweginstrumenten
- ▶ umweltschonend – durch höchste Lebensdauer
- ▶ rotatable
- ▶ demountable (handle, sheath and insert)
- ▶ flushable
- ▶ with unique bayonet coupling
- ▶ stainless steel handles with internal insulation
- ▶ 45° handle-top HF-port
- ▶ cable protection
- ▶ length 360 mm and 450 mm – no problem with obese patients
- ▶ most ergonomic handles in different styles for everybody's hand large and small
- ▶ 360° rotation, no increments to distort positioning
- ▶ no hidden spaces to accommodate blood and debris
- ▶ time saving – through easy cleaning and assembly
- ▶ highest durability, even if autoclaved
- ▶ cost effective – SECULOCK® design reduces cost per case and inventory management
- ▶ virtually no stock needed if compared to disposable instruments
- ▶ environment – friendly due to its outstanding durability



SECULOCK®



		normal length
13-1356SQ	5 mm Schäfte mit Reinigungskanal	330 mm
13-1356SQ-26	5 mm sheaths with cleaning channel	260 mm
13-1356SQ-45		450 mm
13-1357SQ	10 mm Schäfte mit Reinigungskanal	330 mm
13-1357SQ-26	10 mm sheaths with cleaning channel	260 mm
13-1357SQ-45		450 mm

NOTE: the length is normal length, actual length is longer on SQ models (+ 50 mm)

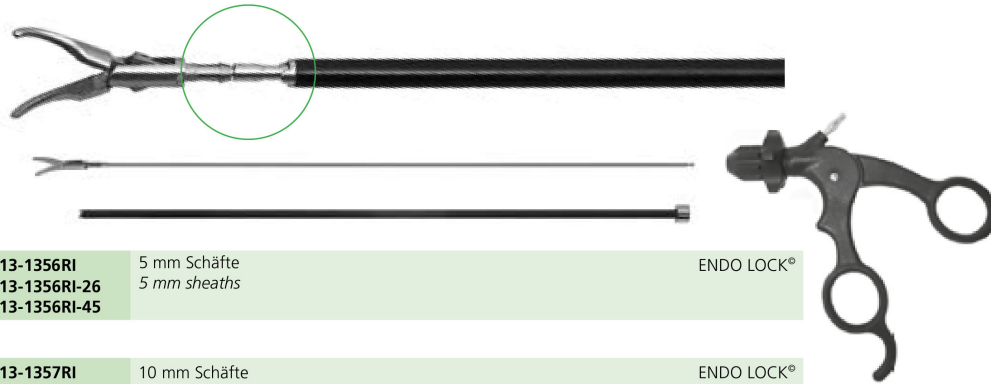
13-1360SQ	Sperren / Standard Griff Kombination Ratchet / standard handle combination
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13-1383SQ	Festigkeitsverstärkter Kohlefasersicherheitshandgriff, nicht leitend Carbon fibre handle, non conductive
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13-1384SQ	Festigkeitsverstärkter Kohlefasersicherheitshandgriff, nicht leitend, mit Sperre Carbon fibre handle, non conductive, with ratchet
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ENDO LOCK®



13-1356RI 5 mm Schäfte
13-1356RI-26 5 mm sheaths
13-1356RI-45 ENDO LOCK®

13-1357RI 10 mm Schäfte
13-1357RI-26 10 mm sheaths
13-1357RI-45 ENDO LOCK®

13-1355i Schraube
 Screw ENDO LOCK®



13-1358AXDI Axialhandgriff für Endo-Lock-System mit Daumensperre
 Axial handle for Endo Lock Instruments, thumb release ENDO LOCK®

ENDO LOCK®

13-1360 Sperre / Standard Griff Kombination
 Ratchet / standard handle combination ENDO LOCK®

13-1361SiTi Standardgriff, mit Sperre, isoliert
 Standard handle, with ratchet, insulated ENDO LOCK®

13-1362SiTi Standardgriff, mit Fingerstütze und Sperre, isoliert
 Standard handle, with finger tang and ratchet, insulated ENDO LOCK®

13-1363SRi Standardgriff, mit Fingerstütze und Sperre, nicht isoliert
 Standard handle, with finger tang and ratchet, non insulated ENDO LOCK®

13-1364Si Standardgriff, mit Fingerstütze, nicht isoliert
 Standard handle, with finger tang, non insulated ENDO LOCK®

13-1366Si Standardgriff, mit Fingerstütze, isoliert
 Standard handle, with finger tang, insulated ENDO LOCK®



RCF HANDLES® ENDO LOCK®

13-1367RCFi Festigkeitsverstärkter Kohlefasersicherheitshandgriff, nicht leitend
Carbon fibre reinforced, non conductive, safety handle

ENDO LOCK®



13-1368RCFi Festigkeitsverstärkter Kohlefasersicherheitshandgriff, nicht leitend, mit Sperre
Carbon fibre reinforced, non conductive, safety handle, ratchet

ENDO LOCK®



13-1369FRi Französisches Modell, als Klappsperrrengriff, nicht leitend
French ratchet type handle, non conductive

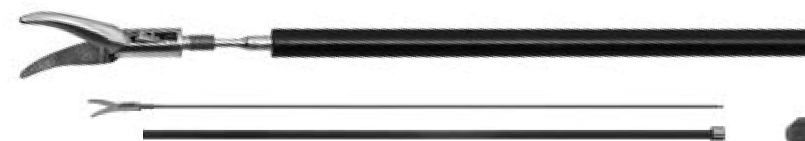
ENDO LOCK®



SYSTEM CS®

Ackermanns Konzept von System CS®, einer besonders preisgünstigen Linie von Endoskopie Instrumenten
Ackermanns Concept of System CS®, Economy Line of Endoscopic Instruments

- ▶ Schraubmodell
- ▶ Unschlagbarer Preis
- ▶ Vollkommen drehbare Instrumente
- ▶ Reinigungskanal
- ▶ Fingerstütze am Handgriff
- ▶ Hervorragende Qualität
- ▶ Vollkommen wiederverwendbar
- ▶ Screw apart
- ▶ Unbeatable price
- ▶ Fully rotatable
- ▶ Flushing channel
- ▶ Finger tang handle
- ▶ Excellent quality
- ▶ Fully reusable



13-1356CS	5 mm Schaft für Schraubsystem	330 mm	System CS®
13-1356CS-26	5 mm sheath for screw system	260 mm	
13-1356CS-45		450 mm	
13-1357CS	10 mm Schaft für Schraubsystem	330 mm	System CS®
13-1357CS-26	10 mm sheath for screw system	260 mm	
13-1357CS-45		450 mm	

13-1367CS Festigkeitsverstärker Kohlefasersicherheitshandgriff, nicht leitend
Carbon Fibre handle, non conductive

System CS®



13-1368CS Festigkeitsverstärker Kohlefasersicherheitshandgriff, nicht leitend, mit Sperre
Carbon Fibre handle, non conductive, with ratchet

System CS®



13-1369CS Französisches Modell, nicht leitend
French ratchet type handle, non conductive

System CS®



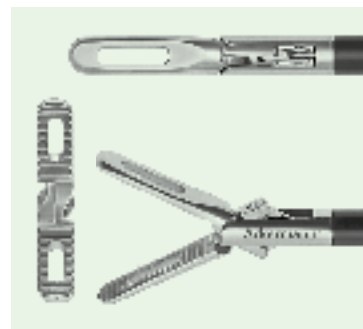
GREIFZANGEN | GRASPING FORCEPS



13-1379

Gefensterte Greifzange, 5 mm, Mikromaulteil
Fenestrated grasping forceps, 5 mm, micro jaw

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1379SQi-26	13-1379SQi	13-1379SQi-45
ENDO LOCK®	13-1379i-26	13-1379i	13-1379i-45
System CS®	13-1379CSi-26	13-1379CSi	13-1379CSi-45
System A®	13-1379A-26	13-1379A	13-1379A-45



13-1301

Gefensterte Greifzange, 5 mm, flache Maulseite
Fenestrated grasping forceps, 5 mm, slightly flat jaws

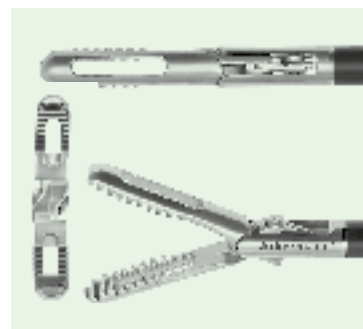
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1301SQi-26	13-1301SQi	13-1301SQi-45
ENDO LOCK®	13-1301i-26	13-1301i	13-1301i-45
System CS®	13-1301CSi-26	13-1301CSi	13-1301CSi-45
System A®	13-1301A-26	13-1301A	13-1301A-45



13-1382

Gefensterte Greifzange, 5 mm x 20 mm, rund, mit Querzähnen
Fenestrated grasping forceps, 5 mm x 20 mm, round, with cross serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1382SQi-26	13-1382SQi	13-1382SQi-45
ENDO LOCK®	13-1382i-26	13-1382i	13-1382i-45
System CS®	13-1382CSi-26	13-1382CSi	13-1382CSi-45
System A®	13-1382A-26	13-1382A	13-1382A-45



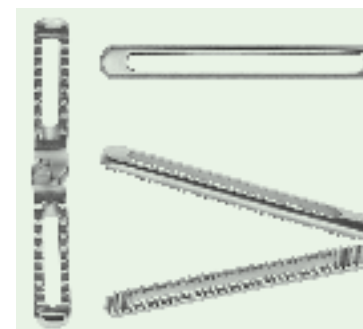
13-1323

Endo Clinch, 5 mm, mit extrem atraumatischer Verzahnung
Endo Clinch, 5 mm, extremely atraumatic serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1323SQi-26	13-1323SQi	13-1323SQi-45
ENDO LOCK®	13-1323i-26	13-1323i	13-1323i-45
System CS®	13-1323CSi-26	13-1323CSi	13-1323CSi-45
System A®	13-1323A-26	13-1323A	13-1323A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1343

Gefensterte Klemme, 5 mm, Maulteile 40 mm lang
Fenestrated clamp, 5 mm, jaw length 40 mm

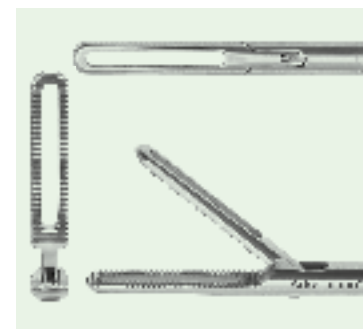
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1343SQi-26	13-1343SQi	13-1343SQi-45
ENDO LOCK®	13-1343i-26	13-1343i	13-1343i-45
System CS®	13-1343CSi-26	13-1343CSi	13-1343CSi-45
System A®	13-1343A-26	13-1343A	13-1343A-45



13-1311

Johan Greifzange, 5 mm, flache Maulteile, 15 mm lang
Johan grasping forceps, 5 mm, slightly flat jaws, length 15 mm

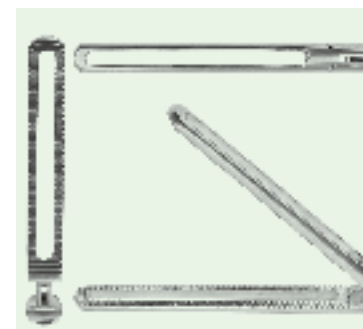
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1311SQi-26	13-1311SQi	13-1311SQi-45
ENDO LOCK®	13-1311i-26	13-1311i	13-1311i-45
System CS®	13-1311CSi-26	13-1311CSi	13-1311CSi-45
System A®	13-1311A-26	13-1311A	13-1311A-45



13-1312

Johan Greifzange, 5 mm, flache Maulteile, 22 mm lang
Johan grasping forceps, 5 mm, slightly flat jaws, length 22 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1312SQi-26	13-1312SQi	13-1312SQi-45
ENDO LOCK®	13-1312i-26	13-1312i	13-1312i-45
System CS®	13-1312CSi-26	13-1312CSi	13-1312CSi-45
System A®	13-1312A-26	13-1312A	13-1312A-45



13-1313

Johan Greifzange, 5 mm, flache Maulteile, 38 mm lang
Johan grasping forceps, 5 mm, slightly flat jaws, length 38 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1313SQi-26	13-1313SQi	13-1313SQi-45
ENDO LOCK®	13-1313i-26	13-1313i	13-1313i-45
System CS®	13-1313CSi-26	13-1313CSi	13-1313CSi-45
System A®	13-1313A-26	13-1313A	13-1313A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



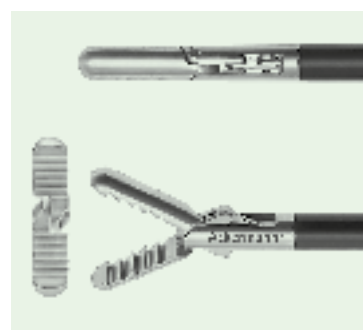
13-1300 Tumor-Graspers, 5 mm, blunt end <i>Tumor graspers, 5 mm, blunt end</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1300SQi-26	13-1300SQi	13-1300SQi-45	
ENDO LOCK®	13-1300i-26	13-1300i	13-1300i-45	
System CS®	13-1300CSi-26	13-1300CSi	13-1300CSi-45	
System A®	13-1300A-26	13-1300A	13-1300A-45	



13-1377 Graspers, 5 mm, atraumatic serrated <i>Grasping forceps, 5 mm, atraumatic serrated</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1377SQi-26	13-1377SQi	13-1377SQi-45	
ENDO LOCK®	13-1377i-26	13-1377i	13-1377i-45	
System CS®	13-1377CSi-26	13-1377CSi	13-1377CSi-45	
System A®	13-1377A-26	13-1377A	13-1377A-45	



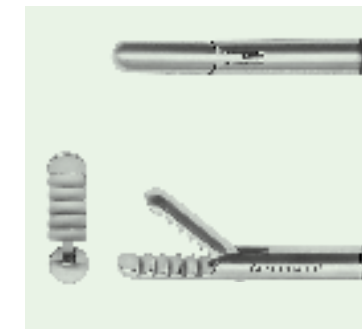
13-1302 Maxi Fundus Graspers, 5 mm, maximized grip <i>Maxi Fundus type graspers, 5 mm, maximized grip</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1302SQi-26	13-1302SQi	13-1302SQi-45	
ENDO LOCK®	13-1302i-26	13-1302i	13-1302i-45	
System CS®	13-1302CSi-26	13-1302CSi	13-1302CSi-45	
System A®	13-1302A-26	13-1302A	13-1302A-45	



13-1303 Strong Graspers, 5 mm, double action version <i>Strong graspers, 5 mm, double action version</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1303SQi-26	13-1303SQi	13-1303SQi-45	
ENDO LOCK®	13-1303i-26	13-1303i	13-1303i-45	
System CS®	13-1303CSi-26	13-1303CSi	13-1303CSi-45	
System A®	13-1303A-26	13-1303A	13-1303A-45	

