



**Integra<sup>®</sup> Jarit<sup>®</sup>**  
Laparoscopic Instruments

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All Integra Jarit Instruments are unconditionally guaranteed against defects in material and workmanship. Integra Jarit will, at its option and without charge, either repair or replace any instrument which Integra Jarit determines to be defective in material or workmanship when used for its intended surgical purpose.

All instruments sold by Integra Jarit are warranted only to the original purchaser and only against defects in workmanship or materials which under the intended use render such instruments inoperable.

All Integra Jarit Carb-Bite and Integra Jarit Carb-Edge instruments are further warranted for a period of three (3) years under normal use. Should any adjustment become necessary during this warranty period, CARB-EDGE Scissors will be resharpened, and Carb-Bite Needle Holder jaw inserts will be replaced without charge.

All Integra Jarit Supercut Scissors are further warranted for a period of one year under normal use. Should any resharpening become necessary during this warranty period, Integra Jarit will provide this service without charge. A nominal charge will be made for sharpening after expiration of this warranty. Integra Jarit Supercut Scissors will be date-stamped for control.

The autoclavable feature of the Autoclavable Laparoscope is covered under a special one (1) year limited warranty.

This Guarantee/Warranty shall be void in the event any Integra Jarit instrument is used for purposes other than as originally intended, is not maintained or cleaned properly, is damaged as a result of misuse or accident or is repaired or altered by unauthorized persons.

The above is a limited warranty, and it is the only warranty made by Integra Jarit. Integra Jarit makes no other warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose, as well as any express or implied warranty to patients. Integra Jarit shall have no liability for consequential, exemplary or incidental damages even if it is aware of the possibility of such damages. No warranty or guarantee may be created by any act or statement nor may this warranty be modified in any way, except as a result of a writing signed by an officer of Jarit. These limitations on the creation or modification of this warranty may not be waived or modified orally or by any conduct. The stated express warranty is in lieu of all liabilities or obligations of Integra Jarit arising out of, or in connection with, the delivery, use or performance of any Integra Jarit instrument. Integra Jarit neither assumes nor authorizes any representative or other person to assume for it any other liability in connection with Integra Jarit's products.

All products are subject to slight changes in dimensions and finishes due to changes in manufacturing standards.

### Ordering Procedure

A written purchase order on customer's form may be requested for purchase of Integra products.

### Acceptance of Order

Orders are accepted upon approval by Integra.

### Returned Goods Policy

Products must be returned in unopened packages with manufacturer's seals intact to be accepted for replacement or credit unless returned due to a complaint of product defect. Determination of a product defect will be made by Integra. Products will not be accepted for replacement if they have been in the possession of the customer for more than 90 days.

### Repairs and Maintenance

Should your instruments require repair or maintenance, contact Integra for return authorization and address. Instruments returned to Integra for repair must have a statement testifying that each instrument has been thoroughly cleaned and sterilized. Failure to supply evidence of cleaning and disinfection will result in a cleaning charge and delayed processing of your instrument repair.

### Product Information Disclosure

Integra and its subsidiaries ("Integra") and manufacturer exclude all warranties, except Integra's applicable standard warranty whether expressed or implied, including but not limited to, any implied warranties of merchantability or fitness for a particular purpose. Neither Integra nor manufacturer shall be liable for any incidental or consequential loss, damage, or expense, directly or indirectly arising from use of these products. Neither Integra nor manufacturer assume nor authorize any person to assume for them any other or additional liability or responsibility in connection with these products.

### Care and Handling/IFU

For Care and Handling information and Instructions for use, please visit [integralife.com/jarit](http://integralife.com/jarit).



Integra York PA, Inc.  
589 Davies Dr.  
York, PA 17402 USA  
[integralife.com/jarit](http://integralife.com/jarit)

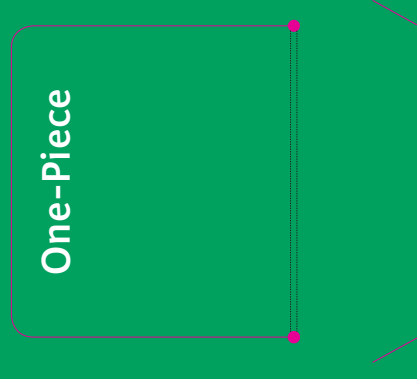


Miltex GmbH  
Muehlstrasse 6  
78604 Rietheim-Weilheim, Germany

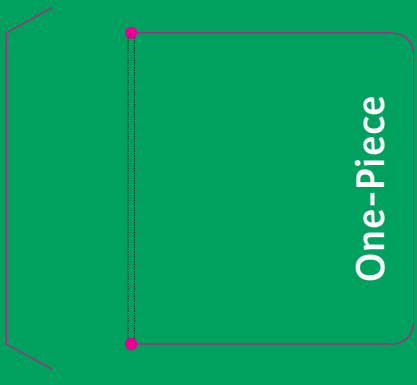


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# One-Piece



# One-Piece

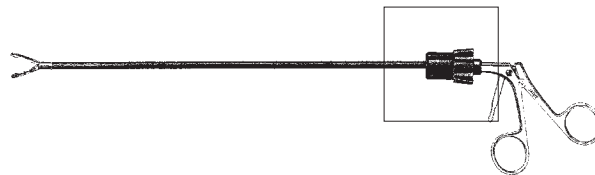


Stringent quality standards are the most important aspect in the development of Integra Jarit instruments. Laparoscopic instruments are designed, manufactured and tested to provide surgeons with superior performance and dependability. High grade surgical stainless steel, used in the manufacture of all Integra Jarit laparoscopic instruments, offers high tensile strength and durability. For effective and efficient processing, instruments are made with internal seals. To confirm electrosurgical safety, electrosurgical instruments are tested per IEC International Electromechanical Commission standards. Integra Jarit offers laparoscopic instruments with a choice of features to meet both the preference of the surgeon and the economic demands of the hospital.

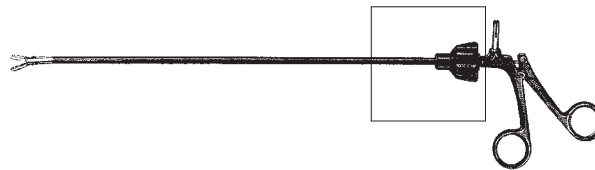
### Rotation

The Rotator design provides comfortable, single-handed, bi-directional rotation of the distal tip. The Rotator Instruments offer exclusive features to meet the technical requirements of blunt dissection, sharp dissection and grasping. Precise German engineering, combined with handcrafted workmanship, has resulted in the features of the Roto-Lok design for grasping forceps and the Roto-Cam design for dissectors and scissors.

**Roto-Lok:** When the traction/countertraction technique is applied during dissection, it is important to maintain an effective grasp on tissue. If the instrument rotates freely, the distal tip could slip, making dissection difficult. With Integra Jarit's unique Roto-Lok feature, rotation locks into place once the tissue is grasped. The result is a secure grasp that will not slip or spin.



**Roto-Cam:** The Roto-Cam design for dissectors and scissors allows the surgeon to easily turn the rotating wheel, yet provides enough tension to prevent unnecessary movement. The design enables rotation in both open and closed positions to facilitate precise dissection.



### Locking Mechanisms

Computer-generated production techniques employed in the precisely calibrated ratchet, hinge and locking mechanisms result in smooth, secure jaw closure.

**Ratchet:** The advanced design of the half-moon ratchet offers fine-teeth and a sturdy leaf-spring that is specially manufactured to maintain a firm hold.



**Locking Lever:** As an alternative to the ratchet, the sophisticated Integra Jarit locking lever engages and releases easily, yet maintains a firm hold. The locking lever offers the surgeon the ability to open and close the jaws freely, locking only when the surgeon chooses to engage the lever. The unique internal design adds built-in strength for a long, useful life.



**Slide Lock:** Featuring an ergonomic handle design, the slide locking mechanism is a different style of ratchet. It allows surgeons to operate the jaws freely until the sliding ratchet mechanism is engaged.



Integra Jarit grasping forceps feature a hinge mechanism to assure strength and durability. Precisely calibrated ratchets provide smooth, gradual closure of jaws. The easy-release locking lever offers the surgeon the ability to open and close the jaws freely, locking only when the lever is engaged.



#### Grasping Forceps

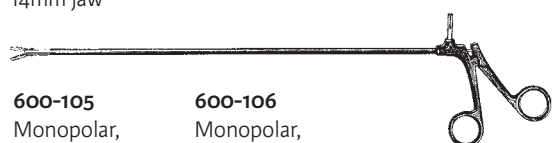
Straight, serrated jaws with proximal recess, double action.



**600-100**  
Ratchet,  
insulated shaft,  
5mm, 332.5mm  
12.5mm jaw



**625-100**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 334mm  
14mm jaw



**600-105**  
Monopolar,  
5mm, 332.5mm  
12.5mm jaw

**600-106**  
Monopolar,  
5mm, 462.5mm  
12.5mm jaw



**610-100**  
Roto-Lok  
Slide lock,  
insulated shaft,  
5mm, 321mm  
14mm jaw



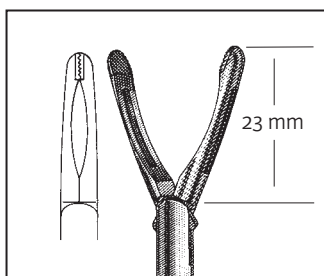
**605-100**  
Slide lock,  
insulated shaft,  
5mm, 322mm  
14mm jaw



**625-100LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 334mm  
14mm jaw



**625-105**  
Roto-Cam,  
monopolar,  
5mm, 342.5mm  
12.5mm jaw



#### TC Grasping Forceps

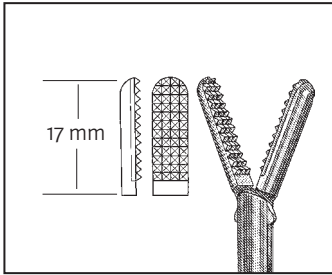
Uniquely designed grasping forceps feature double action Carb-Bite tips.