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1600 Strong Graspers, 5 mm, single action version <i>Strong graspers, 5 mm, single action version</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1600SQi-26	13-1600SQi	13-1600SQi-45	
ENDO LOCK®	13-1600i-26	13-1600i	13-1600i-45	
System CS®	13-1600CSi-26	13-1600CSi	13-1600CSi-45	
System A®	13-1600A-26	13-1600A	13-1600A-45	



13-1330 Alligator Graspers, 5 mm <i>Alligator grasping forceps, 5 mm</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1330SQi-26	13-1330SQi	13-1330SQi-45	
ENDO LOCK®	13-1330i-26	13-1330i	13-1330i-45	
System CS®	13-1330CSi-26	13-1330CSi	13-1330CSi-45	
System A®	13-1330A-26	13-1330A	13-1330A-45	



13-1354 Standard Grasper, 5 mm, cross serrated <i>Standard grasper, 5 mm, cross serrated</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1354SQi-26	13-1354SQi	13-1354SQi-45	
ENDO LOCK®	13-1354i-26	13-1354i	13-1354i-45	
System CS®	13-1354CSi-26	13-1354CSi	13-1354CSi-45	
System A®	13-1354A-26	13-1354A	13-1354A-45	



13-1335 Reddick Grasper, 5 mm <i>Reddick grasper, 5 mm</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1335SQi-26	13-1335SQi	13-1335SQi-45	
ENDO LOCK®	13-1335i-26	13-1335i	13-1335i-45	
System CS®	13-1335CSi-26	13-1335CSi	13-1335CSi-45	
System A®	13-1335A-26	13-1335A	13-1335A-45	

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1421 Duckbill Greifzange, quergezahnt, 5 mm
Duckbill forceps, cross serrated, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1421SQi-26	13-1421SQi	13-1421SQi-45
ENDO LOCK®	13-1421i-26	13-1421i	13-1421i-45
System CS®	13-1421CSi-26	13-1421CSi	13-1421CSi-45
System A®	13-1421A-26	13-1421A	13-1421A-45



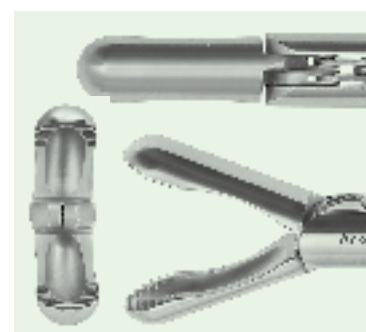
13-1305 Greifzange, 5 mm, gerundete Maulteile
Grasping forceps, 5 mm, rounded jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1305SQi-26	13-1305SQi	13-1305SQi-45
ENDO LOCK®	13-1305i-26	13-1305i	13-1305i-45
System CS®	13-1305CSi-26	13-1305CSi	13-1305CSi-45
System A®	13-1305A-26	13-1305A	13-1305A-45



13-1310 Greifer, 5 mm, mit Löffel
Grasper, 5 mm, with spoon

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1310SQi-26	13-1310SQi	13-1310SQi-45
ENDO LOCK®	13-1310i-26	13-1310i	13-1310i-45
System CS®	13-1310CSi-26	13-1310CSi	13-1310CSi-45
System A®	13-1310A-26	13-1310A	13-1310A-45



13-1378 Greifzange, 10 mm, gezahnt
Grasping forceps, 10 mm, serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1378SQi-26	13-1378SQi	13-1378SQi-45
ENDO LOCK®	13-1378i-26	13-1378i	13-1378i-45
System CS®	13-1378CSi-26	13-1378CSi	13-1378CSi-45
System A®	13-1378A-26	13-1378A	13-1378A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



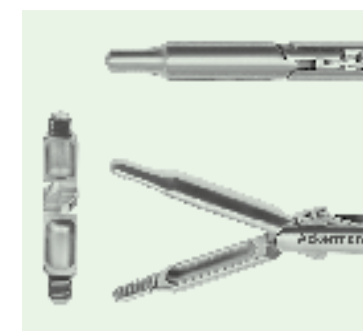
13-1315 Greifzange, 5 mm, mit Löffel, spitze Version
Grasper, 5 mm, with spoon, pointed version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1315SQi-26	13-1315SQi	13-1315SQi-45
ENDO LOCK®	13-1315i-26	13-1315i	13-1315i-45
System CS®	13-1315CSi-26	13-1315CSi	13-1315CSi-45
System A®	13-1315A-26	13-1315A	13-1315A-45



13-1409 Delphinmaul, 5 mm, kurze Ausführung
Dolphin nose, 5 mm, short version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1409SQi-26	13-1409SQi	13-1409SQi-45
ENDO LOCK®	13-1409i-26	13-1409i	13-1409i-45
System CS®	13-1409CSi-26	13-1409CSi	13-1409CSi-45
System A®	13-1409A-26	13-1409A	13-1409A-45



13-1416 Delphinmaul, 5 mm, lange Ausführung
Dolphin nose, 5 mm, long version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1416SQi-26	13-1416SQi	13-1416SQi-45
ENDO LOCK®	13-1416i-26	13-1416i	13-1416i-45
System CS®	13-1416CSi-26	13-1416CSi	13-1416CSi-45
System A®	13-1416A-26	13-1416A	13-1416A-45



13-1316 Kocher, 5 mm, 1 x 2 Zähne
Kocher, 5 mm, 1 x 2 teeth

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1316SQi-26	13-1316SQi	13-1316SQi-45
ENDO LOCK®	13-1316i-26	13-1316i	13-1316i-45
System CS®	13-1316CSi-26	13-1316CSi	13-1316CSi-45
System A®	13-1316A-26	13-1316A	13-1316A-45

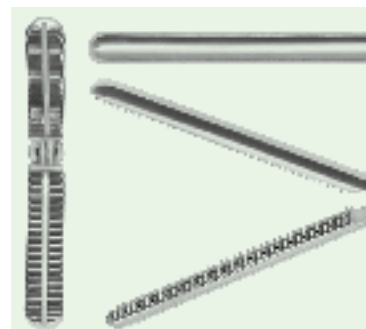
NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1324 Starke atraumatische Greifzange, 10 mm, gebogen
Strong atraumatic clamp, 10 mm, curved

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1324SQi-26	13-1324SQi	13-1324SQi-45
ENDO LOCK®	13-1324i-26	13-1324i	13-1324i-45
System CS®	13-1324CSi-26	13-1324CSi	13-1324CSi-45
System A®	13-1324A-26	13-1324A	13-1324A-45



13-1327 Starke atraumatische Greifzange, 10 mm, gerade
Strong atraumatic clamp, 10 mm, straight

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1327SQi-26	13-1327SQi	13-1327SQi-45
ENDO LOCK®	13-1327i-26	13-1327i	13-1327i-45
System CS®	13-1327CSi-26	13-1327CSi	13-1327CSi-45
System A®	13-1327A-26	13-1327A	13-1327A-45



13-1325 Atraumatischer Greifer, 5 mm, einfach beweglich
Atraumatic grasper, 5 mm, single action

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1325SQi-26	13-1325SQi	13-1325SQi-45
ENDO LOCK®	13-1325i-26	13-1325i	13-1325i-45
System CS®	13-1325CSi-26	13-1325CSi	13-1325CSi-45
System A®	13-1325A-26	13-1325A	13-1325A-45

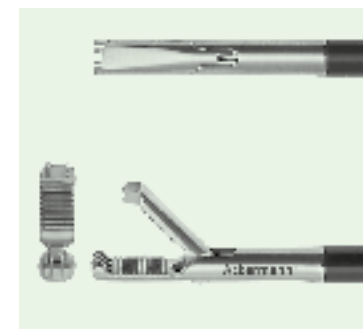


13-1413 Atraumatischer Greifer, 5 mm, diamant gezahnt
Atraumatic grasper, 5 mm, diamond serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1413SQi-26	13-1413SQi	13-1413SQi-45
ENDO LOCK®	13-1413i-26	13-1413i	13-1413i-45
System CS®	13-1413CSi-26	13-1413CSi	13-1413CSi-45
System A®	13-1413A-26	13-1413A	13-1413A-45

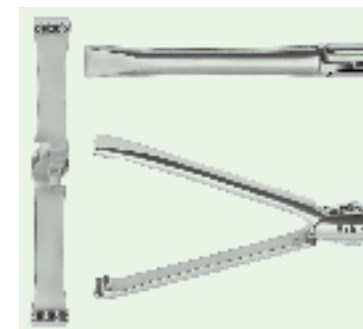
NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1326 Scharfer atraumatischer Greifer Manhes, 5 mm, einfach beweglich
Sharp atraumatic grasper, 5 mm, single action

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1326SQi-26	13-1326SQi	13-1326SQi-45
ENDO LOCK®	13-1326i-26	13-1326i	13-1326i-45
System CS®	13-1326CSi-26	13-1326CSi	13-1326CSi-45
System A®	13-1326A-26	13-1326A	13-1326A-45



13-1329 Allis atraumatische Greifzange, 5 mm, Hartmetall
Allis atraumatic grasper, 5 mm, TC inserted jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1329SQi-26	13-1329SQi	13-1329SQi-45
ENDO LOCK®	13-1329i-26	13-1329i	13-1329i-45
System CS®	13-1329CSi-26	13-1329CSi	13-1329CSi-45
System A®	13-1329A-26	13-1329A	13-1329A-45



13-1337 Allis Faßzange, 5 mm, abgerundete Version
Allis grasping forceps, 5 mm, rounded version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1337SQi-26	13-1337SQi	13-1337SQi-45
ENDO LOCK®	13-1337i-26	13-1337i	13-1337i-45
System CS®	13-1337CSi-26	13-1337CSi	13-1337CSi-45
System A®	13-1337A-26	13-1337A	13-1337A-45



13-1350 Allis, 5 mm, einfach beweglich, kurze Ausführung
Allis, 5 mm, single action, short version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1350SQi-26	13-1350SQi	13-1350SQi-45
ENDO LOCK®	13-1350i-26	13-1350i	13-1350i-45
System CS®	13-1350CSi-26	13-1350CSi	13-1350CSi-45
System A®	13-1350A-26	13-1350A	13-1350A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1418 Allis, atraumatischer Greifer, 5 mm, 3 x 4 Zähne, doppelbeweglich
Allis, atraumatic grasper, 5 mm, 3 x 4 teeth, double action

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1418SQi-26	13-1418SQi	13-1418SQi-45
ENDO LOCK®	13-1418i-26	13-1418i	13-1418i-45
System CS®	13-1418CSi-26	13-1418CSi	13-1418CSi-45
System A®	13-1418A-26	13-1418A	13-1418A-45



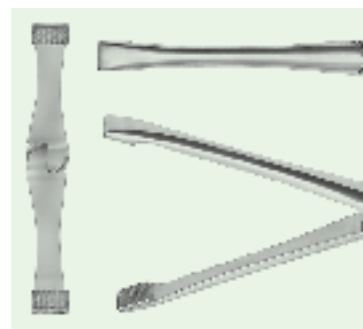
13-1510 Allis, 10 mm, feine Axial-Zahnung
Allis, 10 mm, fine axial serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1510SQi-26	13-1510SQi	13-1510SQi-45
ENDO LOCK®	13-1510i-26	13-1510i	13-1510i-45
System CS®	13-1510CSi-26	13-1510CSi	13-1510CSi-45
System A®	13-1510A-26	13-1510A	13-1510A-45



13-1515 Allis, 5 mm, feine Axial-Zahnung
Allis, 5 mm, fine axial serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1515SQi-26	13-1515SQi	13-1515SQi-45
ENDO LOCK®	13-1515i-26	13-1515i	13-1515i-45
System CS®	13-1515CSi-26	13-1515CSi	13-1515CSi-45
System A®	13-1515A-26	13-1515A	13-1515A-45

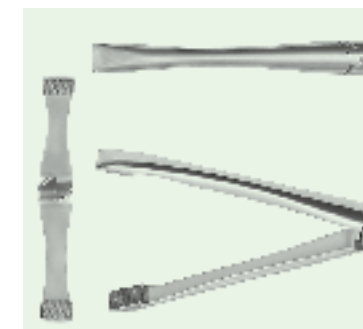


13-1530 TC Allis, 10 mm, Diamant-Zahnung
TC Allis, 10 mm, diamond serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1530SQi-26	13-1530SQi	13-1530SQi-45
ENDO LOCK®	13-1530i-26	13-1530i	13-1530i-45
System CS®	13-1530CSi-26	13-1530CSi	13-1530CSi-45
System A®	13-1530A-26	13-1530A	13-1530A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1535 TC Allis, 5 mm, Diamant-Zahnung
TC Allis, 5 mm, diamond serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1535SQi-26	13-1535SQi	13-1535SQi-45
ENDO LOCK®	13-1535i-26	13-1535i	13-1535i-45
System CS®	13-1535CSi-26	13-1535CSi	13-1535CSi-45
System A®	13-1535A-26	13-1535A	13-1535A-45



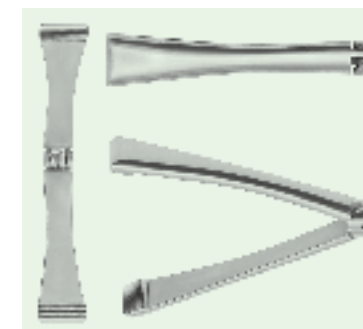
13-1339 T-geformte Klemme, 10 mm
T-shape forceps, 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1339SQi-26	13-1339SQi	13-1339SQi-45
ENDO LOCK®	13-1339i-26	13-1339i	13-1339i-45
System CS®	13-1339CSi-26	13-1339CSi	13-1339CSi-45
System A®	13-1339A-26	13-1339A	13-1339A-45



13-1328 T-geformte atraumatische Klemme, 10 mm, Hartmetall
T-shape atraumatic forceps, 10 mm, TC inserted jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1328SQi-26	13-1328SQi	13-1328SQi-45
ENDO LOCK®	13-1328i-26	13-1328i	13-1328i-45
System CS®	13-1328CSi-26	13-1328CSi	13-1328CSi-45
System A®	13-1328A-26	13-1328A	13-1328A-45



13-1342 T-geformte Klemme, 10 mm, atraumatische Zahnung
T-shape forceps, 10 mm, atraumatic serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1342SQi-26	13-1342SQi	13-1342SQi-45
ENDO LOCK®	13-1342i-26	13-1342i	13-1342i-45
System CS®	13-1342CSi-26	13-1342CSi	13-1342CSi-45
System A®	13-1342A-26	13-1342A	13-1342A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1520 De Bakey, 10 mm, atraumatische Zahnung
De Bakey, 10 mm, atraumatic serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1520SQi-26	13-1520SQi	13-1520SQi-45
ENDO LOCK®	13-1520i-26	13-1520i	13-1520i-45
System CS®	13-1520CSi-26	13-1520CSi	13-1520CSi-45
System A®	13-1520A-26	13-1520A	13-1520A-45