**625-102**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 343mm

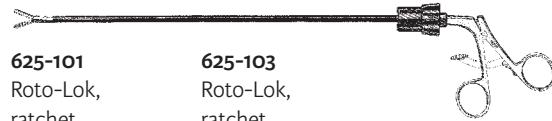


**625-102LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 343mm



## Strong TC Grasping Forceps

Heavy Carb-Bite inserts, double action.

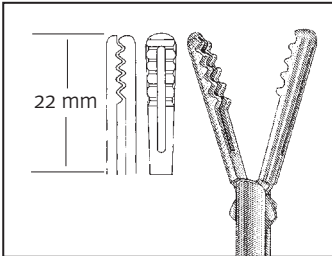


**625-101**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 326mm

**625-103**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 377mm



**625-103LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 377mm



## Grabber Forceps

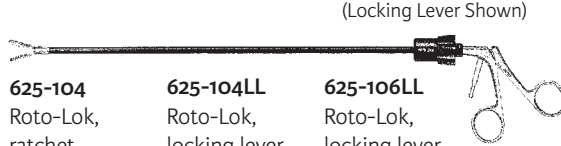
Long, fenestrated jaws with interlocking wave-like serrations, double action.



**610-104**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 380mm



**600-104IL**  
In-line,  
ratchet,  
insulated shaft,  
5mm, 378mm

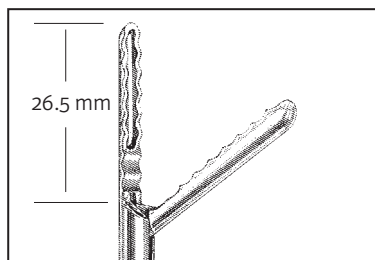


**625-104**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 382mm

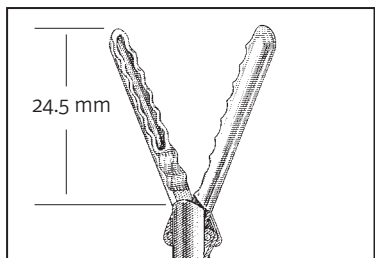
**625-104LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 382mm

**625-106LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 462mm

(Locking Lever Shown)



**Fundus Grasping Forceps**  
Long, beveled-edge jaws.

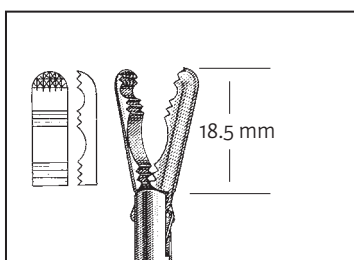


(Locking Lever Shown)

**625-107DA**  
Double action,  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 384mm

**625-107RD**  
Double action,  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 384mm

**625-107D5**  
Double action,  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 464mm



**Dual-Cup Grasping Forceps**  
Double cup design  
increases surface area  
contact, double action.



**610-107**  
Roto-Lok,  
slide-lock,  
insulated shaft,  
5mm, 381mm



**610-107DA**  
Double action,  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 382mm



**625-107**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 383mm

**625-107LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 383mm



**600-107IL**  
Double action,  
in-line, ratchet,  
insulated shaft,  
5mm, 380mm

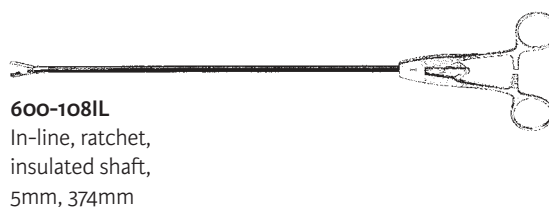


**610-108**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 326mm

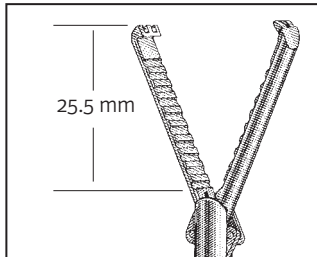
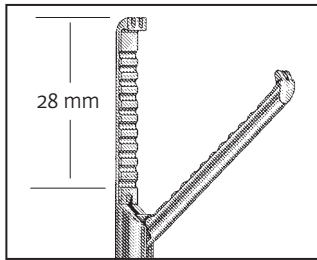


**625-108**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 338mm

**625-108LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 338mm



**600-108IL**  
In-line, ratchet,  
insulated shaft,  
5mm, 374mm



## Retraction Grasping Forceps

Long-ridged jaws with 2x3 blunt interdigitating teeth.



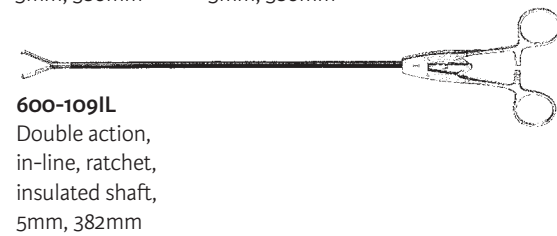
**625-109**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 383mm

**625-109LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 383mm

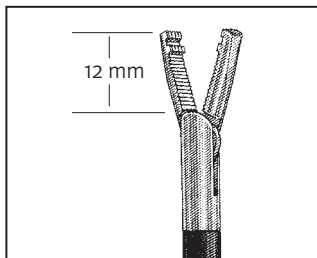


**625-109DA**  
Double action,  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 386mm

**625-109RD**  
Double action,  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 386mm



**600-109IL**  
Double action,  
in-line, ratchet,  
insulated shaft,  
5mm, 382mm



## Atrau-Allis Grasping Forceps

Unique jaw design offers strong atraumatic grasp, double action.



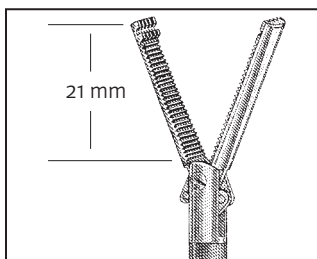
**625-113**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 332mm

**625-113LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 332mm



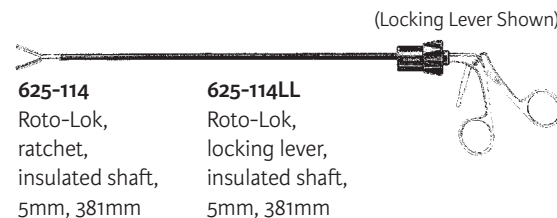
**600-113**  
Ratchet,  
insulated shaft,  
5mm, 332mm

**600-114**  
Ratchet,  
insulated shaft,  
5mm, 452mm



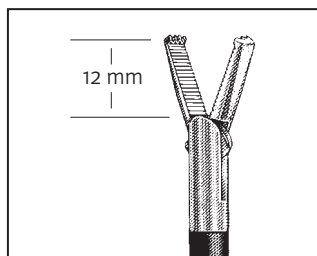
## Atrau-Allis Long Jaw Grasping Forceps

Unique jaw design offers strong atraumatic grasp, double action.



**625-114**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 381mm

**625-114LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 381mm



## Allis Grasping Forceps

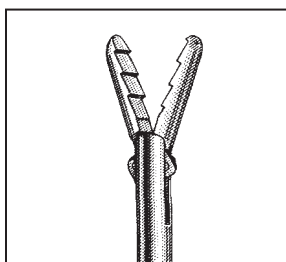
Interlocking distal teeth with fine-serrated inner jaws, double action.



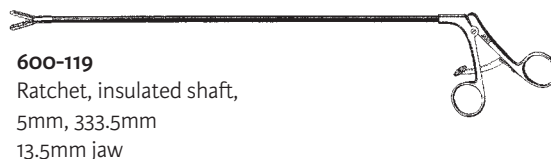
**600-122**  
Ratchet,  
insulated shaft,  
5mm, 332mm



**625-122**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 332mm



**Retrograde Grasping Forceps**  
Retrograde, deep-serrated teeth, double action.

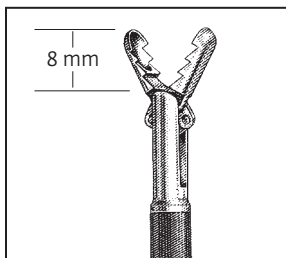


**600-119**  
Ratchet, insulated shaft, 5mm, 333.5mm, 13.5mm jaw



**600-116**  
Roto-Lok, ratchet, insulated shaft, 5mm, 331mm, 15mm jaw

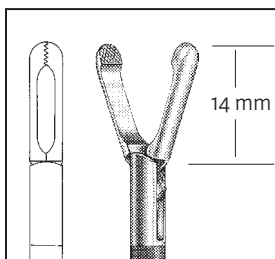
**600-118**  
Roto-Lok, ratchet, insulated shaft, 5mm, 462mm, 15mm jaw



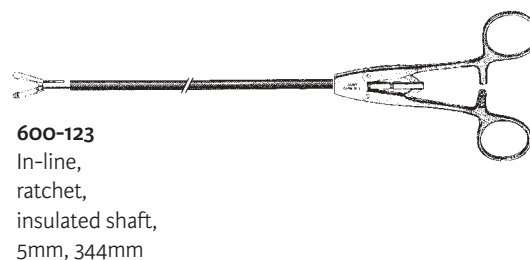
**Grasping and Dissecting Forceps**  
Cup-shaped, toothed jaws, double action.



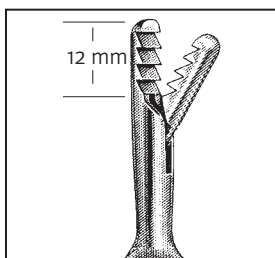
**600-120**  
Monopolar, 5mm, 328mm



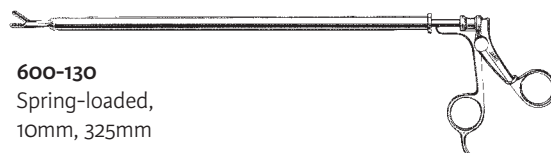
**Winer Grasping Forceps**  
Cross-serrated, disc-shaped jaws with wide opening between the jaws, in-line ratcheted handle.



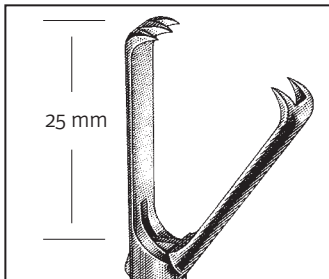
**600-123**  
In-line, ratchet, insulated shaft, 5mm, 344mm



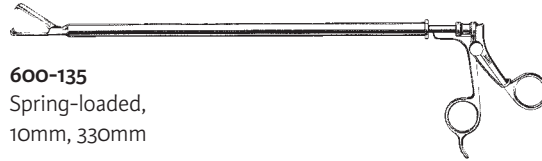
**Grasping and Extracting Forceps**  
Retrograde, deep-serrated teeth.



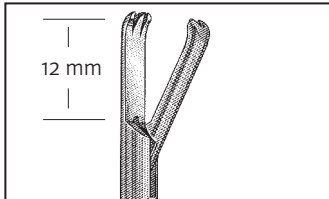
**600-130**  
Spring-loaded, 10mm, 325mm

**Claw Forceps**

2x3 interlocking teeth for penetrating hold and extraction of tissue.

**600-135**

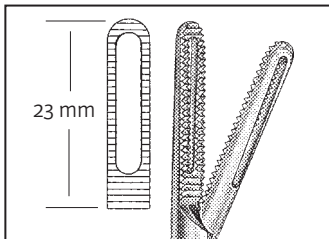
Spring-loaded, 10mm, 330mm

**Claw Forceps**

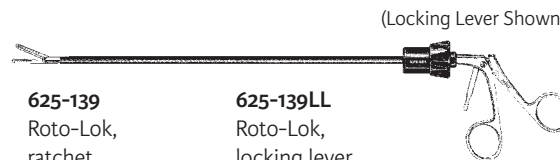
2x3 interlocking teeth for penetrating hold and extracting tissue.

**600-137**

Spring-loaded, insulated shaft, 5mm, 325mm

**DJB Grasping Forceps**

Wide fenestration and straight fine serrations of single action jaws.



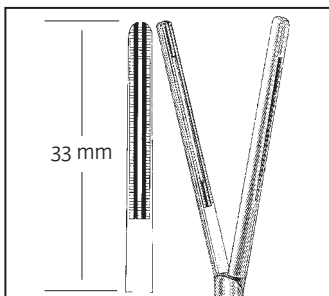
(Locking Lever Shown)

**625-139**

Roto-Lok, ratchet, insulated shaft, 5mm, 379mm

**625-139LL**

Roto-Lok, locking lever, insulated shaft, 5mm, 379mm

**DeBakey Forceps**

Fenestrated 40mm long jaws with DeBakey-type teeth, double action.

**610-140**

Roto-Lok, slide lock, insulated shaft, 5mm, 398mm

**610-140L**

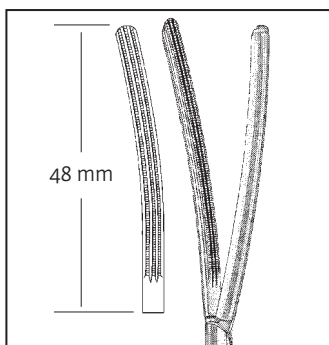
Roto-Lok, slide lock, insulated shaft, 5mm, 474mm

**600-140**

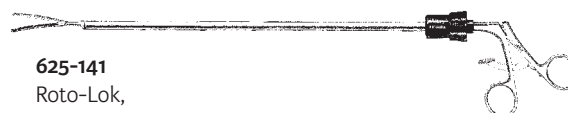
Ratchet, insulated shaft, 5mm, 384mm

**625-140LL**

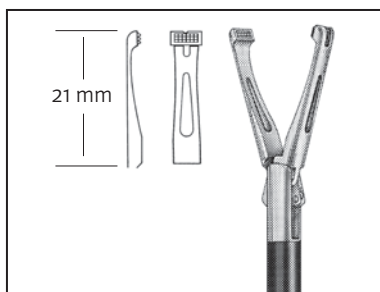
Roto-Lok, locking lever, insulated shaft, 5mm, 480mm

**DeBakey Forceps, Curved**

48mm long jaws with DeBakey-type teeth, double action.

**625-141**

Roto-Lok, ratchet, 10mm, 373mm

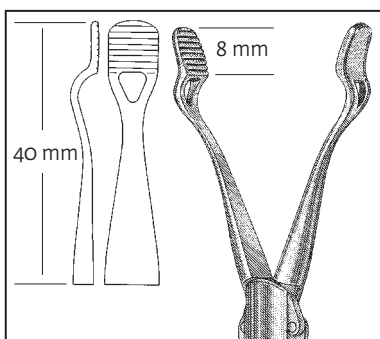


**Strong Hold Babcock Forceps**

Traditional design, double action.



**610-149**  
Roto-Lok, slide lock, insulated shaft, 5mm, 379mm

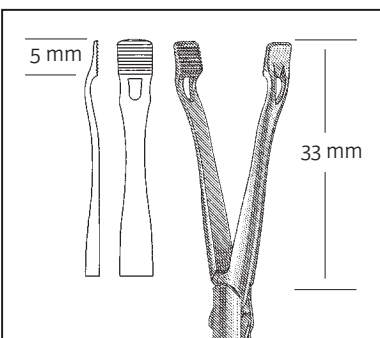


**Paddle Babcock Forceps, 10mm**

Flat paddles with fine, straight serrations, double action.

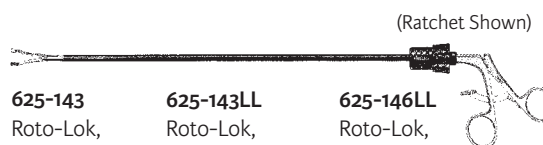


**625-142**  
Roto-Lok, ratchet, 10mm, 370mm



**Paddle Babcock Forceps, 5mm**

Flat paddles with fine, straight serrations, double action.



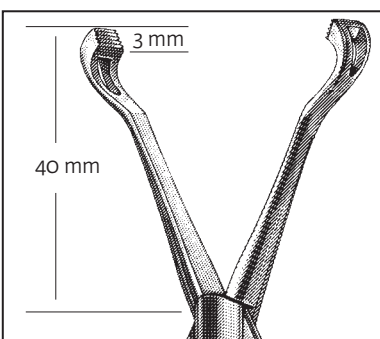
**625-143**  
Roto-Lok, ratchet, insulated shaft, 5mm, 393mm

**625-143LL**  
Roto-Lok, locking lever, insulated shaft, 5mm, 393mm

**625-146LL**  
Roto-Lok, locking lever, insulated shaft, 5mm, 473mm



**600-143LL**  
In-line, insulated shaft, ratchet, 5mm, 389mm

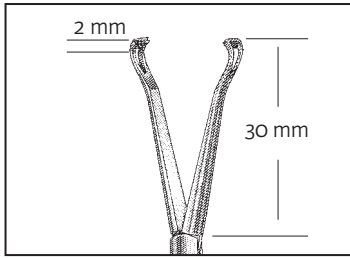


**Babcock Forceps**

Traditional style Babcock jaws designed with six rows of fine serrations, double action.



**625-144**  
Roto-Lok, ratchet, 10mm, 370mm



**Babcock Forceps, 5mm**

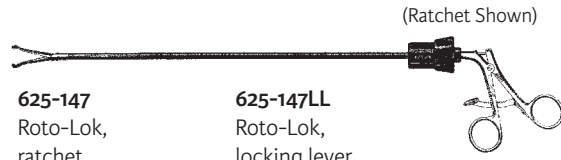
Traditional design, double action.



**600-147**  
Ratchet,  
insulated shaft,  
5mm, 350mm



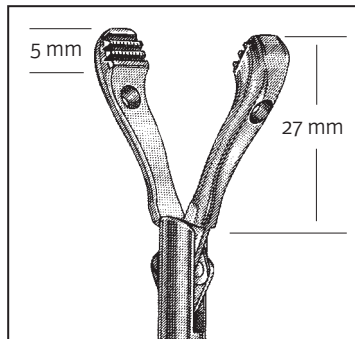
**610-147**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 388mm



**625-147**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 390mm

**625-147LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 390mm

(Ratchet Shown)

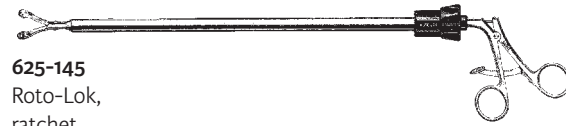


**Babcock Forceps, Round Jaw**

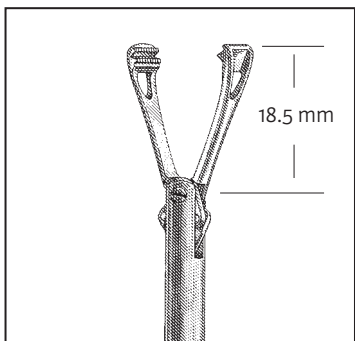
Rounded jaws with 2x3 rows of DeBakey-type teeth, double action.



**600-145**  
Ratchet,  
10mm, 346mm



**625-145**  
Roto-Lok,  
ratchet,  
10mm, 330mm



**Swanström Grasping Forceps**

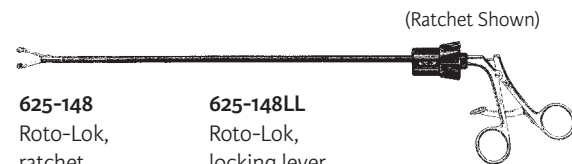
Unique design of 1x2 DeBakey-type teeth with triangular fenestration, double action.



**610-148**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 376mm



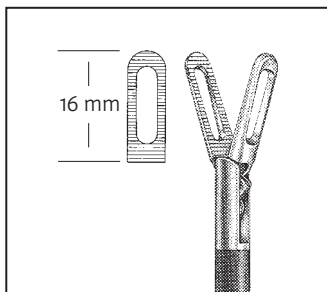
**600-148IL**  
In-line,  
insulated shaft,  
ratchet,  
5mm, 374mm



**625-148**  
Roto-Lok,  
ratchet,  
insulated shaft,  
5mm, 378mm

**625-148LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 378mm

(Ratchet Shown)

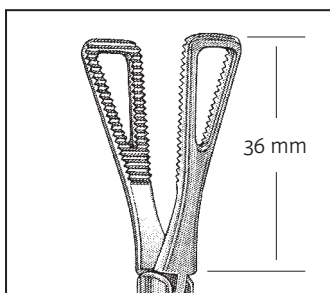


**Duckbill Grasping Forceps**

Wide fenestration and straight serrations of jaws.