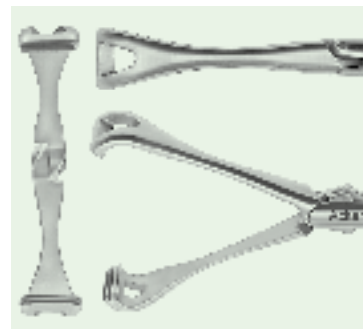
13-1525 De Bakey, 5 mm, atraumatische Zahnung
De Bakey, 5 mm, atraumatic serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1525SQi-26	13-1525SQi	13-1525SQi-45
ENDO LOCK®	13-1525i-26	13-1525i	13-1525i-45
System CS®	13-1525CSi-26	13-1525CSi	13-1525CSi-45
System A®	13-1525A-26	13-1525A	13-1525A-45



13-1331 Babcock atraumatische Greifzange, 10 mm, Hartmetall
Babcock atraumatic clamp, 10 mm, TC inserted jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1331SQi-26	13-1331SQi	13-1331SQi-45
ENDO LOCK®	13-1331i-26	13-1331i	13-1331i-45
System CS®	13-1331CSi-26	13-1331CSi	13-1331CSi-45
System A®	13-1331A-26	13-1331A	13-1331A-45



13-1341 Babcock, 10 mm
Babcock, 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1341SQi-26	13-1341SQi	13-1341SQi-45
ENDO LOCK®	13-1341i-26	13-1341i	13-1341i-45
System CS®	13-1341CSi-26	13-1341CSi	13-1341CSi-45
System A®	13-1341A-26	13-1341A	13-1341A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1540 Babcock, 10 mm
Babcock, 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1540SQi-26	13-1540SQi	13-1540SQi-45
ENDO LOCK®	13-1540i-26	13-1540i	13-1540i-45
System CS®	13-1540CSi-26	13-1540CSi	13-1540CSi-45
System A®	13-1540A-26	13-1540A	13-1540A-45



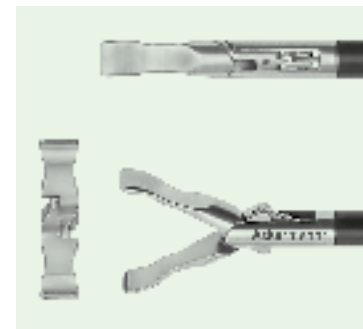
13-1541 Babcock, 5 mm
Babcock, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1541SQi-26	13-1541SQi	13-1541SQi-45
ENDO LOCK®	13-1541i-26	13-1541i	13-1541i-45
System CS®	13-1541CSi-26	13-1541CSi	13-1541CSi-45
System A®	13-1541A-26	13-1541A	13-1541A-45



13-1542 Babcock - De Bakey, 5 mm
Babcock - De Bakey, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1542SQi-26	13-1542SQi	13-1542SQi-45
ENDO LOCK®	13-1542i-26	13-1542i	13-1542i-45
System CS®	13-1542CSi-26	13-1542CSi	13-1542CSi-45
System A®	13-1542A-26	13-1542A	13-1542A-45

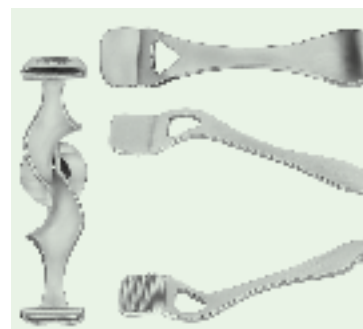


13-1543 Babcock, kurze Ausführung, für delikate Anwendungen, 5 mm
Babcock, short version, for delicate applications, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1543SQi-26	13-1543SQi	13-1543SQi-45
ENDO LOCK®	13-1543i-26	13-1543i	13-1543i-45
System CS®	13-1543CSi-26	13-1543CSi	13-1543CSi-45
System A®	13-1543A-26	13-1543A	13-1543A-45

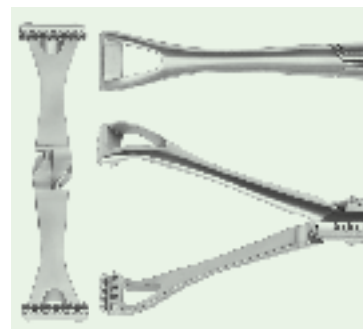
NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



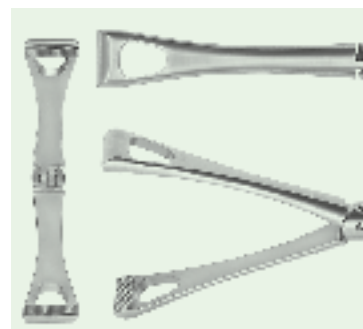
13-1544 US Babcock, federnd, sehr flexibel und atraumatisch, 10 mm
US Babcock, with spring tension, flexible and atraumatic, 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1544SQi-26	13-1544SQi	13-1544SQi-45
ENDO LOCK®	13-1544i-26	13-1544i	13-1544i-45
System CS®	13-1544CSi-26	13-1544CSi	13-1544CSi-45
System A®	13-1544A-26	13-1544A	13-1544A-45



13-1545 Babcock - De Bakey, 10 mm, atraumatische Zahnung
Babcock - De Bakey, 10 mm, atraumatic serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1545SQi-26	13-1545SQi	13-1545SQi-45
ENDO LOCK®	13-1545i-26	13-1545i	13-1545i-45
System CS®	13-1545CSi-26	13-1545CSi	13-1545CSi-45
System A®	13-1545A-26	13-1545A	13-1545A-45



13-1580 Duval, 10 mm, mit Axial Zahnung, 40 mm Maulteile
Duval, 10 mm, with axial serrations, 40 mm jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1580SQi-26	13-1580SQi	13-1580SQi-45
ENDO LOCK®	13-1580i-26	13-1580i	13-1580i-45
System CS®	13-1580CSi-26	13-1580CSi	13-1580CSi-45
System A®	13-1580A-26	13-1580A	13-1580A-45



13-1585 TC Collin, 10 mm, mit 30 mm Maulteilen
TC Collin, 10 mm, with 30 mm jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1585SQi-26	13-1585SQi	13-1585SQi-45
ENDO LOCK®	13-1585i-26	13-1585i	13-1585i-45
System CS®	13-1585CSi-26	13-1585CSi	13-1585CSi-45
System A®	13-1585A-26	13-1585A	13-1585A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



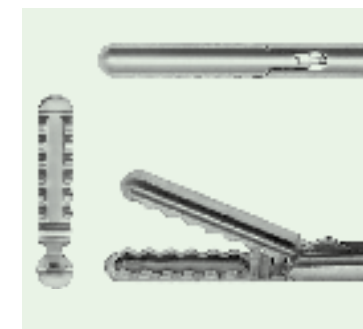
13-1332 Greifzange, 5 mm, gezahnt
Strong graspers, 5 mm, toothed

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1332SQi-26	13-1332SQi	13-1332SQi-45
ENDO LOCK®	13-1332i-26	13-1332i	13-1332i-45
System CS®	13-1332CSi-26	13-1332CSi	13-1332CSi-45
System A®	13-1332A-26	13-1332A	13-1332A-45



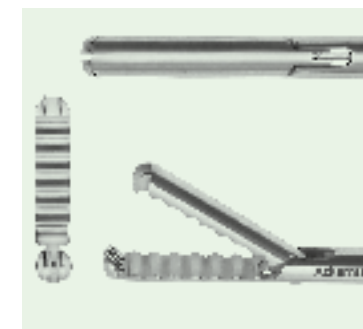
13-1375 Wellengreifer DG, 5 mm, mit atraumatischer wellenförmiger Verzahnung
Wave grasper DG, 5 mm, with atraumatic wavelike serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1375SQi-26	13-1375SQi	13-1375SQi-45
ENDO LOCK®	13-1375i-26	13-1375i	13-1375i-45
System CS®	13-1375CSi-26	13-1375CSi	13-1375CSi-45
System A®	13-1375A-26	13-1375A	13-1375A-45



13-1381 Wellengreifer DG, 5 mm, mit atraumatischer wellenförmiger Verzahnung
Wave grasper DG, 5 mm, with atraumatic wavelike serrations

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1381SQi-26	13-1381SQi	13-1381SQi-45
ENDO LOCK®	13-1381i-26	13-1381i	13-1381i-45
System CS®	13-1381CSi-26	13-1381CSi	13-1381CSi-45
System A®	13-1381A-26	13-1381A	13-1381A-45



13-1380 Retraktionsgreifzange mit atraumatischer Innenverzahnung, 5 mm
Retraction forceps with atraumatic inner teeth, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1380SQi-26	13-1380SQi	13-1380SQi-45
ENDO LOCK®	13-1380i-26	13-1380i	13-1380i-45
System CS®	13-1380CSi-26	13-1380CSi	13-1380CSi-45
System A®	13-1380A-26	13-1380A	13-1380A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1417

Kobra Stil, 5 mm, gezahnter Greifer
Cobra style, 5 mm, toothed grasper

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1417SQi-26	13-1417SQi	13-1417SQi-45
ENDO LOCK®	13-1417i-26	13-1417i	13-1417i-45
System CS®	13-1417CSi-26	13-1417CSi	13-1417CSi-45
System A®	13-1417A-26	13-1417A	13-1417A-45



13-1546

Wellengezahnter Greifer, spitze Ausführung, konisch, 5 mm
Wave grasper, pointed version, conical, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1546SQi-26	13-1546SQi	13-1546SQi-45
ENDO LOCK®	13-1546i-26	13-1546i	13-1546i-45
System CS®	13-1546CSi-26	13-1546CSi	13-1546CSi-45
System A®	13-1546A-26	13-1546A	13-1546A-45



13-1547

Wellengezahnter Greifer, spitze Ausführung, flach, 5 mm
Wave grasper, pointed version, flat, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1547SQi-26	13-1547SQi	13-1547SQi-45
ENDO LOCK®	13-1547i-26	13-1547i	13-1547i-45
System CS®	13-1547CSi-26	13-1547CSi	13-1547CSi-45
System A®	13-1547A-26	13-1547A	13-1547A-45



13-1548

Wellengezahnter Greifer, breite Ausführung, 5 mm
Wave grasper, wide version, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1548SQi-26	13-1548SQi	13-1548SQi-45
ENDO LOCK®	13-1548i-26	13-1548i	13-1548i-45
System CS®	13-1548CSi-26	13-1548CSi	13-1548CSi-45
System A®	13-1548A-26	13-1548A	13-1548A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

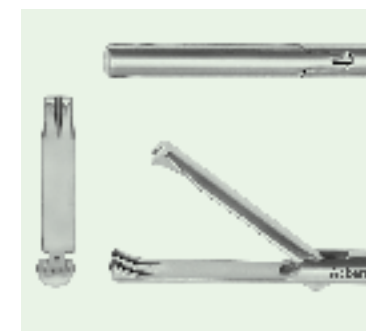
GREIFZANGEN | GRASPING FORCEPS



13-1605

Krallengreifer, 10 mm Schaft, traumatische Maulteile
Claw forceps, 10 mm shaft, traumatic jaws

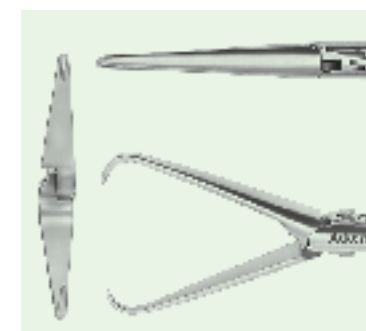
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1605SQi-26	13-1605SQi	13-1605SQi-45
ENDO LOCK®	13-1605i-26	13-1605i	13-1605i-45
System CS®	13-1605CSi-26	13-1605CSi	13-1605CSi-45
System A®	13-1605A-26	13-1605A	13-1605A-45



13-1606

Krallengreifer, 5 mm Schaft, traumatische Maulteile
Claw forceps, 5 mm shaft, traumatic jaws

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1606SQi-26	13-1606SQi	13-1606SQi-45
ENDO LOCK®	13-1606i-26	13-1606i	13-1606i-45
System CS®	13-1606CSi-26	13-1606CSi	13-1606CSi-45
System A®	13-1606A-26	13-1606A	13-1606A-45



13-1536

Tenaculum Greifzange, 10 mm, mit 1x1 scharfen Zähnen
Tenaculum forceps, 10 mm, with 1x1 sharp teeth

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1536SQi-26	13-1536SQi	13-1536SQi-45
ENDO LOCK®	13-1536i-26	13-1536i	13-1536i-45
System CS®	13-1536CSi-26	13-1536CSi	13-1536CSi-45
System A®	13-1536A-26	13-1536A	13-1536A-45



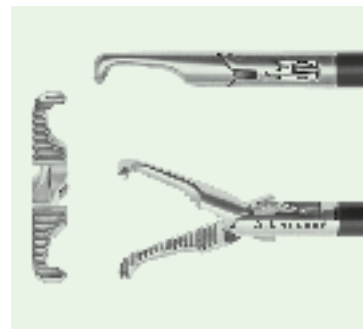
13-1537

Tenaculum Greifzange, 5 mm, mit 1x1 scharfen Zähnen
Tenaculum forceps, 5 mm, with 1x1 sharp teeth

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1537SQi-26	13-1537SQi	13-1537SQi-45
ENDO LOCK®	13-1537i-26	13-1537i	13-1537i-45
System CS®	13-1537CSi-26	13-1537CSi	13-1537CSi-45
System A®	13-1537A-26	13-1537A	13-1537A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

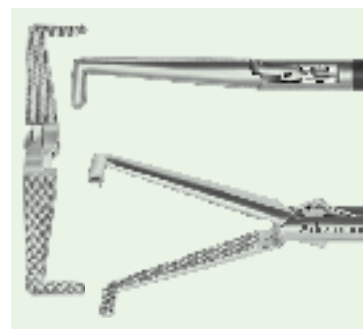
GREIFZANGEN | GRASPING FORCEPS



13-1333 Mixer, 5 mm, mit Querzähnen <i>Mixer, 5 mm, cross serrated</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1333SQi-26	13-1333SQi	13-1333SQi-45	
ENDO LOCK®	13-1333i-26	13-1333i	13-1333i-45	
System CS®	13-1333CSi-26	13-1333CSi	13-1333CSi-45	
System A®	13-1333A-26	13-1333A	13-1333A-45	



13-1334 Mixer Klemme, 10 mm, 45° gewinkelt <i>Mixer clamp, 10 mm, 45° angled</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1334SQi-26	13-1334SQi	13-1334SQi-45	
ENDO LOCK®	13-1334i-26	13-1334i	13-1334i-45	
System CS®	13-1334CSi-26	13-1334CSi	13-1334CSi-45	
System A®	13-1334A-26	13-1334A	13-1334A-45	



13-1336 Mixer Klemme, 10 mm, 90° gewinkelt <i>Mixer clamp, 10 mm, 90° angled</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1336SQi-26	13-1336SQi	13-1336SQi-45	
ENDO LOCK®	13-1336i-26	13-1336i	13-1336i-45	
System CS®	13-1336CSi-26	13-1336CSi	13-1336CSi-45	
System A®	13-1336A-26	13-1336A	13-1336A-45	



13-1376 Mixer Klemme, 5 mm, 90° gewinkelt <i>Mixer clamp, 5 mm, 90° angled</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1376SQi-26	13-1376SQi	13-1376SQi-45	
ENDO LOCK®	13-1376i-26	13-1376i	13-1376i-45	
System CS®	13-1376CSi-26	13-1376CSi	13-1376CSi-45	
System A®	13-1376A-26	13-1376A	13-1376A-45	