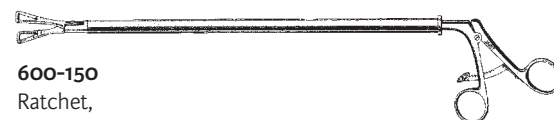


**625-118**  
Roto-Cam,  
monopolar,  
5mm, 350mm



**Duval Grasping Forceps**

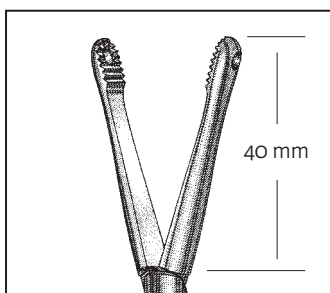
Triangular jaws with deep-serrated surfaces, double action.



**600-150**  
Ratchet,  
10mm, 331mm



**625-150**  
Roto-Lok,  
ratchet,  
10mm, 335mm

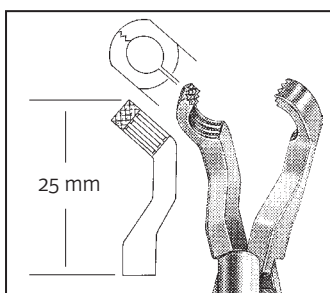


**Russian Grasping Forceps**

40mm long jaws with heavy serrations, double action.



**600-154**  
Ratchet,  
10mm, 331mm

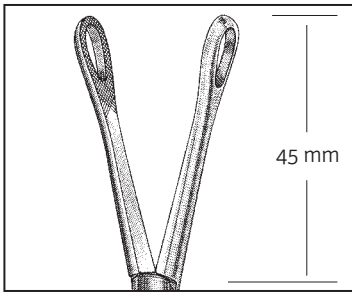


**Anvil Grasping Forceps**

Jaws specially shaped to grasp and hold the anvil of a circular stapler.



**625-154**  
Roto-Lok,  
ratchet,  
10mm, 370mm

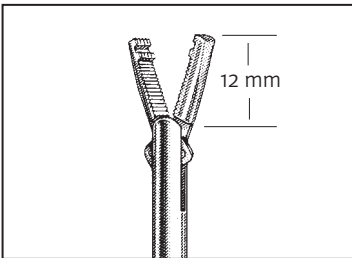


**Foerster  
Sponge Forceps**

45mm jaws,  
double action.



**600-158**  
Ratchet,  
10mm, 335mm

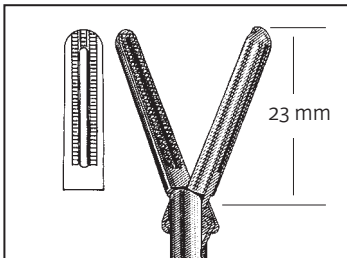


**Hunter Clamp**

Right-angle shaft with  
Atrau-Allis teeth,  
double action.



**600-160**  
Ratchet,  
5mm, 321mm



**Hunter Bowel Grasper**

Fenestrated jaws with  
DeBakey-type teeth,  
double action.



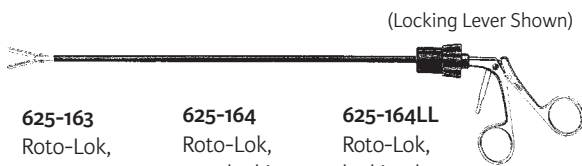
**610-163**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 330mm

**610-164**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 381mm



**600-164IL**  
In line,  
non-ratcheted  
insulated shaft,  
5mm, 379mm

**610-165**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 457mm



(Locking Lever Shown)

**625-163**  
Roto-Lok,  
non-locking,  
insulated shaft,  
5mm, 322mm

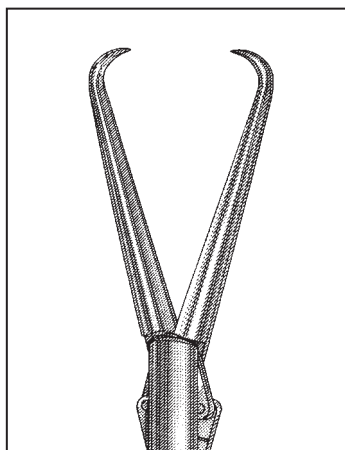
**625-164**  
Roto-Lok,  
non-locking,  
insulated shaft,  
5mm, 383mm

**625-164LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 383mm

**625-165LL**  
Roto-Lok,  
locking lever,  
insulated shaft,  
5mm, 463mm



**610-166**  
Roto-Lok,  
slide lock,  
insulated shaft,  
5mm, 403mm,  
45mm jaw length

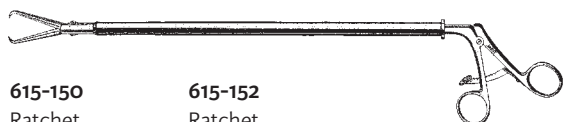


### Tenaculum Forceps

Single-toothed  
long jaws,  
double action.

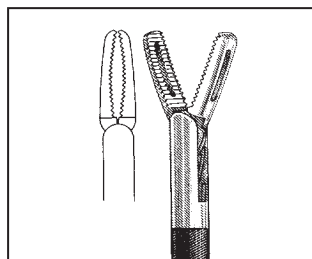


**605-152**  
Slide Lock,  
insulated shaft,  
5mm 339mm  
31mm jaw



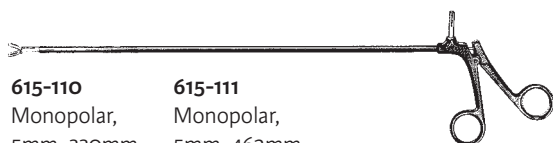
**615-150**  
Ratchet,  
insulated shaft  
10mm, 363mm  
37mm jaw

**615-152**  
Ratchet  
insulated shaft  
5mm, 350mm  
31mm jaw



### Strong Forceps

Fenestrated, serrated,  
oval-shaped jaws that  
converge at distal end,  
double action.

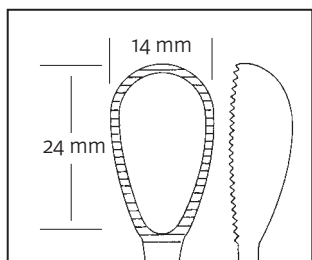


**615-110**  
Monopolar,  
5mm, 330mm  
12mm jaw

**615-111**  
Monopolar,  
5mm, 462mm  
12mm jaw

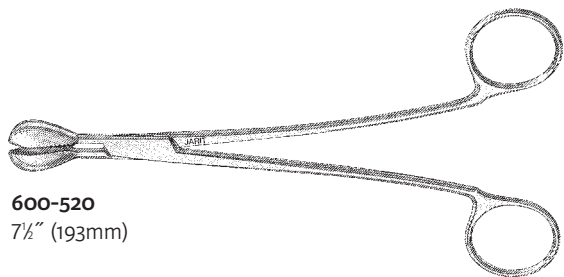


**615-109**  
Roto-Lok,  
5mm, 329mm  
13.5mm jaw

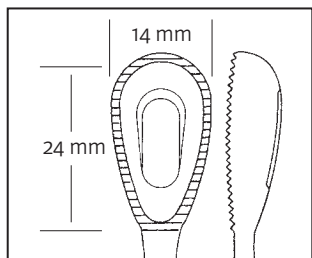


### Stone Extractor

To facilitate stone  
removal once neck of  
gallbladder has been  
externalized.

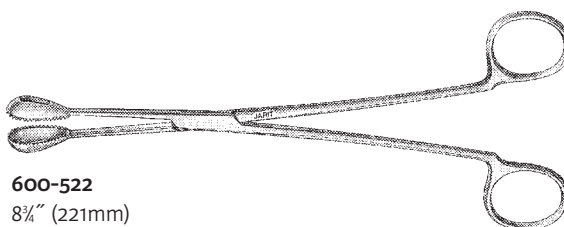


**600-520**  
7 1/2" (193mm)

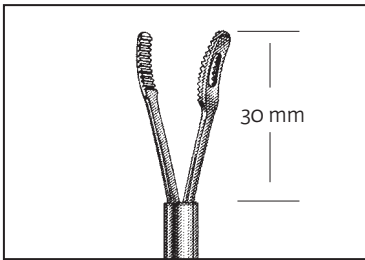


### Lobe Spleen Extractor

Open cupped jaws  
for extraction of the  
spleen during  
laparoscopic  
splenectomy.



**600-522**  
8 3/4" (221mm)


**Strong Atraumatic Grasping Forceps**

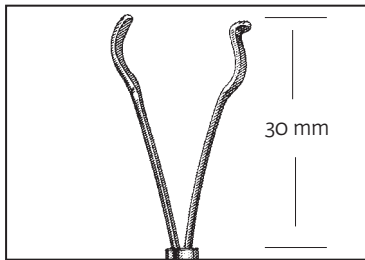
Fenestrated, serrated, curved jaws with split-steel construction.


**615-113**

Spring handle,  
5mm, 340mm

**615-114**

Spring handle,  
5mm, 480mm


**Grasping Forceps, Fallopian Tube**

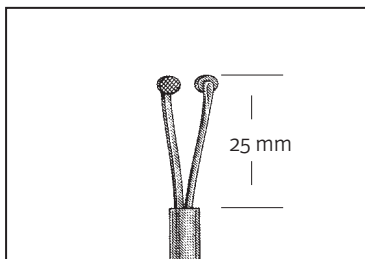
Curved jaws with split-steel construction.


**615-116**

Spring handle,  
5mm, 340mm

**615-118**

Spring handle,  
5mm, 460mm


**Bowel Forceps**

Cross-serrated, disc-shaped jaws with split-steel construction.

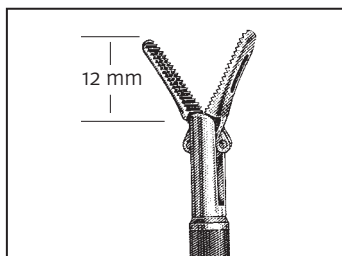

**615-143**

Spring handle,  
5mm, 336mm

**615-144**

Spring handle,  
5mm, 456mm

Integra Jarit dissecting forceps are specially designed with the varied needs and preferences of the surgeon in mind — from fine, precise dissection around delicate tissue to gross dissection of large structures.

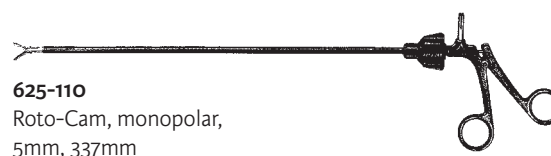


**Micro Dissecting Forceps**

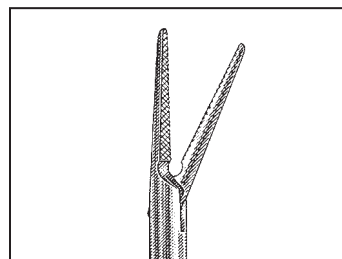
Delicate, fenestrated, serrated jaws, double action.



**600-110**  
Monopolar,  
5mm, 332mm



**625-110**  
Roto-Cam, monopolar,  
5mm, 337mm



**Needle Nose Forceps**

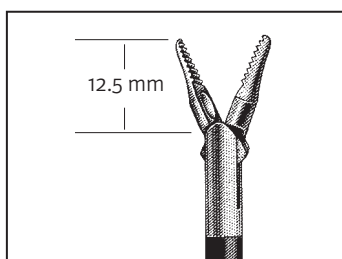
Slender, tapered and fine-serrated jaws.



**600-112**  
Monopolar,  
5mm, 330mm  
18.5mm jaw



**625-112**  
Roto-Cam,  
monopolar,  
5mm, 345mm  
19mm jaw



**Tapered Dissecting Forceps**

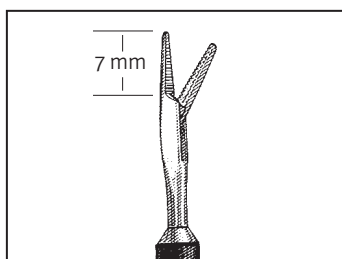
Tips of serrated, tapered jaws meet at fine point, double action.



**600-115**  
Monopolar,  
5mm, 332.5mm



**625-115**  
Roto-Cam,  
monopolar,  
5mm, 342.5mm

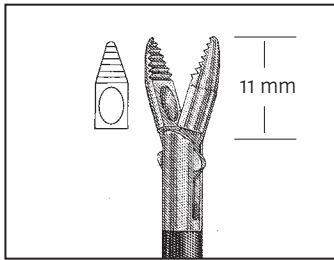


**Micro Grasping Forceps**

Slender, tapered jaws for dissection of small structures.



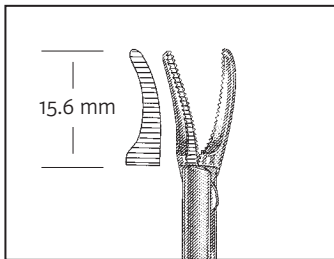
**600-117**  
Monopolar,  
5mm, 330mm


**Bullet-Nose  
Dissecting Forceps**

Bullet-shaped, tapered,  
serrated jaws for dissection,  
double action.



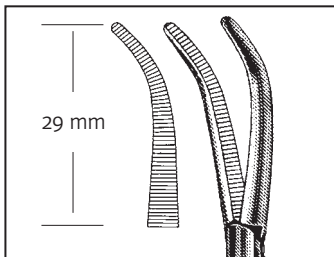
**625-117**  
Roto-Cam,  
monopolar,  
5mm, 341mm


**Tapered Maryland  
Dissector**

Curved, finely-tapered,  
serrated jaws with wide  
spread, double action.



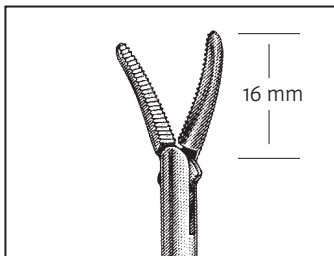
**625-124**  
Roto-Cam,  
monopolar,  
5mm, 345.5mm


**Maryland Dissector**

Slender, full-curved, long,  
serrated jaws with wide  
spread, double action.



**625-125**  
Roto-Cam,  
monopolar,  
10mm, 339mm


**Maryland Dissectors**

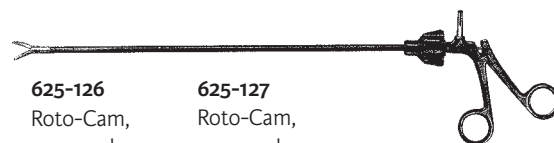
Curved, tapered,  
serrated jaws with wide  
spread, double action.



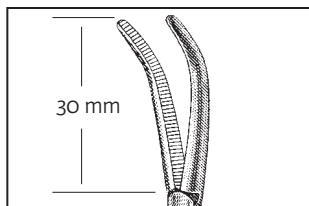
**600-126**  
Monopolar,  
5mm, 326mm



**600-125**  
Monopolar,  
10mm, 325mm

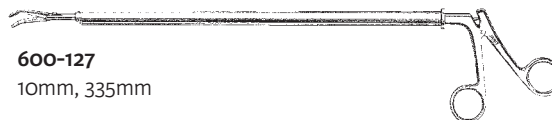


**625-126**      **625-127**  
Roto-Cam,      Roto-Cam,  
monopolar,      monopolar,  
5mm, 346mm      5mm, 450mm

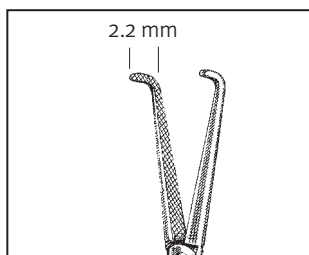


**Mixer Dissecting Forceps**

Slender, full-curved, long, serrated jaws with wide spread, double action.



**600-127**  
10mm, 335mm



**Mixer Spreader-Dissectors**

Jaw design offers a true right-angle for dissection around delicate structures, double action.



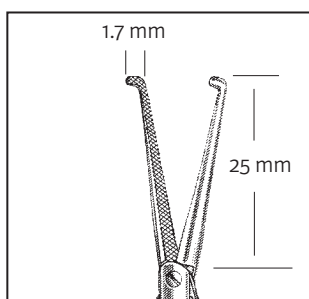
**625-128**  
Roto-Cam,  
monopolar,  
10mm, 320mm  
26mm jaw



**600-128**  
10mm, 322mm  
27mm jaw

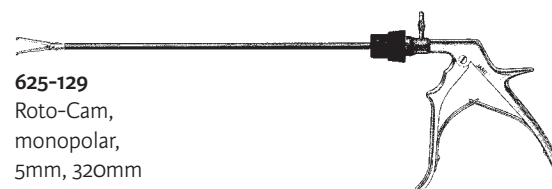


**625-128RH**  
Roto-Cam,  
monopolar,  
ring-handle,  
10mm, 319mm  
26mm jaw

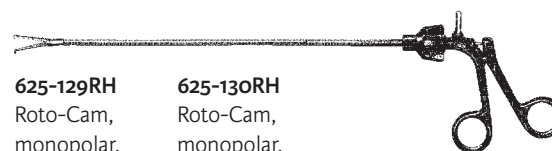


**Mixer Spreader-Dissectors**

Jaw design offers a true right-angle for dissection around delicate structures; double action.

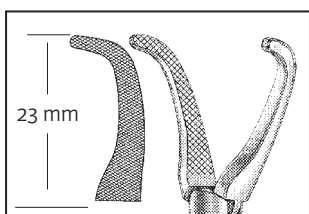


**625-129**  
Roto-Cam,  
monopolar,  
5mm, 320mm



**625-129RH**  
Roto-Cam,  
monopolar,  
ring-handle,  
5mm, 318mm

**625-130RH**  
Roto-Cam,  
monopolar,  
ring-handle,  
5mm, 463mm

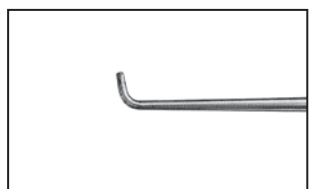


**Right Angle Dissector**

Cross-serrated jaws with full right angle; double action



**625-132**  
Roto-Cam,  
monopolar,  
10mm, 360mm

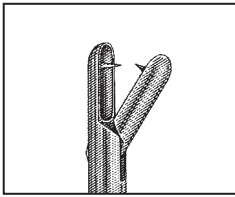


**Appel Dissecting Hook**

Right-angle tip allows blunt dissection and isolation of structures.

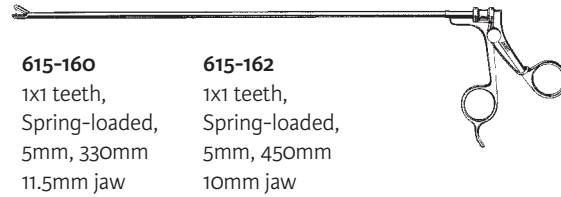


**600-500**  
10mm, 406.5mm



### Biopsy Forceps

Two sharp teeth, one on each jaw, for biopsy or hold of thick-walled tissue.

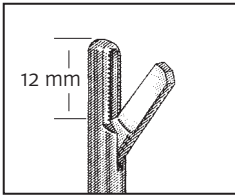


#### 615-160

1x1 teeth,  
Spring-loaded,  
5mm, 330mm  
11.5mm jaw

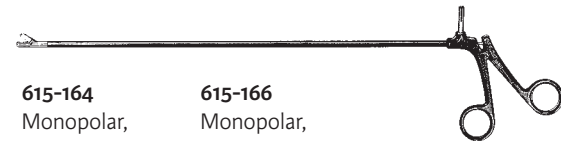
#### 615-162

1x1 teeth,  
Spring-loaded,  
5mm, 450mm  
10mm jaw



### Biopsy Punches

Serrated lower jaw.