NOTE: actual length is longer on SQ models (+ 50 mm)

GREIFZANGEN | GRASPING FORCEPS



13-1338 Glassmann, atraumatische Klemme, 5 mm <i>Glassmann, atraumatic clamp, 5 mm</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1338SQi-26	13-1338SQi	13-1338SQi-45	
ENDO LOCK®	13-1338i-26	13-1338i	13-1338i-45	
System CS®	13-1338CSi-26	13-1338CSi	13-1338CSi-45	
System A®	13-1338A-26	13-1338A	13-1338A-45	



13-1550 Kocher, 10 mm, Axial Zahnung, Maulteile 40 mm lang <i>Kocher, 10 mm, axial serrations, jaw length 40 mm</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1550SQi-26	13-1550SQi	13-1550SQi-45	
ENDO LOCK®	13-1550i-26	13-1550i	13-1550i-45	
System CS®	13-1550CSi-26	13-1550CSi	13-1550CSi-45	
System A®	13-1550A-26	13-1550A	13-1550A-45	



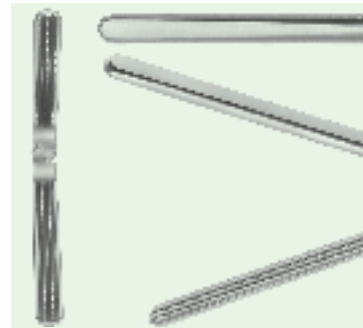
13-1555 Kocher, 10 mm, Axial Zahnung, Maulteile 60 mm lang <i>Kocher, 10 mm, axial serrations, jaw length 60 mm</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1555SQi-26	13-1555SQi	13-1555SQi-45	
ENDO LOCK®	13-1555i-26	13-1555i	13-1555i-45	
System CS®	13-1555CSi-26	13-1555CSi	13-1555CSi-45	
System A®	13-1555A-26	13-1555A	13-1555A-45	



13-1560 De Bakey, 10 mm, Maulteile 40 mm lang <i>De Bakey, 10 mm, jaw length 40 mm</i>				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1560SQi-26	13-1560SQi	13-1560SQi-45	
ENDO LOCK®	13-1560i-26	13-1560i	13-1560i-45	
System CS®	13-1560CSi-26	13-1560CSi	13-1560CSi-45	
System A®	13-1560A-26	13-1560A	13-1560A-45	

NOTE: actual length is longer on SQ models (+ 50 mm)

DISSEKTIONSZANGEN | DISSECTORS



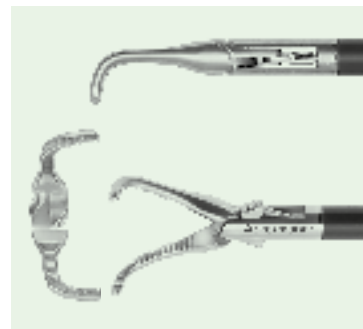
13-1565 De Bakey, 10 mm, Maulteile 60 mm lang
De Bakey, 10 mm, jaw length 60 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1565SQi-26	13-1565SQi	13-1565SQi-45
ENDO LOCK®	13-1565i-26	13-1565i	13-1565i-45
System CS®	13-1565CSi-26	13-1565CSi	13-1565CSi-45
System A®	13-1565A-26	13-1565A	13-1565A-45



13-1570 De Bakey, 5 mm, Maulteile 40 mm lang
De Bakey, 5 mm, jaw length 40 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1570SQi-26	13-1570SQi	13-1570SQi-45
ENDO LOCK®	13-1570i-26	13-1570i	13-1570i-45
System CS®	13-1570CSi-26	13-1570CSi	13-1570CSi-45
System A®	13-1570A-26	13-1570A	13-1570A-45



13-0530 Stark gebogene Dissektionszange, 5 - 8 mm, gezahnt, für Trokar 10 mm
Strong curved dissection forceps, 5 - 8 mm, serrated, for Trocar 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-0530SQi-26	13-0530SQi	13-0530SQi-45
ENDO LOCK®	13-0530i-26	13-0530i	13-0530i-45
System CS®	13-0530CSi-26	13-0530CSi	13-0530CSi-45
System A®	13-0530A-26	13-0530A	13-0530A-45



13-1304 Dissektionszange, gezahnt, 5 mm, leicht gebogene Version, für Trokar 10 mm
Dissector, 5 mm, serrated, slightly curved version, for Trocar 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1304SQi-26	13-1304SQi	13-1304SQi-45
ENDO LOCK®	13-1304i-26	13-1304i	13-1304i-45
System CS®	13-1304CSi-26	13-1304CSi	13-1304CSi-45
System A®	13-1304A-26	13-1304A	13-1304A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

DISSEKTIONSZANGEN | DISSECTORS



13-1306 Dissektionszange, gezahnt, 5 mm, stark gebogene Version
Dissector, 5 mm, serrated, strong curved version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1306SQi-26	13-1306SQi	13-1306SQi-45
ENDO LOCK®	13-1306i-26	13-1306i	13-1306i-45
System CS®	13-1306CSi-26	13-1306CSi	13-1306CSi-45
System A®	13-1306A-26	13-1306A	13-1306A-45



13-1307 Dissektionszange, gerade, 5 mm, fein gezahnt
Dissector, straight, 5 mm, delicate serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1307SQi-26	13-1307SQi	13-1307SQi-45
ENDO LOCK®	13-1307i-26	13-1307i	13-1307i-45
System CS®	13-1307CSi-26	13-1307CSi	13-1307CSi-45
System A®	13-1307A-26	13-1307A	13-1307A-45



13-1308 Dissektionszange, gebogen, 5 mm, fein gezahnt
Dissector, curved, 5 mm, delicate serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1308SQi-26	13-1308SQi	13-1308SQi-45
ENDO LOCK®	13-1308i-26	13-1308i	13-1308i-45
System CS®	13-1308CSi-26	13-1308CSi	13-1308CSi-45
System A®	13-1308A-26	13-1308A	13-1308A-45



13-1318 Maryland, 5 mm
Maryland, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1318SQi-26	13-1318SQi	13-1318SQi-45
ENDO LOCK®	13-1318i-26	13-1318i	13-1318i-45
System CS®	13-1318CSi-26	13-1318CSi	13-1318CSi-45
System A®	13-1318A-26	13-1318A	13-1318A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

DISSEKTIONSZANGEN | *DISSECTORS***13-1340**Maryland, 10 mm
Maryland, 10 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1340SQi-26	13-1340SQi	13-1340SQi-45
ENDO LOCK®	13-1340i-26	13-1340i	13-1340i-45
System CS®	13-1340CSi-26	13-1340CSi	13-1340CSi-45
System A®	13-1340A-26	13-1340A	13-1340A-45

**13-1322**Schwach gebogene Maryland, 5 mm, stark eingesetzt
Soft-curve Maryland, 5 mm, offset

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1322SQi-26	13-1322SQi	13-1322SQi-45
ENDO LOCK®	13-1322i-26	13-1322i	13-1322i-45
System CS®	13-1322CSi-26	13-1322CSi	13-1322CSi-45
System A®	13-1322A-26	13-1322A	13-1322A-45

**13-1411**Maryland, 10 mm, diamant gezahnt
Maryland, 10 mm, diamond serrations

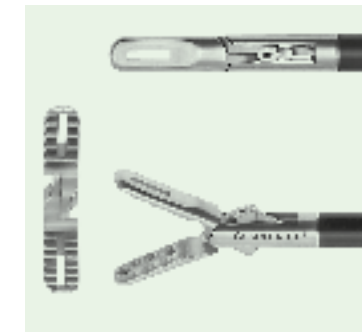
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1411SQi-26	13-1411SQi	13-1411SQi-45
ENDO LOCK®	13-1411i-26	13-1411i	13-1411i-45
System CS®	13-1411CSi-26	13-1411CSi	13-1411CSi-45
System A®	13-1411A-26	13-1411A	13-1411A-45

**13-1412**Maryland, 5 mm, diamant gezahnt
Maryland, 5 mm, diamond serrations

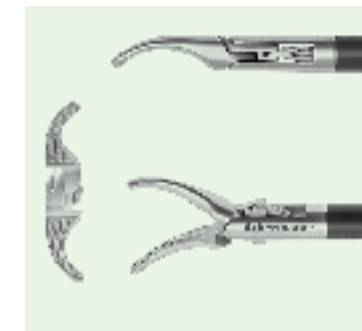
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1412SQi-26	13-1412SQi	13-1412SQi-45
ENDO LOCK®	13-1412i-26	13-1412i	13-1412i-45
System CS®	13-1412CSi-26	13-1412CSi	13-1412CSi-45
System A®	13-1412A-26	13-1412A	13-1412A-45

NOTE: actual length is longer on SQ models (+ 50 mm)DISSEKTIONSZANGEN | *DISSECTORS***13-1317**De Bakey / Maryland, gebogen, 5 mm, atraumatisch
De Bakey / Maryland, curved, 5 mm, atraumatic

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1317SQi-26	13-1317SQi	13-1317SQi-45
ENDO LOCK®	13-1317i-26	13-1317i	13-1317i-45
System CS®	13-1317CSi-26	13-1317CSi	13-1317CSi-45
System A®	13-1317A-26	13-1317A	13-1317A-45

**13-1345**Gefensterter Dissektor, 5 mm
Fenestrated dissector, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1345SQi-26	13-1345SQi	13-1345SQi-45
ENDO LOCK®	13-1345i-26	13-1345i	13-1345i-45
System CS®	13-1345CSi-26	13-1345CSi	13-1345CSi-45
System A®	13-1345A-26	13-1345A	13-1345A-45

**13-1419**Kelly Zange, 5 mm
Kelly forceps, 5 mm

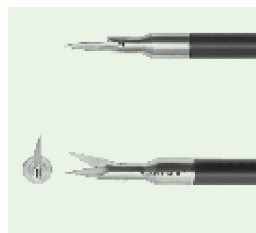
	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1419SQi-26	13-1419SQi	13-1419SQi-45
ENDO LOCK®	13-1419i-26	13-1419i	13-1419i-45
System CS®	13-1419CSi-26	13-1419CSi	13-1419CSi-45
System A®	13-1419A-26	13-1419A	13-1419A-45

**13-1422**Dissektionszange, kniegebogen, 5 mm, sehr fein
Dissecting forceps, right angled, 5 mm, very fine

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1422SQi-26	13-1422SQi	13-1422SQi-45
ENDO LOCK®	13-1422i-26	13-1422i	13-1422i-45
System CS®	13-1422CSi-26	13-1422CSi	13-1422CSi-45
System A®	13-1422A-26	13-1422A	13-1422A-45

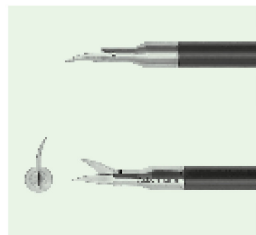
NOTE: actual length is longer on SQ models (+ 50 mm)

SCHEREN | SCISSORS



13-1344 Mikroschere, extrem feine Spitze, Schaft 5 mm, gerade
Micro scissors, extremely delicate tip, shaft 5 mm, straight

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1344SQi-26	13-1344SQi	13-1344SQi-45
ENDO LOCK®	13-1344i-26	13-1344i	13-1344i-45
System CS®	13-1344CSi-26	13-1344CSi	13-1344CSi-45
System A®	13-1344A-26	13-1344A	13-1344A-45



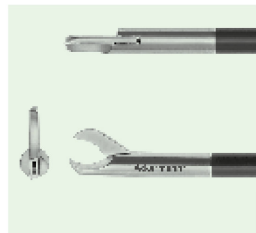
13-1346 Mikroschere, extrem feine Spitze, Schaft 5 mm, gebogen
Micro scissors, extremely delicate tip, shaft 5 mm, curved

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1346SQi-26	13-1346SQi	13-1346SQi-45
ENDO LOCK®	13-1346i-26	13-1346i	13-1346i-45
System CS®	13-1346CSi-26	13-1346CSi	13-1346CSi-45
System A®	13-1346A-26	13-1346A	13-1346A-45



13-1431 Hakenschere, 5 mm
Hook scissors, 5 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1431SQi-26	13-1431SQi	13-1431SQi-45
ENDO LOCK®	13-1431i-26	13-1431i	13-1431i-45
System CS®	13-1431CSi-26	13-1431CSi	13-1431CSi-45
System A®	13-1431A-26	13-1431A	13-1431A-45

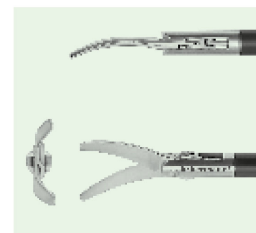


13-1455 Hakenschere, 5 mm, scharfe Schnittfläche
Hook scissors, 5 mm, sharp cutting edge

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1455SQi-26	13-1455SQi	13-1455SQi-45
ENDO LOCK®	13-1455i-26	13-1455i	13-1455i-45
System CS®	13-1455CSi-26	13-1455CSi	13-1455CSi-45
System A®	13-1455A-26	13-1455A	13-1455A-45

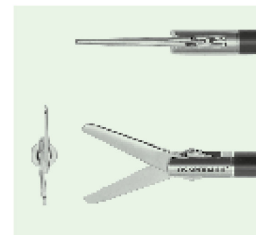
NOTE: actual length is longer on SQ models (+ 50 mm)

SCHEREN | SCISSORS



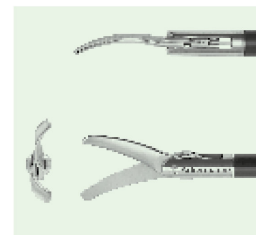
13-1309 Metzenbaum, 5 mm, gebogen, "Slim" Line Version
Metzenbaum, 5 mm, curved, "slim" line version

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1309SQi-26	13-1309SQi	13-1309SQi-45
ENDO LOCK®	13-1309i-26	13-1309i	13-1309i-45
System CS®	13-1309CSi-26	13-1309CSi	13-1309CSi-45
System A®	13-1309A-26	13-1309A	13-1309A-45



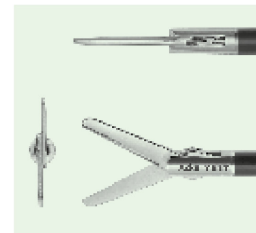
13-1460 Metzenbaum, 5 mm, gerade
Metzenbaum, 5 mm, straight

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1460SQi-26	13-1460SQi	13-1460SQi-45
ENDO LOCK®	13-1460i-26	13-1460i	13-1460i-45
System CS®	13-1460CSi-26	13-1460CSi	13-1460CSi-45
System A®	13-1460A-26	13-1460A	13-1460A-45



13-1461 Metzenbaum, 5 mm, gebogen
Metzenbaum, 5 mm, curved

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1461SQi-26	13-1461SQi	13-1461SQi-45
ENDO LOCK®	13-1461i-26	13-1461i	13-1461i-45
System CS®	13-1461CSi-26	13-1461CSi	13-1461CSi-45
System A®	13-1461A-26	13-1461A	13-1461A-45



13-1465 Metzenbaum, 5 mm, gerade, gezahnt
Metzenbaum, 5 mm, straight, serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1465SQi-26	13-1465SQi	13-1465SQi-45
ENDO LOCK®	13-1465i-26	13-1465i	13-1465i-45
System CS®	13-1465CSi-26	13-1465CSi	13-1465CSi-45
System A®	13-1465A-26	13-1465A	13-1465A-45

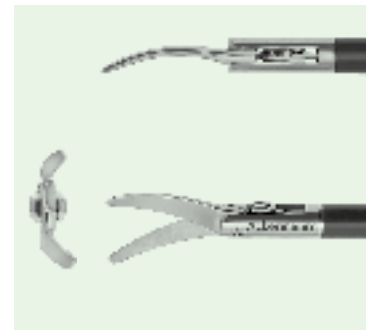
NOTE: actual length is longer on SQ models (+ 50 mm)

SCHEREN | SCISSORS



13-1466 Metzenbaum, 5 mm, gebogen, gezahnt
Metzenbaum, 5 mm, curved, serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1466SQi-26	13-1466SQi	13-1466SQi-45
ENDO LOCK®	13-1466i-26	13-1466i	13-1466i-45
System CS®	13-1466CSi-26	13-1466CSi	13-1466CSi-45
System A®	13-1466A-26	13-1466A	13-1466A-45



13-1467 Metzenbaum, 5 mm, gebogen, mittlere Blattlänge
Metzenbaum, 5 mm, curved, medium blades

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1467SQi-26	13-1467SQi	13-1467SQi-45
ENDO LOCK®	13-1467i-26	13-1467i	13-1467i-45
System CS®	13-1467CSi-26	13-1467CSi	13-1467CSi-45
System A®	13-1467A-26	13-1467A	13-1467A-45



13-1468 Miniatur Metzenbaum, 5 mm, auf 4 mm verjüngt
Miniature Metzenbaum, 5 mm, tapered down to 4 mm

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1468SQi-26	13-1468SQi	13-1468SQi-45
ENDO LOCK®	13-1468i-26	13-1468i	13-1468i-45
System CS®	13-1468CSi-26	13-1468CSi	13-1468CSi-45
System A®	13-1468A-26	13-1468A	13-1468A-45

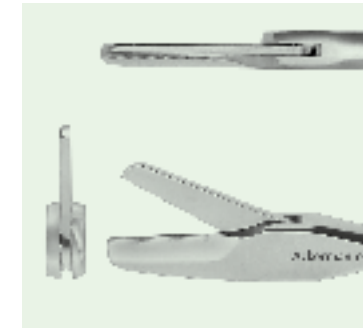


13-1469 Metzenbaum, 5 mm, starkes Blatt
Metzenbaum, 5 mm, solid blade

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1469SQi-26	13-1469SQi	13-1469SQi-45
ENDO LOCK®	13-1469i-26	13-1469i	13-1469i-45
System CS®	13-1469CSi-26	13-1469CSi	13-1469CSi-45
System A®	13-1469A-26	13-1469A	13-1469A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

SCHEREN, NADELHALTER | SCISSORS, NEEDLEHOLDER



13-1655 Metzenbaum Schere, mit 10 mm Schaft
Metzenbaum scissors, with 10 mm shaft

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1655SQi-26	13-1655SQi	13-1655SQi-45
ENDO LOCK®	13-1655i-26	13-1655i	13-1655i-45
System CS®	13-1655CSi-26	13-1655CSi	13-1655CSi-45
System A®	13-1655A-26	13-1655A	13-1655A-45



13-1665 Metzenbaum Schere, with 10 mm shaft
Metzenbaum scissors, with 10 mm shaft

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1665SQi-26	13-1665SQi	13-1665SQi-45
ENDO LOCK®	13-1665i-26	13-1665i	13-1665i-45
System CS®	13-1665CSi-26	13-1665CSi	13-1665CSi-45
System A®	13-1665A-26	13-1665A	13-1665A-45



13-1650 Peritoneal Schere, 5 mm, stumpfe Spitze
Peritoneal scissors, 5 mm, blunt tips

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1650SQi-26	13-1650SQi	13-1650SQi-45
ENDO LOCK®	13-1650i-26	13-1650i	13-1650i-45
System CS®	13-1650CSi-26	13-1650CSi	13-1650CSi-45
System A®	13-1650A-26	13-1650A	13-1650A-45



13-1347 Nadelhalter, 5 mm, mit Querzähnen
Needleholder, 5 mm, cross serrated

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1347SQi-26	13-1347SQi	13-1347SQi-45
ENDO LOCK®	13-1347i-26	13-1347i	13-1347i-45
System CS®	13-1347CSi-26	13-1347CSi	13-1347CSi-45
System A®	13-1347A-26	13-1347A	13-1347A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

NADELHALTER | NEEDLEHOLDER



13-1348 Nadelhalter, 3 mm, mit Querzähnen Needleholder, 3 mm, cross serrated				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1348SQi-26	13-1348SQi	13-1348SQi-45	
ENDO LOCK®	13-1348i-26	13-1348i	13-1348i-45	
System CS®	13-1348CSi-26	13-1348CSi	13-1348CSi-45	
System A®	13-1348A-26	13-1348A	13-1348A-45	



13-1349 Nadelhalter, 5 mm, mit Hartmetall Needleholder, 5 mm, with TC inserts				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1349SQi-26	13-1349SQi	13-1349SQi-45	
ENDO LOCK®	13-1349i-26	13-1349i	13-1349i-45	
System CS®	13-1349CSi-26	13-1349CSi	13-1349CSi-45	
System A®	13-1349A-26	13-1349A	13-1349A-45	



13-1351 Nadelhalter, 5 mm, mit Hartmetall Needleholder, 5 mm, with TC inserts				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1351SQi-26	13-1351SQi	13-1351SQi-45	
ENDO LOCK®	13-1351i-26	13-1351i	13-1351i-45	
System CS®	13-1351CSi-26	13-1351CSi	13-1351CSi-45	
System A®	13-1351A-26	13-1351A	13-1351A-45	



13-1590 Nadelhalter, spitze Ausführung, 5 mm, Maulteil 10 mm lang Needleholder, pointed version, 5 mm, jaw length 10 mm				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1590SQi-26	13-1590SQi	13-1590SQi-45	
ENDO LOCK®	13-1590i-26	13-1590i	13-1590i-45	
System CS®	13-1590CSi-26	13-1590CSi	13-1590CSi-45	
System A®	13-1590A-26	13-1590A	13-1590A-45	

NOTE: actual length is longer on SQ models (+ 50 mm)

NADELHALTER, BIOPSIESTANZEN | NEEDLEHOLDER, BIOPSY PUNCHES



13-1595 Nadelhalter, spitze Ausführung, 5 mm, Maulteil 8 mm lang Needleholder, pointed version, 5 mm, jaw length 8 mm				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1595SQi-26	13-1595SQi	13-1595SQi-45	
ENDO LOCK®	13-1595i-26	13-1595i	13-1595i-45	
System CS®	13-1595CSi-26	13-1595CSi	13-1595CSi-45	
System A®	13-1595A-26	13-1595A	13-1595A-45	



13-1470 Biopsie Stanze, 5 mm, ohne Dorn Biopsy punch, 5 mm, without spike				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1470SQi-26	13-1470SQi	13-1470SQi-45	
ENDO LOCK®	13-1470i-26	13-1470i	13-1470i-45	
System CS®	13-1470CSi-26	13-1470CSi	13-1470CSi-45	
System A®	13-1470A-26	13-1470A	13-1470A-45	



13-1475 Biopsie Stanze, 5 mm, mit Dorn Biopsy punch, 5 mm, with spike				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1475SQi-26	13-1475SQi	13-1475SQi-45	
ENDO LOCK®	13-1475i-26	13-1475i	13-1475i-45	
System CS®	13-1475CSi-26	13-1475CSi	13-1475CSi-45	
System A®	13-1475A-26	13-1475A	13-1475A-45	



13-1480 Biopsie Hakenstanze, 5 mm Biopsy hook punch, 5 mm				
	260 mm Länge length	330 mm Länge length	450 mm Länge length	
SECULOCK®	13-1480SQi-26	13-1480SQi	13-1480SQi-45	
ENDO LOCK®	13-1480i-26	13-1480i	13-1480i-45	
System CS®	13-1480CSi-26	13-1480CSi	13-1480CSi-45	
System A®	13-1480A-26	13-1480A	13-1480A-45	

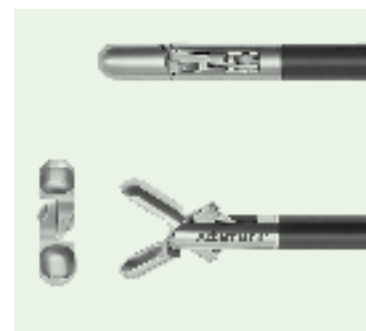
NOTE: actual length is longer on SQ models (+ 50 mm)

BIOPSIE LÖFFEL | BIOPSY SPOONS



11-1645 Biopsie Löffel, 5 mm, einfach beweglich
Biopsy spoon, 5 mm, single action

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	11-1645SQi-26	11-1645SQi	11-1645SQi-45
ENDO LOCK®	11-1645i-26	11-1645i	11-1645i-45
System CS®	11-1645CSi-26	11-1645CSi	11-1645CSi-45
System A®	11-1645A-26	11-1645A	11-1645A-45



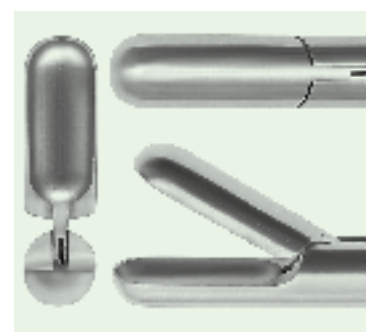
13-1485 Biopsie Löffel, 5 mm, ohne Dorn
Biopsy spoon, 5 mm, without spike

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1485SQi-26	13-1485SQi	13-1485SQi-45
ENDO LOCK®	13-1485i-26	13-1485i	13-1485i-45
System CS®	13-1485CSi-26	13-1485CSi	13-1485CSi-45
System A®	13-1485A-26	13-1485A	13-1485A-45



13-1490 Biopsie Löffel, 5 mm, mit Dorn
Biopsy spoon, 5 mm, with spike

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1490SQi-26	13-1490SQi	13-1490SQi-45
ENDO LOCK®	13-1490i-26	13-1490i	13-1490i-45
System CS®	13-1490CSi-26	13-1490CSi	13-1490CSi-45
System A®	13-1490A-26	13-1490A	13-1490A-45

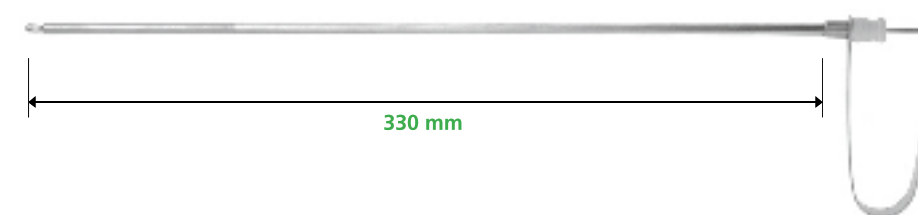


13-1660 Große Löffelzange, 10 mm Schaftdurchmesser
Large spoon forceps, 10 mm shaft diameter

	260 mm Länge length	330 mm Länge length	450 mm Länge length
SECULOCK®	13-1660SQi-26	13-1660SQi	13-1660SQi-45
ENDO LOCK®	13-1660i-26	13-1660i	13-1660i-45
System CS®	13-1660CSi-26	13-1660CSi	13-1660CSi-45
System A®	13-1660A-26	13-1660A	13-1660A-45

NOTE: actual length is longer on SQ models (+ 50 mm)

SYSTEM A®



13-1410A Feder-Griff, isolierter Greifer, 5 mm
Spring handle, insulated grasper, 5 mm



13-1415A Feder-Griff, Greifer, 5 mm
Spring handle, grasper, 5 mm



13-1420A Feder-Griff, isolierter Greifer, 5 mm
Spring handle, insulated grasper, 5 mm



13-1425A Feder-Griff, Klauen-Greifer, 5 mm
Spring handle, claw grasper, 5 mm



13-1430A Feder-Griff, starker atraumatischer Greifer, 5 mm
Spring handle, strong atraumatic grasper, 5 mm



13-1435A Feder-Griff, Greifer, Schlauch-Ausführung, 5 mm
Spring handle, grasper, tube version, 5 mm



13-1440A Feder-Griff, Separationsgreifer, 5 mm
Spring handle, separation grasper, 5 mm



13-1445A Feder-Griff, Greifer, 5 mm
Spring handle, grasper, 5 mm



13-1450A Feder-Griff, T-Form Greifer, 5 mm
Spring handle, T-shape grasper, 5 mm

SYSTEM ADG® | SYSTEM DG®



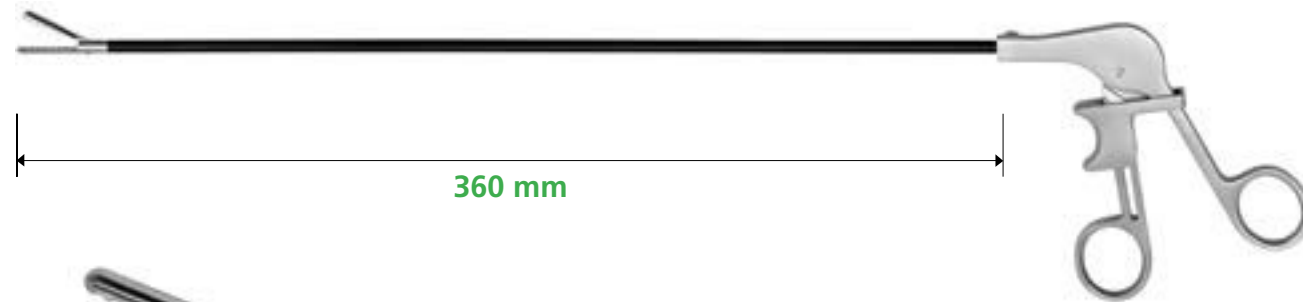
360 mm



13-1381ADG Wellengreifer DG, mit Schieberhandgriff, spülbar
Wave grasper DG, with slide ratchet handle, flushport 5 mm



13-1375ADG Wellengreifer DG, mit Schieberhandgriff, spülbar, doppelbeweglich
Wave grasper DG, with slide ratchet handle, flushport, double action 5 mm



360 mm



13-1381DG Wellengreifer DG, mit Schieberhandgriff, spülbar
Wave grasper DG, with slide ratchet handle, flushport 5 mm

ANVIL GRASPER | ANVIL GRASPER



360 mm



13-1599A Anvil Greifer, verstärkte Ausführung
Anvil Grasper, reinforced version 10 mm