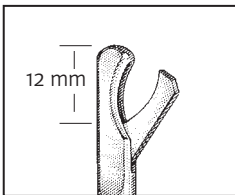


#### 615-164

Monopolar,  
5mm, 330mm

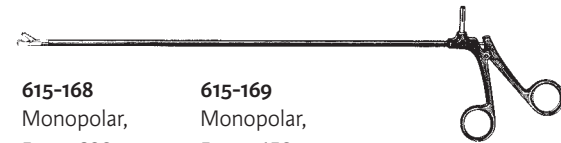
#### 615-166

Monopolar,  
5mm, 450mm



### Hook Biopsy Punches

Frangenheim-type electro-surgical biopsy punch with hook blade.

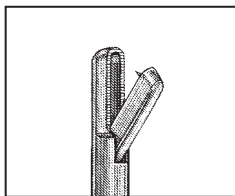


#### 615-168

Monopolar,  
5mm, 320mm

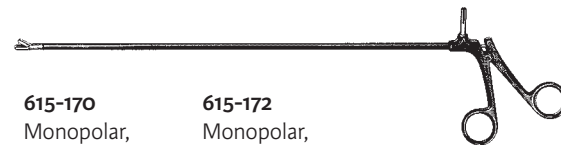
#### 615-169

Monopolar,  
5mm, 450mm



### Biopsy Punches

Single tooth in upper jaw.

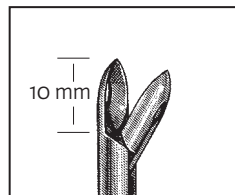


#### 615-170

Monopolar,  
5mm, 330mm  
9.5mm jaw

#### 615-172

Monopolar,  
5mm, 450mm  
12mm jaw



### Biopsy Forceps

Oval-shaped fenestrated jaws.

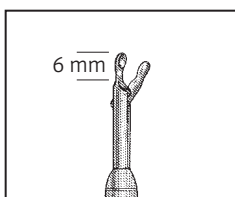


#### 615-174

Monopolar,  
5mm, 325mm

#### 615-176

Monopolar,  
5mm, 445mm



### Micro Biopsy Forceps

For biopsy of small, delicate tissues.

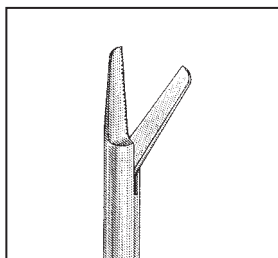


#### 615-178

Spring-loaded,  
5mm, 330mm

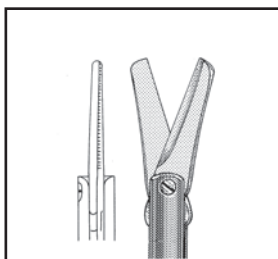
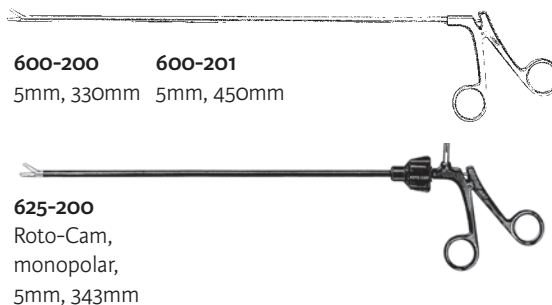
The Integra Jarit scissors line was developed by utilizing advanced metallurgy, as well as innovative methods of grinding and sharpening. The result — scissors that cut cleanly and stay sharp.

The exclusive Integra Jarit Supercut blade is razor sharp and glides effortlessly through tissue with a clean, precise cut. The finely-serrated lower blade helps prevent tissue slippage.



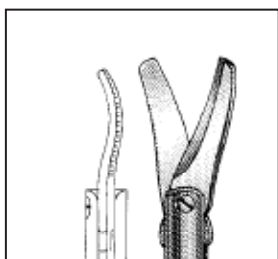
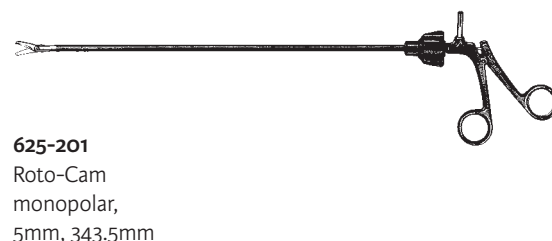
#### Supercut Scissors

Razor-sharp upper blade with finely-serrated lower blade.



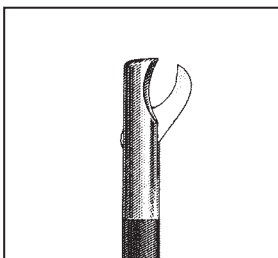
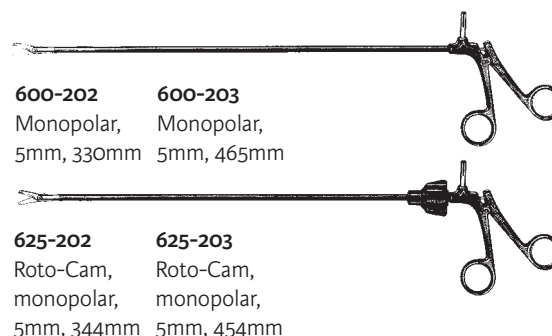
#### Supercut Endo Scissors, Straight

Electrosurgical instrument with straight, Integra Jarit Supercut blades and precise cutting action offers mechanical cutting, electrosurgical cutting, blunt dissection, electrosurgical coagulation—all in one reusable, cost-effective instrument; double action.



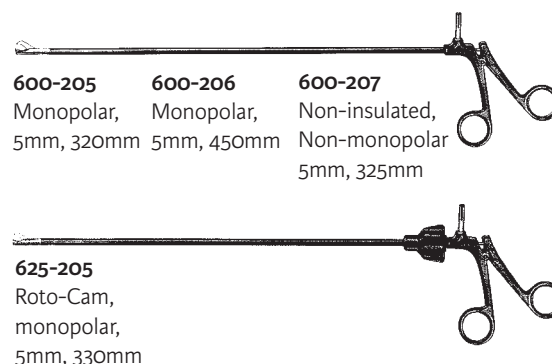
#### Supercut Endo Scissors, Curved

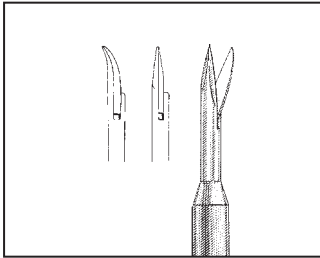
Electrosurgical instrument with curved, Integra Jarit Supercut blades and precise cutting action offers mechanical cutting, electrosurgical cutting, blunt dissection, electrosurgical coagulation—all in one reusable, cost-effective instrument; double action.



#### Hook Scissors

Blades designed to lift, isolate and transect tissue.

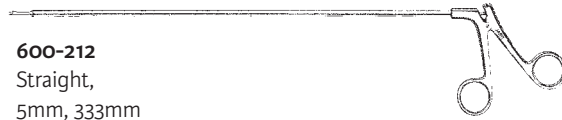


**Micro Scissors**

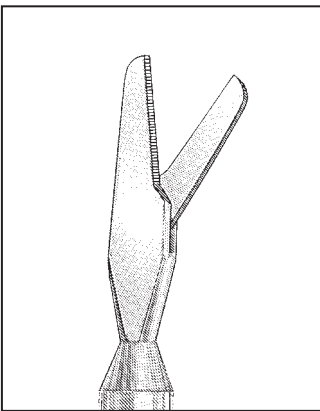
Fine, delicate, 3mm  
blades for small incision.

**600-210**

Curved Left,  
5mm, 333mm

**600-212**

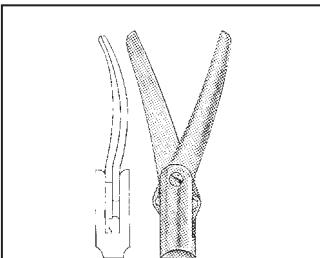
Straight,  
5mm, 333mm

**Mayo Operating Scissors**

Large, sturdy blades for  
incising heavy tissue.

**600-220**

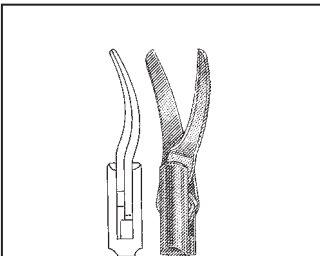
10mm, 330mm

**Metzenbaum Scissors**

Long, curved, tapered  
blades with wide  
spread, double action.

**625-230**

Roto-Cam,  
monopolar,  
5mm, 338mm

**Mini Scissors**

Curved, tapered,  
delicate blades,  
double action.

**625-240**

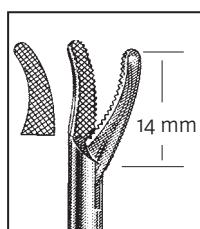
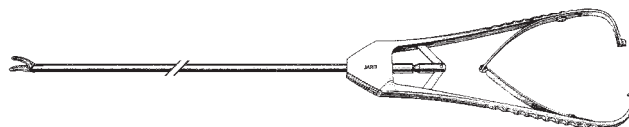
Roto-Cam,  
monopolar,  
5mm, 335mm

The difficult task of laparoscopic suturing is more manageable with Integra Jarit's Ligation Line of unique instruments for both intracorporeal and extracorporeal suturing. The line features the Appel Needle Holders, which give the surgeon improved control of curved needles. These high quality laparoscopic instruments offer an ergonomically designed handle that places the surgeon's hand in line with the needle, resulting in a natural suturing motion, along with a leaf-spring mechanism that is engaged with speed and ease. The curved, tapered jaws permit fine control of the needle together with improved visibility at the suture site. Integra Jarit's Carb-Bite jaws allow for a firm, secure grip on the needle and long, useful life of the instrument. Alternative needle holder options include the In-line ring-handle Needle Holder and the Self-Righting Romeo Needle Holder.

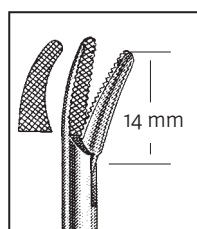
Also featured are the Lyons Needle Forceps and Juliet Receiving Forceps. These unique instruments are specially designed to work in conjunction with the needle holder to achieve an efficient laparoscopic suturing technique. Functioning as a tissue forceps, the tapered jaws grasp and retract tissue for needle placement without obstructing visualization. Functioning as a receiver, the driven needle is grasped at the tip. The design then allows the needle to be easily repositioned within the jaw for re-grasping by the needle holder at the appropriate angle.