NADELHALTER | NEEDLEHOLDER

TC NADELHALTER | TC NEEDLEHOLDERS



340 mm



13-1591ET ETH-Nadelhalter, spülbare Ausführung, bruchsicher, Axialgriffe, kurz, gerade
ETH-Needleholder, cleaning port, break proof, axial handles, short, straight 340 mm



13-1593ET ETH-Nadelhalter, spülbare Ausführung, bruchsicher, Axialgriffe, rechts
ETH-Needleholder, cleaning port, break proof, axial handles, right 340 mm



13-1594ET ETH-Nadelhalter, spülbare Ausführung, bruchsicher, Axialgriffe, links
ETH-Needleholder, cleaning port, break proof, axial handles, left 340 mm



13-1590ETSFU ETH Romeo-Nadelhalter, spülbare Ausführung, bruchsicher, Axialgriffe, selbstaufrichtend
ETH Romeo-Needleholder, cleaning port, break proof, axial handles, self-uprighting 340 mm

WWW.MERTIE.COM



330 mm



13-1596 Mertie Nadelhalter, 5 mm, mit Knotenführer, rechts
Mertie Needleholder, 5 mm, with knot guide, right



13-1597 Mertie Nadelhalter, 5 mm, mit Knotenführer, links
Mertie Needleholder, 5 mm, with knot guide, left

FRAGEN SIE NACH UNSERER CD-ROM | ASK FOR INSTRUCTION CD ROM



330 mm



13-1598 Mertie Nadelhalter, 3 mm, ohne Knotenführer, gerade
Mertie Needleholder, 3 mm, without knot guide, straight



13-1598L Mertie Nadelhalter, 3 mm, ohne Knotenführer, links
Mertie Needleholder, 3 mm, without knot guide, left



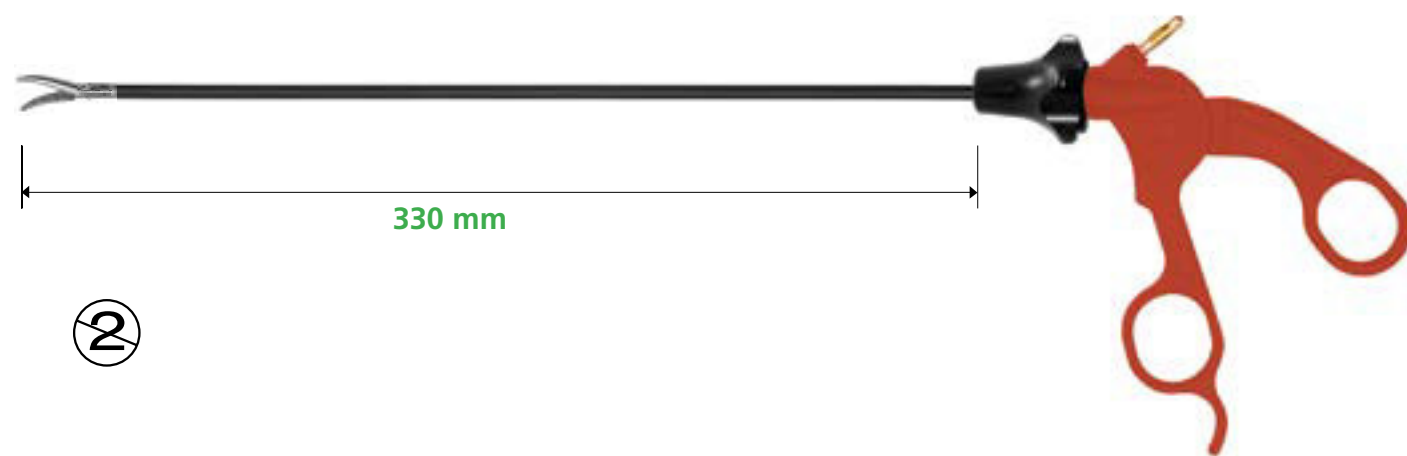
13-1598R Mertie Nadelhalter, 3 mm, ohne Knotenführer, rechts
Mertie Needleholder, 3 mm, without knot guide, right



TI-LINE

GRIFFE | HANDLES

EINMALVERWENDBAR | DISPOSABLE



13-1318DDRH Maryland, 5 mm, quer gezahnt, einmalverwendbar, mit HF-Anschluss
Maryland, 5 mm, cross serrations, disposable, with HF-connection

Verpackungseinheit: 6 Stück | sales unit: 6 pieces



13-1323DDRH Endo Clinch, 5 mm, einmalverwendbar, mit HF-Anschluss
Endo Clinch, 5 mm, disposable, with HF-connection

13-1323DDRHR Endo Clinch, 5 mm, mit Sperre, einmalverwendbar, mit HF-Anschluss
Endo Clinch, 5 mm, with ratchet, disposable, with HF-connection

Verpackungseinheit: 6 Stück | sales unit: 6 pieces



13-1466DDRH Metzenbaum, 5 mm, gebogen, gezahnt, einmalverwendbar, mit HF-Anschluss
Metzenbaum, 5 mm, curved, serrated, disposable, with HF-connection

Verpackungseinheit: 6 Stück | sales unit: 6 pieces

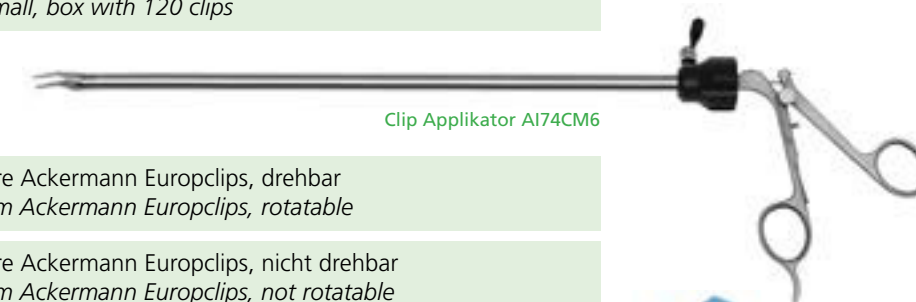
EUROPCLIP® APPLIKATOREN FÜR ENDOCHIRURGIE EUROPCLIP® APPLICATORS FOR ENDO SURGERY



Clip Applikator AI74CS6

13-1613-105 Clip Applikator für kleine Ackermann Europclips, drehbar, 5 mm
Clip applicator for small Ackermann Europclips, rotatable, 5 mm

AI74CS6 Ackermann Europclips, klein, Box mit 120 Clips
Ackermann Europclips, small, box with 120 clips



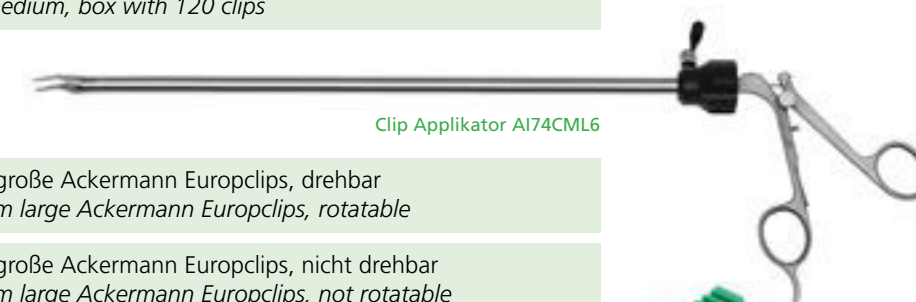
Clip Applikator AI74CM6

13-1610A Clip Applikator für mittlere Ackermann Europclips, drehbar
Clip applicator for medium Ackermann Europclips, rotatable

13-1610C Clip Applikator für mittlere Ackermann Europclips, nicht drehbar
Clip applicator for medium Ackermann Europclips, not rotatable

13-1610AS Clip Applikator für mittlere Ackermann Europclips, drehbar, doppelbeweglich
Clip applicator for medium Ackermann Europclips, rotatable, double action

AI74CM6 Ackermann Europclips, mittel, Box mit 120 Clips
Ackermann Europclips, medium, box with 120 clips



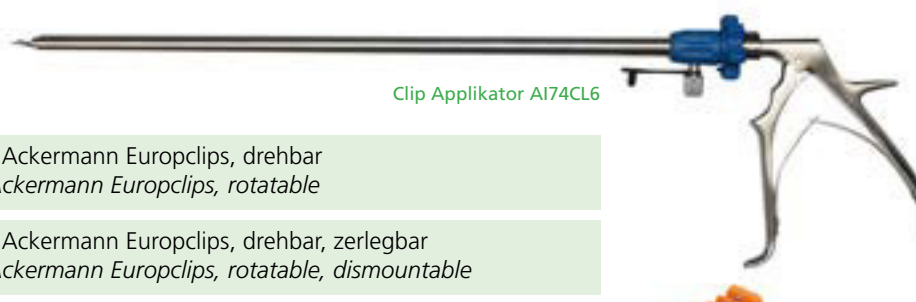
Clip Applikator AI74CML6

13-1615A Clip Applikator für mittelgroße Ackermann Europclips, drehbar
Clip applicator for medium large Ackermann Europclips, rotatable

13-1615C Clip Applikator für mittelgroße Ackermann Europclips, nicht drehbar
Clip applicator for medium large Ackermann Europclips, not rotatable

13-1615AS Clip Applikator für mittelgroße Ackermann Europclips, drehbar, doppelbeweglich
Clip applicator for medium large Ackermann Europclips, rotatable, double action

AI74CML6 Ackermann Europclips, mittelgroß, Box mit 120 Clips
Ackermann Europclips, medium large, box with 120 clips



Clip Applikator AI74CL6

13-1613-106A Clip Applikator für große Ackermann Europclips, drehbar
Clip applicator for large Ackermann Europclips, rotatable

13-1613-106 Clip Applikator für große Ackermann Europclips, drehbar, zerlegbar
Clip applicator for large Ackermann Europclips, rotatable, dismountable

AI74CL6 Ackermann Europclips, groß, Box mit 120 Clips
Ackermann Europclips, large, box with 120 clips



CLIP-APPLIKATOREN | *CLIP APPLICATORS*

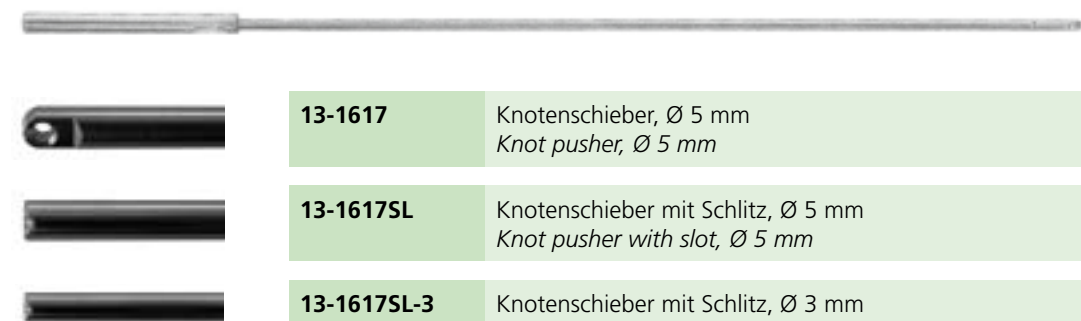


- 13-1616A** Clip Applikator für Ethicon LT 300 Clips, drehbar, 10 mm
Clip applicator for Ethicon LT 300 clips, rotatable, 10 mm
- 13-1616C** Clip Applikator für Ethicon LT 300 Clips, nicht drehbar, 10 mm
Clip applicator for Ethicon LT 300 clips, not rotatable, 10 mm



- 13-1613** Clip Applikator für Ethicon LT 300 Clips, modular
Clip applicator for Ethicon LT 300 clips, modular
- 13-1613-103** Clip Applikator für Ethicon LT 200 Clips, modular
Clip applicator for Ethicon LT 200 clips, modular
- 13-1613-104** Clip Applikator für Ethicon LT 400 Clips, modular
Clip applicator for Ethicon LT 400 clips, modular
- 13-1614** Clip Applikator für Weck Pilling und Ackermann medium Clips, modular
Clip applicator for Weck Pilling and Ackermann medium clips, modular
- 13-1614-100** Clip Applikator für Weck Pilling und Ackermann mittelgroße Clips, modular
Clip applicator for Weck Pilling and Ackermann medium large clips, modular

KNOTENSCHIEBER, RING APPLIKATOREN KNOT PUSHER, RING APPLICATORS



- 13-1617** Knotenschieber, Ø 5 mm
Knot pusher, Ø 5 mm
- 13-1617SL** Knotenschieber mit Schlitz, Ø 5 mm
Knot pusher with slot, Ø 5 mm
- 13-1617SL-3** Knotenschieber mit Schlitz, Ø 3 mm
Knot pusher with slot, Ø 3 mm



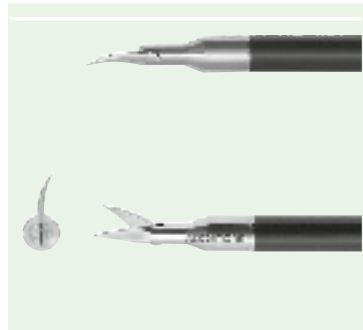
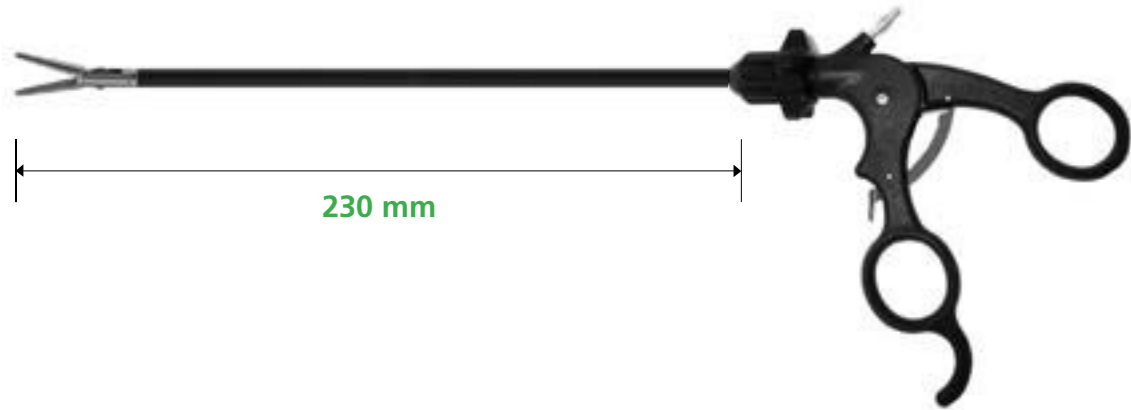
- 13-1618** Ring Applikator, 6 mm, zur Verwendung mit OP Laparoskop (11-1140 und 11-1145), 400 mm lang, für Verwendung durch Ventil
Ring applicator, 6 mm, for use with OP-Laparoscope (11-1140 and 11-1145), 400 mm working length, for use through valve
- 13-1618OV** Ring Applikator, 6 mm, zur Verwendung mit OP Laparoskop (11-1140 und 11-1145), 330 mm lang, für Verschraubung mit Optik
Ring applicator, 6 mm, for use with OP-Laparoscope (11-1140 and 11-1145), 330 mm working length, for screwconnect with scope
- 13-1618TR** Ring Applikator, 6,5 mm, zur Verwendung mit 7 mm Trokar, 380 mm lang
Ring applicator, 6,5 mm, for use with 7 mm trocar, 380 mm working length
- 13-1618-100** Ringe für 13-1618, 10 Stück
Rings for 13-1618, 10 pcs



- 13-1619** LL-Injektionsnadel
LL-injection needle



PEDIATRIE | *PEDIATRY*



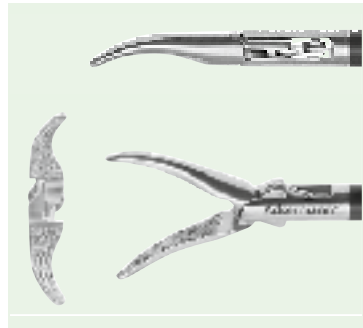
13-1601 Mikro Dissektions-Schere, 5 mm
Micro dissecting scissors, 5 mm

SECULOCK®	13-1601SQi-26
ENDO LOCK®	13-1601i-26
System CS®	13-1601CSi-26
System A®	13-1601A-26



13-1602 Metzenbaum Schere, gezahnt, 5 mm
Metzenbaum scissors, serrated, 5 mm

SECULOCK®	13-1602SQi-26
ENDO LOCK®	13-1602i-26
System CS®	13-1602CSi-26
System A®	13-1602A-26

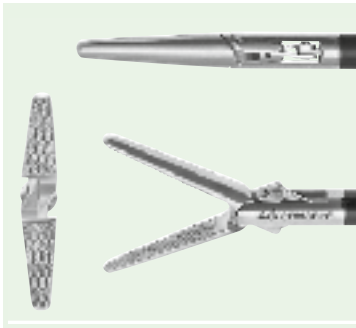


13-1603 Maryland, Dissektions-Zange, 5 mm
Maryland, dissecting forceps, 5 mm

SECULOCK®	13-1603SQi-26
ENDO LOCK®	13-1603i-26
System CS®	13-1603CSi-26
System A®	13-1603A-26

System A®: nicht modulares Instrument, drehbar, spülbar | *non modular Instrument, rotatable, flushable*

PEDIATRIE | *PEDIATRY*



13-1604 Atraumatischer Greifer, 5 mm
Atraumatic grasper, 5 mm

SECULOCK®	13-1604SQi-26
ENDO LOCK®	13-1604i-26
System CS®	13-1604CSi-26
System A®	13-1604A-26



13-1607 Biopsie Stanze, 5 mm
Biopsy punch, 5 mm

SECULOCK®	13-1607SQi-26
ENDO LOCK®	13-1607i-26
System CS®	13-1607CSi-26
System A®	13-1607A-26

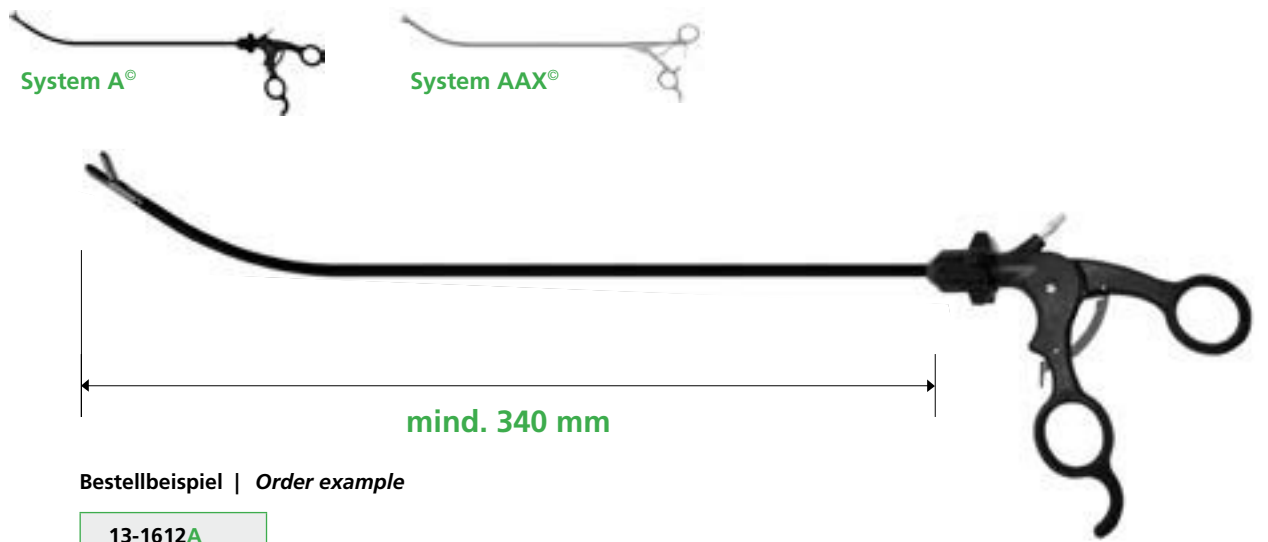


13-1608 L-Haken-Elektrode, Ø 5 mm, 280 mm lang
L-Hook electrode, Ø 5 mm, 280 mm length



13-1609 J-Haken-Elektrode, Ø 5 mm, 280 mm lang
J-Hook electrode, Ø 5 mm, 280 mm length

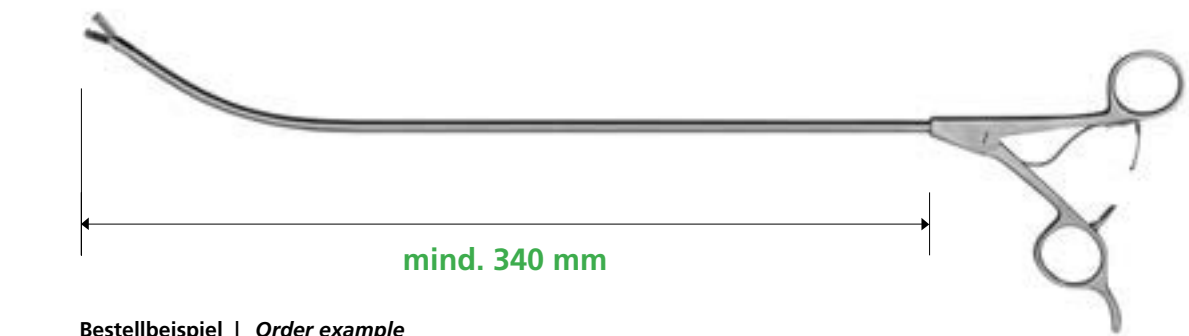
THORAKOSKOPIE | THORACOSCOPY



Bestellbeispiel | Order example

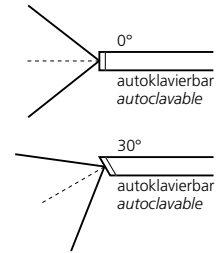
13-1612A

13-1612AR = Ratchet



Bestellbeispiel | Order example

13-1612AAX



11-1130-180 Thorakoskop Thoracoscope 10 mm, 0°

11-1135-180 Thorakoskop Thoracoscope 10 mm, 30°

THORAKOSKOPIE | THORACOSCOPY



13-1612 Krokodil-Greifer Crocodile grasper 5 mm

13-1620 Mikro Zange, extrem feine Spitze Micro forceps, extremely delicate tips 5 mm

13-1621 Allis Zange Allis forceps 5 mm

13-1622 Biopsie Löffel Biopsy spoon 5 mm

13-1623 L-Haken-Elektrode L-Hook electrode 5 mm

13-1624 Knopf Elektrode Button electrode 5 mm

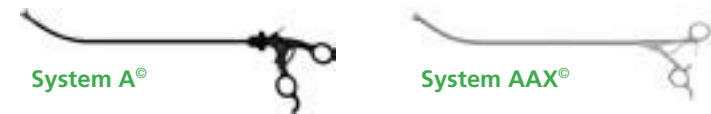
13-1625 Alligator Greifer Alligator grasper 5 mm

13-1626 J-Haken-Elektrode J-Hook electrode 5 mm

THORAKOSKOPIE | *THORACOSCOPY*



	13-1651	Metzenbaum Schere <i>Metzenbaum scissors</i>	5 mm
	13-1652	Peritoneal Schere <i>Peritoneal scissors</i>	5 mm
	13-1653	Mikro Schere <i>Micro scissors</i>	5 mm
	13-1654	Cobra, gezahnter Greifer <i>Cobra, toothed grasper</i>	5 mm
	13-1656	Atraumatischer Greifer <i>Atraumatic grasper</i>	5 mm
	13-1657	Babcock-Allis <i>Babcock-Allis</i>	5 mm
	13-1658	Duval <i>Duval</i>	5 mm
	13-1659	Greifzange <i>Grasping forceps</i>	5 mm



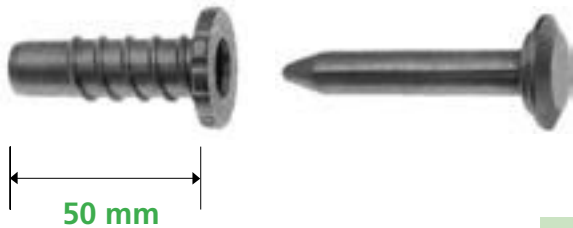
	13-1661	Maryland <i>Maryland</i>	5 mm
	13-1662	Atraumatischer Greifer <i>Atraumatic grasper</i>	5 mm
	13-1663	Kocher Klammerzange <i>Kocher, clamping forceps</i>	5 mm
	13-1676	Hechtmaulgreifer <i>Crocodile grasper</i>	5 mm
	30-3540	Nadelhalter <i>Needleholder</i>	5 mm



THORAKOSKOPIE | THORACOSCOPY

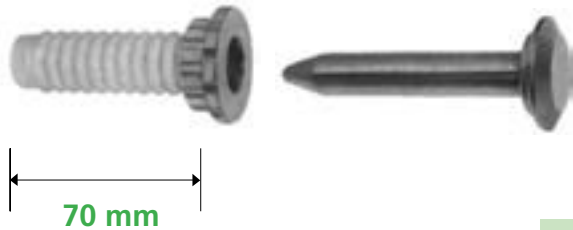
Thorakoskopie Trokare werden immer mit Obturatoren geliefert | Thoracoscopy trocars are always supplied with obturators

STARR | RIGID | RIGIDO



13-1627	Thorakoskopie Trokar, starr Thoracoscopy trocar, rigid	Ø 6,0 mm
13-1631	Thorakoskopie Trokar, starr Thoracoscopy trocar, rigid	Ø 11,0 mm

FLEXIBEL | FLEXIBLE | FLEXIBLE



13-1627FF	Thorakoskopie Trokar, flexibel Thoracoscopy trocar, flexible	Ø 6,0 mm
13-1631FF	Thorakoskopie Trokar, flexibel Thoracoscopy trocar, flexible	Ø 11,0 mm

FINGER RETRAKTOREN | FAN RETRACTORS



13-1668	Esophageo-Retractor zur Applikation eines Magenbandes Esophageoretractor for application of the gastric band	5 mm
13-1668-10	Esophageo-Retractor zur Applikation eines Magenbandes Esophageoretractor for application of the gastric band	10 mm



13-1669	Hourlay Finger Retraktor Hourlay finger retractor	10 mm
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13-1670	Finger-Retraktor, gerade Fan retractor, straight	5 mm
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13-1675	Finger-Retraktor, gebogen Fan retractor, curved	5 mm
13-1677	Finger-Retraktor, gewinkelt Fan retractor, angled	5 mm



FINGER RETRAKTOREN | *FAN RETRACTORS*



13-1671	3 Finger-Retraktor, gerade und abgewinkelt <i>3 finger fan retractor, straight articulating</i>	5 mm
13-1672	5 Finger-Retraktor, gerade und abgewinkelt <i>5 finger fan retractor, straight articulating</i>	10 mm

SNAKE RETRAKTOREN | *SNAKE RETRACTORS*



13-1665	Snake Retraktor, flexibel, triangular, gewinkelt im Schaft <i>Snake retractor, flexible, triangular, angled in sheath</i>	Ø 5 mm
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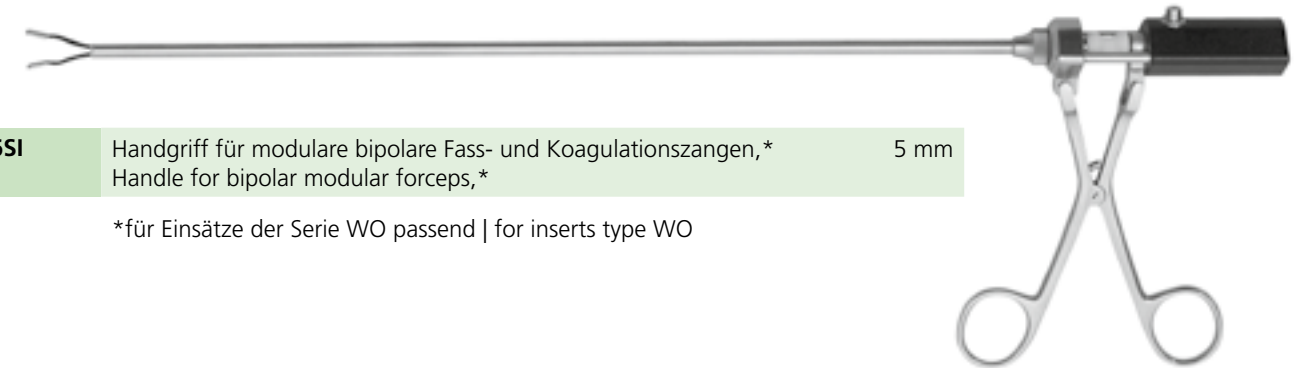


13-1666	Snake Retraktor, flexibel, triangular <i>Snake retractor, flexible, triangular</i>	Ø 5 mm
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13-1667	Snake Retraktor, flexibel, gerade <i>Snake Retraktor, flexible, straight</i>	Ø 5 mm
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BIPOLARE KOAGULATIONSZANGEN | *BIPOLAR COAGULATION FORCEPS*



13-1646SI	Handgriff für modulare bipolare Fass- und Koagulationszangen,* <i>Handle for bipolar modular forceps,*</i>	5 mm
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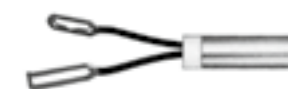
*für Einsätze der Serie WO passend | for inserts type WO



13-1647SI	Schieber-Handgriff für mod. bipol. Fass- und Koagulationszangen,* <i>Slide-handle for bipolar modular forceps,*</i>	5 mm
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*für Einsätze der Serie WO passend | for inserts type WO