#### Appel Needle Holders

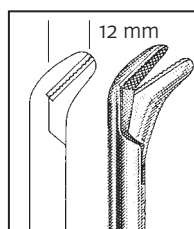
Tapered jaws stabilize the needle while allowing better visibility at the suture site; Carb-Bite jaws are designed for a firm, secure grip on the needle and long life of the instrument.



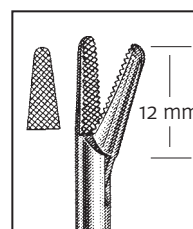
**600-250**  
Left Curve,  
5mm, 330mm



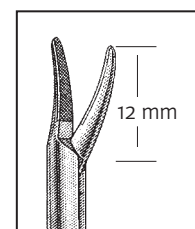
**600-252**  
Right Curve,  
5mm, 330mm



**600-255**  
Up-Angle,  
10mm, 330mm



**600-260**  
Straight,  
5mm, 330mm

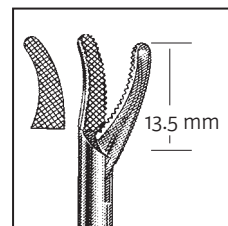
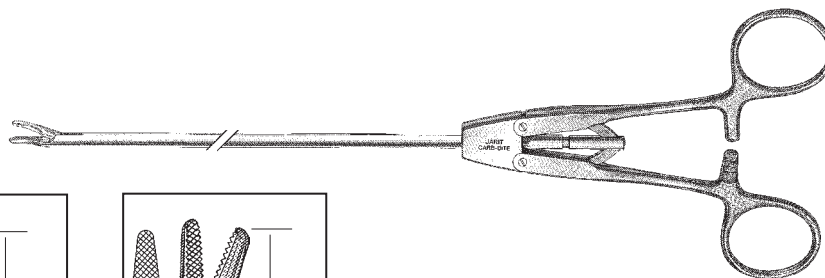


**600-264**  
Micro, Left Curve,  
5mm, 330mm

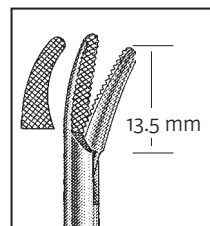
**600-249**  
Left Curve, 5mm, 450mm

#### In-line Carb-Bite Needle Holders

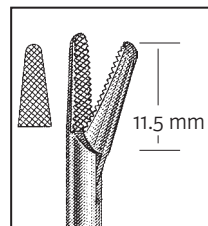
In-line ring handle offers a handle design similar to that used in open surgery with the same superior hold of needles.



**600-251**  
Left Curve,  
5mm, 330mm

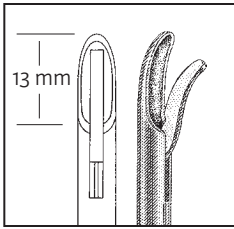


**600-253**  
Right Curve,  
5mm, 330mm



**600-261**  
Straight,  
5mm, 330mm

**600-254**  
Left Curve, 5mm, 450mm



## Romeo Self-Righting Needle Holder

Up-curved, Jarit Stardust jaws self-right curved needles; needles held very securely at any angle within the jaws.

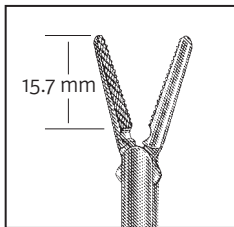


**600-266**

Up-curve,  
5mm, 325mm

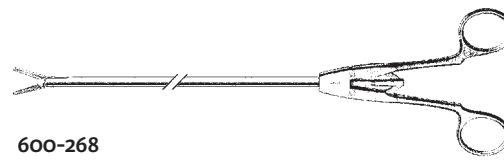
**600-267**

Up-curve,  
5mm, 450mm



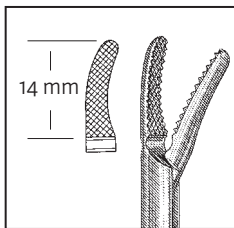
## Lyons Needle Forceps

Tapered, cross-serrated jaws grasp and retract tissue for needle placement without obstructing visualization; allows the needle to be easily repositioned within the jaw for re-grasping by the needle holder at the appropriate angle; in-line handle places hand in same line as that with needle holder for more efficient suturing process, double action.



**600-268**

5mm, 330mm



## Juliet Receiving Forceps

Right curved jaws with contained hinges facilitate intracorporeal knot tying; cross-serrated jaws for tissue control during suturing.

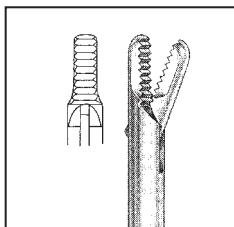


**600-269**

Curved right,  
5mm, 330mm

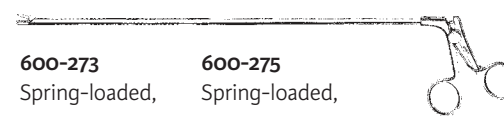
**600-271**

Curved right,  
5mm, 450mm



## Needle Holders

Straight serrations on jaws designed to grasp straight needle securely.



**600-273**

Spring-loaded,  
3mm, 330mm  
7mm jaw

**600-275**

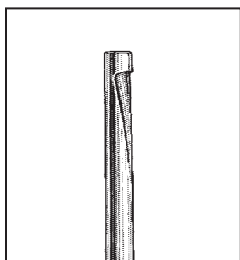
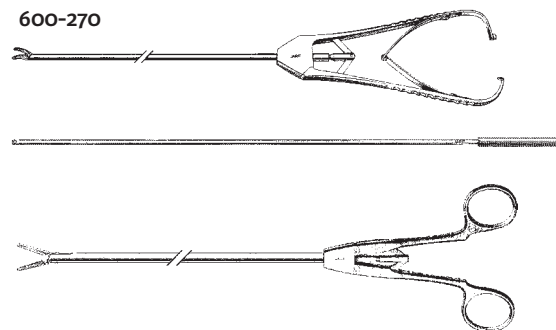
Spring-loaded,  
5mm, 330mm  
9mm jaw

### Suturing Set

The Integra Jarit Suturing Set offers instruments required for endoscopic suturing. The standard set, provided in a wooden case includes:

Appel Needle Holder (600-250)  
Lyons Needle Forceps (600-268)  
Knot Pusher (600-289).

**600-270**



### Appel Knot Pushers

Unique design facilitates the guiding of extracorporeal knots to suture site; knots can be tied and passed without repositioning the knot pusher; the twisting of suture that is experienced with standard knot pushers is minimized.

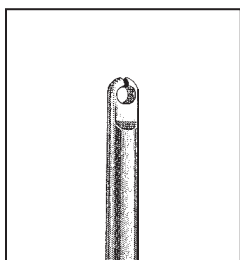


**600-285**

10mm,  
410mm total length

**600-287**

5mm,  
410mm total length



### Knot Pusher

Classic design for guiding of extracorporeal knots to suture site.



**600-289**

4mm,  
350mm total length

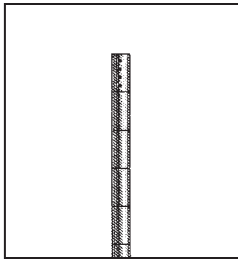
### Endoloop Applicator

Allows placement of endoloop suture intraperitoneally.



**600-240**

5mm to 3mm, 175mm

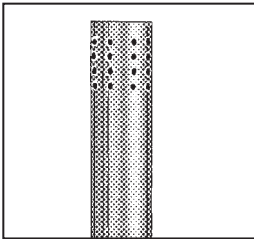


### Suction/Irrigation Cannulas

Dual trumpet valves for suction and irrigation; laser guide (fiber insert) and three additional seals included.

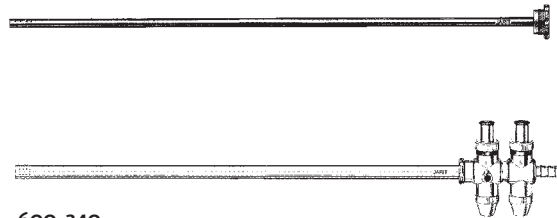


|                |                |
|----------------|----------------|
| <b>600-320</b> | <b>600-322</b> |
| 5mm, 350mm     | 5mm, 280mm     |

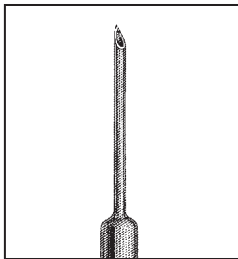


### Suction/Irrigation Set

Set includes handpiece, 10mm cannula for aspiration of hematomas, gallstones, and viscous drainage, and 5mm cannula for standard suction/irrigation; suction connection straight off end minimizes clogging of cannula and sticking of valves and allows for stronger vacuum pressures; 3.5mm cannulas available.



**600-340**  
 Suction/irrigation cannula  
 10mm, 330mm color coded  
 Includes 5mm and 10mm cannulas



### Puncture Needles with Irrigation

Large bore needle (19 Gauge to 17 Gauge) with Luer-Lok fitting for irrigation or aspiration.

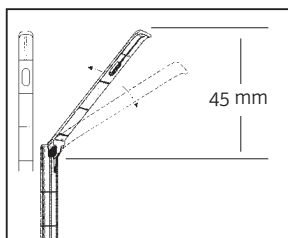
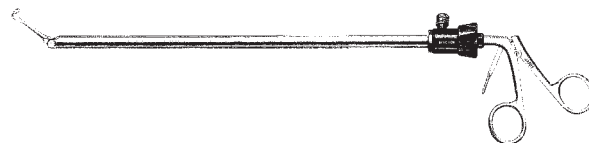


|                |                |
|----------------|----------------|
| <b>600-490</b> | <b>600-491</b> |
| 5mm, 330mm     | 5mm, 450mm     |

Integra Jarit Articulators offer unique articulating instruments for retraction and dissection of veins, nerves, esophagus, and other structures. With the open/close action of the handle, the distal arm smoothly angles from 0° to 90° improving the speed and ease of articulation.