EINSÄTZE | *INSERTS*



13-1630iWO	Bipolarer Einsatz, 5 mm Schaft <i>Bipolar insert, 5 mm shaft</i>
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13-1633iWO	Bipolarer Einsatz, Schere, 5 mm Schaft <i>Bipolar insert, scissors, 5 mm shaft</i>
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13-1634iWO	Bipolarer Einsatz, breites Maul, 5 mm Schaft <i>Bipolar insert, wide jaw, 5 mm shaft</i>
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13-1635iWO	Bipolarer Einsatz, breites Maul, 5 mm Schaft <i>Bipolar insert, wide jaw, 5 mm shaft</i>
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13-1640iWO	Bipolarer Einsatz, Mikro-Spitze, 5 mm Schaft <i>Bipolar forceps, micro tip, 5 mm shaft</i>
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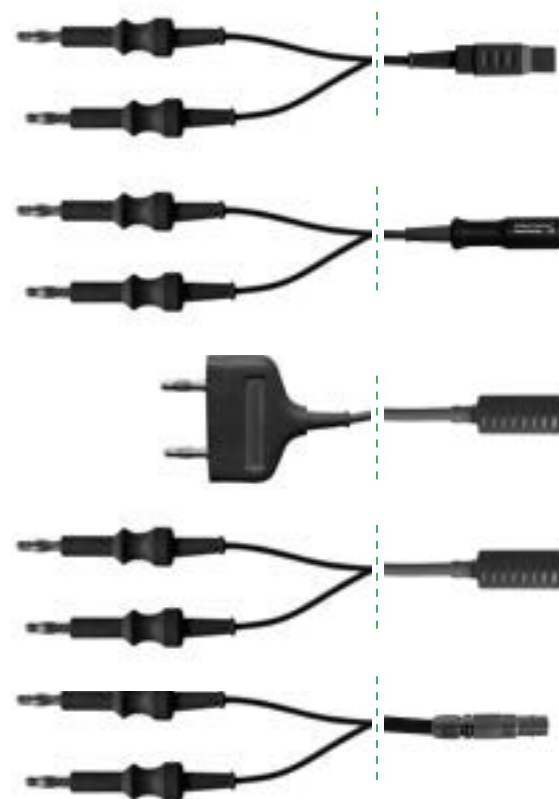
13-1642iWO	Bipolarer Einsatz, ohne Nase, 5 mm Schaft <i>Bipolar insert, without nose, 5 mm shaft</i>
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13-1645iWO	Bipolarer Einsatz, 5 mm Schaft <i>Bipolar insert, 5 mm shaft</i>
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BIPOLORE KABEL | *BIPOLAR CABLE*



13-1641 Bipolares Kabel für US-Generatoren
Bipolar cable for US-Generators

13-1641BPW Bipolares Kabel für US-Generatoren
Bipolar cable for US-Generators

für 13-1646SI und 13-1647SI
for 13-1646SI and 13-1647SI

13-1641VA Bipolares Kabel für US-Generatoren einschließlich Adapter
Bipolar cable for US-Generators with included adapter

für 13-1630SI | *for 13-1630SI*

13-1641VASL Bipolares Kabel, wie oben, mit getrennten Steckern
Bipolar cable, as above, with split lead

für 13-1630SI | *for 13-1630SI*

13-1641VASL-3 Bipolares Kabel, wie oben, mit getrennten Steckern für 3 mm Instrumente
Bipolar cable, as above, with split lead for 3 mm instruments

für 13-1630SI-3 | *for 13-1630SI-3*



13-1643 Bipolares Kabel für ERBE-Generatoren
Bipolar cable for ERBE Generators

13-1643BPW Bipolares Kabel für ERBE-Generatoren
Bipolar cable for ERBE Generators

für 13-1646SI und 13-1647SI
for 13-1646SI and 13-1647SI

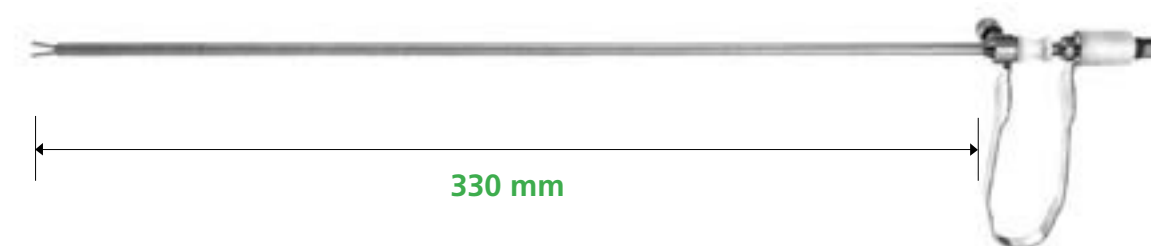


13-1644 Bipolares Kabel für Martin / Berchtold Generatoren
Bipolar cable for Martin / Berchtold Generators

13-1644BPW Bipolares Kabel für Martin / Berchtold Generatoren
Bipolar cable for Martin / Berchtold Generators

für 13-1646SI und 13-1647SI
for 13-1646SI and 13-1647SI

BIPOLORE ZANGEN UND ZUBEHÖR *BIPOLAR FORCEPS AND ACCESSORIES*



330 mm



13-1630A Bipolare Koagulationszange, 5 mm Schaft, leichte Verzahnung
Bipolar coagulation forceps, 5 mm shaft, slight serration

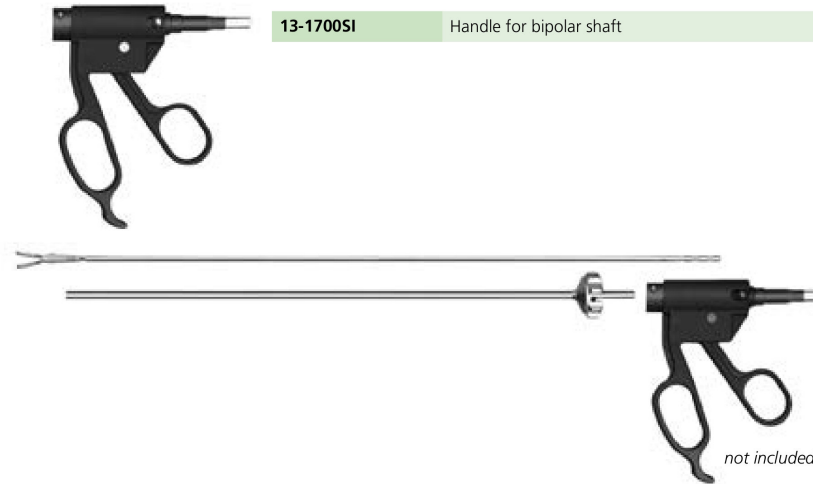
13-1635A Bipolare Koagulationszange, 5 mm Schaft
Bipolar coagulation forceps, 5 mm shaft

13-1640A Bipolare Faßzange, 5 mm Schaft
Bipolar forceps, 5 mm shaft

13-1642A Bipolare Koagulationszange, 5 mm Schaft, keine Nase
Bipolar coagulation forceps, 5 mm shaft, no nose



BIPOLEARE ZANGEN UND ZUBEHÖR BIPOLAR FORCEPS AND ACCESSORIES



13-1700SI Handle for bipolar shaft

13-1700R Shaft spare parts

not included



13-1701I Maryland dissector, curved



13-1702I Large grasping forceps



13-1703I Bipolar scissors, curved



13-1704I Bipolar micro forceps, curved

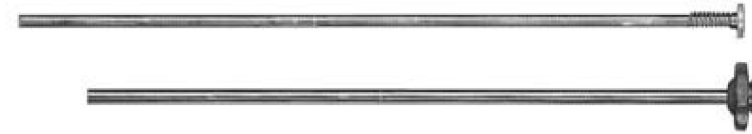


13-1705I Bipolar delta grasper



13-1706I Grasping forceps, curved

BIPOLEARE ZANGEN UND ZUBEHÖR BIPOLAR FORCEPS AND ACCESSORIES



13-1630R 5 mm Schaft für zerlegbare bipolare Zange
5 mm sheath for modular bipolar forceps



13-1630R-3 3 mm Schaft für zerlegbare bipolare Zange
3 mm sheath for modular bipolar forceps



13-1630I Bipolarer Einsatz, leichte Verzahnung
Bipolar insert, slight serration 5 mm



13-1630I-3 Bipolarer Einsatz, leichte Verzahnung
Bipolar insert, slight serration 3 mm



13-1633I Bipolarer Einsatz, Schere
Bipolar insert, scissors 5 mm



13-1634I Bipolarer Einsatz, breites Maul
Bipolar insert, wide jaw 5 mm



13-1635I Bipolarer Einsatz, breites Maul
Bipolar insert, wide jaw 5 mm



13-1640I Bipolarer Einsatz, Mikro-Spitze
Bipolar insert, micro tip 5 mm



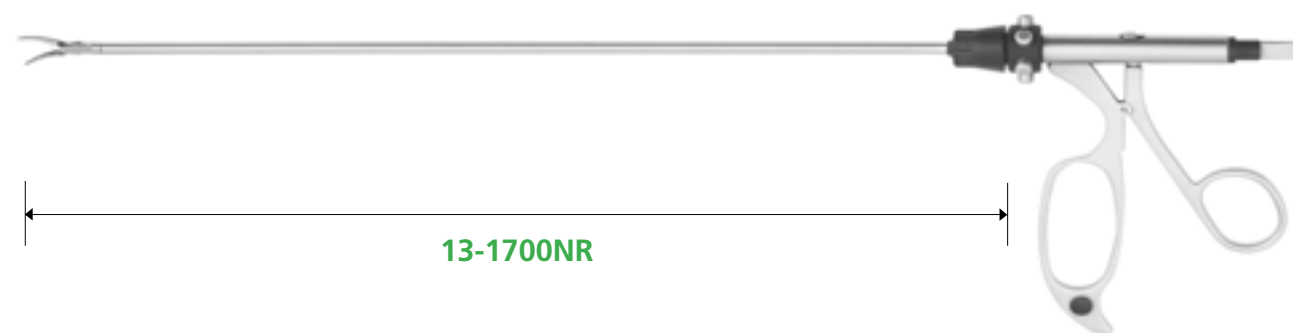
13-1630SI Handgriff für bipolare zerlegbare Zange
Handle for bipolar modular forceps Version 5 mm
version 5 mm

13-1630SI-3 Handgriff für bipolare zerlegbare Zange
Handle for bipolar modular forceps Version 3 mm
version 3 mm

13-1630SI-600 Adapter für Handgriff 13-1630SI
Adapter for handle 13-1630SI



BIPOLARE ZANGEN | *BIPOLAR FORCEPS*



13-1700NR

- ▶ stilvolles Design
- ▶ ergonomisch geformter Griff
- ▶ sicheres Arbeiten
- ▶ ermöglicht starkes Greifen und Halten von Gewebe
- ▶ zuverlässige Reinigung des Griffes mit dem Spüladapter

- ▶ stylish design
- ▶ ergonomically designed handle
- ▶ secure working
- ▶ strong grasping and holding of tissue
- ▶ reliable cleaning of the handle by using our flushing adapter

13-1700NSI



13-1701NI Bipolare Greifzange, Maryland
Bipolar grasping forceps, maryland



13-1703NI Bipolar Schere, Metzenbaum
Bipolar scissors, metzenbaum



13-1705NI Bipolare Greifzange, Standard
Bipolar standard grasping forceps



13-1702NI Bipolare gefenesterte Greifzange
Bipolar fenestrated grasping forceps



13-1704NI Bipolare Greifzange, gebogen
Bipolar grasping forcep, curved



13-1708NF Spüladapter
Flushing adapter

FUTURE LAP | *FUTURE LAP*



VORTEILE

- ▶ Die Zukunft für Laparoskopische Scheren und die Greifer-Linie
- ▶ neue Isolierung bei jedem Einsatz
- ▶ scharfe Scherenblätter bei jedem Einsatz
- ▶ keine Lücke zwischen dem wiederverwendbaren und Einweg-Element
- ▶ gleichen Preis wie allgemein bekannte Scherenspitzen
- ▶ frische Schäfte, keine Reinigung oder Montageprobleme wie Tip-Design
- ▶ vollständig in Deutschland hergestellt, keine billige chinesischen Kopien, die als „made in USA“ gelabelt sind
- ▶ Griffe (wiederverwendbar) kostenlos mit dem Einsatz der Scheren
- ▶ Gleicher Preis wie Tips
- ▶ Alle Elemente sind bei jeder Anwendung unverbraucht, wenn sie bei einem Patienten eingesetzt werden
- ▶ Neues Design einschließlich der heutigen Merkmale der modernen Fertigung

ADVANTAGES

- ▶ new disposable future Laparoscopic scissor and grasper line
- ▶ new insulation everytime
- ▶ sharp scissor blades everytime
- ▶ no gaps resulting in a gap between reusable and disposable part
- ▶ same price like common known scissor tips
- ▶ fresh shafts, no cleaning or assembly issues such as on the tip designs
- ▶ fully made in Germany, no cheap chinese copies marked made in USA
- ▶ handles (reusable) free with the use of the scissors
- ▶ Same price as tips
- ▶ All what is entering in the patient is fresh every time of use
- ▶ New design including today's features of modern manufacturing

13-1383CS Festigkeitsverstärkter Kohlefasersicherheitshandgriff, wiederverwendbar, für Future Lap, ohne Sperre
Reusable carbon fibre handle, for future lap inserts, without ratchet 1 pcs/pack

13-1384CS Festigkeitsverstärkter Kohlefasersicherheitshandgriff, wiederverwendbar, für Future Lap, mit Sperre
Reusable carbon fibre handle, for future lap inserts, with ratchet 1 pcs/pack





FUTURE LAP | FUTURE LAP

②



13-1301DDI Gefensterte Greifzange, 5 mm, Länge 330 mm
Fenestrated grasping forceps, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1318DDI Maryland, 5 mm, Länge 330 mm
Maryland, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1323DDI Endo Clinch, 5 mm, Länge 330 mm
Endo Clinch, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1375DDI Wellengreifer, 5 mm, Länge 330 mm
Wave grasper, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1376DDI Mixer Klemme, 90° gewinkelt, 5 mm, Länge 330 mm
Mixer clamp, angled 90°, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1409DDI Delphinmaul, 5 mm, Länge 330 mm
Dolphin nose, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1418DDI Allis, 3 x 4 Zähne, 5 mm, Länge 330 mm
Allis, 3 x 4 teeth, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1431DDI Hakenschere, 5 mm, Länge 330 mm
Hook scissors, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1466DDI Metzenbaum, gebogen, gezahnt, 5 mm, Länge 330 mm
Metzenbaum, curved, serrated, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1467DDI Metzenbaum, gebogen, mittlere Blattlänge, 5 mm, Länge 330 mm
Metzenbaum, curved, medium blades, 5mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack



13-1542DDI BABCOCK – DE BAKEY, 5 mm, Länge 330 mm
BABCOCK – DE BAKEY, 5 mm, working length 330 mm 10 Stück / Pck.
10 pcs/pack

NOTIZEN | NOTES

NOTIZEN | NOTES

ACKERMANN INSTRUMENTE GmbH, GERMANY
Eisenbahnstraße 65-67
78604 Rietheim-Weilheim

Phone: +49 (0) 74 61 / 9 66 17-0
Fax: +49 (0) 74 61 / 9 66 17-70

info@ackermanninstrumente.de
www.ackermanninstrumente.de