#### Articulators

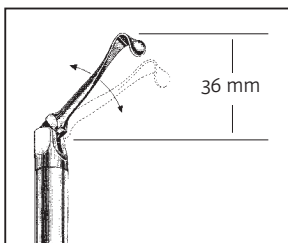
Articulate rapidly from 0° to 90°; bi-directional ROTO-LOK wheel.



#### Herron Articulator Bar Retractor

Straight arm for dissection and retraction; keyhole for holding suture (e.g., anvil placement).

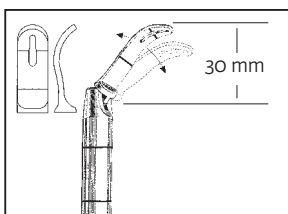
**600-580**  
Roto-Lok,  
locking lever,  
5mm, 405mm



#### Vein/Nerve Retractor

U-shaped distal tip for atraumatic retraction of veins, nerves, etc.

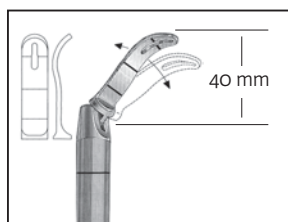
**600-582**  
Roto-Lok,  
locking lever,  
10mm, 365mm



#### Articulator Retractor

S-shaped distal tip for atraumatic retraction of the esophagus; keyhole for maneuvering penrose drain or LAP-BAND® System.

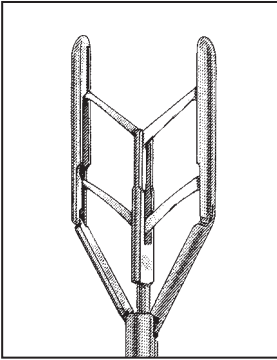
**600-584**  
Roto-Lok,  
locking lever,  
10mm, 410mm



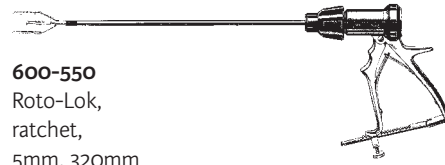
#### Articulator Retractor

S-shaped distal tip for atraumatic retraction of the esophagus; keyhole for maneuvering penrose drain or LAP-BAND® System.

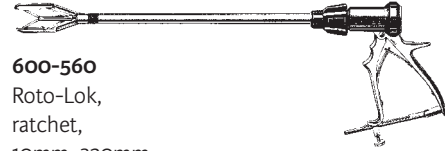
**600-585**  
Roto-Lok,  
locking lever,  
10mm, 420mm


**P.E.E.R. Retractors**

Atraumatic, telescoping blades allow for elevation, retraction and mobilization of organs and tissues, while permitting optimum visualization of surgical field; fully rotatable shaft and locking mechanism combine for versatile instrument placement with stationary positioning; bar ratchet with lock secures jaws in open position; black ring at distal shaft provides identifiable mark to assure jaws have cleared cannula.


**600-550**

Roto-Lok,  
ratchet,  
5mm, 320mm  
48mm retractor jaw length


**600-560**

Roto-Lok,  
ratchet,  
10mm, 320mm  
68mm retractor jaw length


**600-540**
**Fan Retractor**

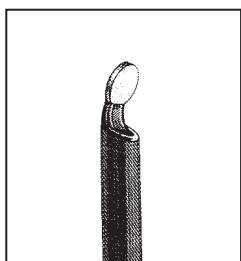
Working length 380mm  
Five Finger Liver Elevator  
with up to 60° spread and  
80° Lift Functions, 10mm  
58mm fan blade length, in  
closed position.

For surgeons who prefer electrosurgical dissection, Integra Jarit has designed electrosurgical instruments to meet their specific needs. On the monopolar electrodes, the distal tip is partially insulated to assure that electricity is delivered to the tissue the surgeon has targeted. The Integra Jarit coagulator handle offers a large, comfortable surface for the surgeon's hand. The channel and trumpet valve allow quick and easy aspiration of smoke. For the surgeon who does not require smoke aspiration, cost-effective, fully insulated electrodes are available.

Bipolar instruments are designed with micro tips for effective coagulation of fine, superficial vessels, and with grasping action for electrosurgical coagulation of blood vessels.

**(Note: The bipolar grasping forceps are not for use with tubal ligation.)**

### Suction Coagulators

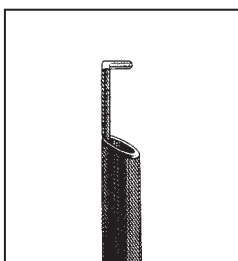


#### Spatula Tip Suction Coagulator

Smooth, arched, partially insulated spatula tip.

**600-300**

5mm, 330mm

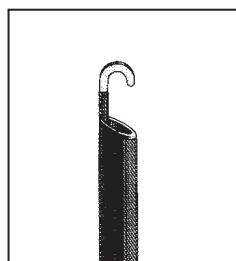


#### L-shaped Hook Suction Coagulator

Partially insulated right angle tip.

**600-305**

5mm, 330mm

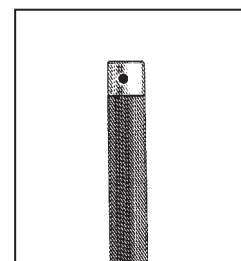


#### Hook End Suction Coagulator

Partially insulated hook tip.

**600-310**

5mm, 330mm



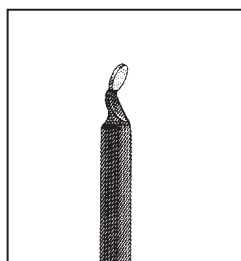
#### Blunt Suction Coagulator

Blunt, open-ended distal tip.

**600-315**

5mm, 330mm

### Electrodes



#### Spatula Electrodes

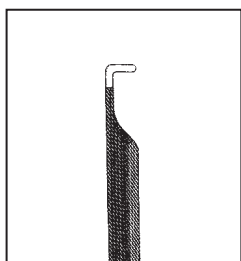
Smooth, arched, partially insulated spatula tip.

**600-317**

5mm, 330mm

**600-317L**

5mm, 450mm



#### L-shaped Hook Electrodes

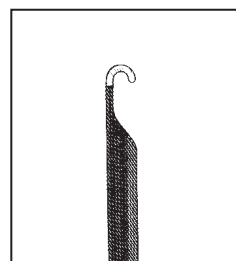
Partially insulated right angle tip.

**600-318**

5mm, 330mm

**600-318L**

5mm, 450mm



#### Hook Electrodes

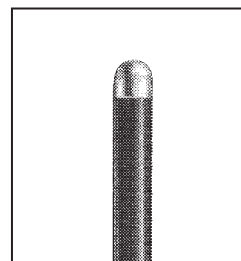
Partially insulated hook tip.

**600-319**

5mm, 330mm

**600-319L**

5mm, 450mm



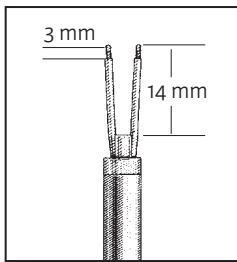
#### Ball Electrode

Ball tip.

**600-316**

5mm, 370mm

### Bipolar Forceps



#### Micro Bipolar Forceps

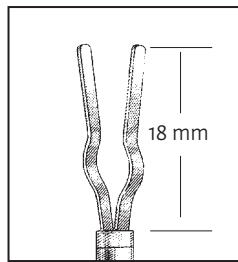
Fine, pointed distal tip for coagulation of surface blood vessels.

**615-330**

5mm, 336mm

**615-331**

5mm, 446mm



#### Large Bipolar Forceps

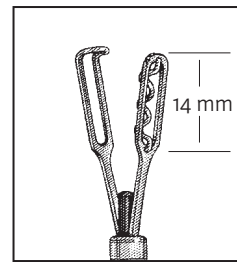
Flat 3mm wide jaws for bipolar coagulation of blood vessels.

**615-334**

5mm, 347mm

**615-335**

5mm, 457mm



#### Grasping Bipolar Forceps

Wave-like jaw for bipolar coagulation of blood vessels.

**615-338**

5mm, 343mm

**615-339**

5mm, 453mm

### Electrosurgical Accessories

**IMPORTANT:** When disconnecting electrosurgical cables from the generator or instrument, always grasp the cables by the connector only. Never pull the cable by the cord. Do not use instruments or cables if the insulation is not fully intact.



#### Monopolar Cable

**600-290**

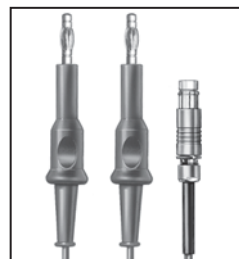
10' (3m)



#### Monopolar Adapter

**600-291**

male to female



#### Bipolar Cable

**615-295**

10' (3m)

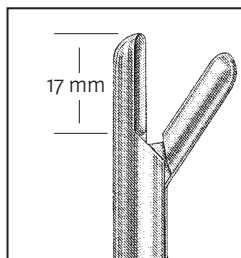


#### Bipolar Cable, Wolf Generator

**615-296B**

10' (3m)

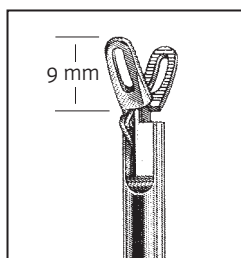
Integra Jarit offers a diversified selection of specialized instrumentation for cholangiography, morcellation, and tissue manipulation.



**Spoon Forceps**  
Wide cup-shaped jaws  
for tissue or stone  
removal.



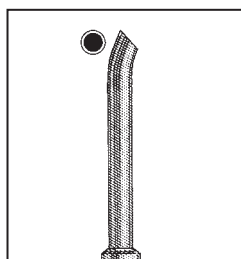
**600-138**  
Spring-loaded,  
10mm, 335mm



**Cholangiogram Clamp**  
Channel for placement of  
5Fr or smaller cholangiogram  
catheter.



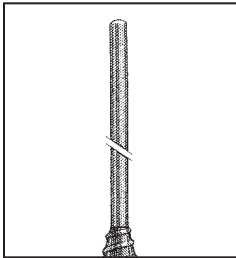
**600-400**  
Ratchet,  
5mm, 330mm



**Cholangiogram Guide**  
Curved tip for simple placement  
of cholangiogram catheter.



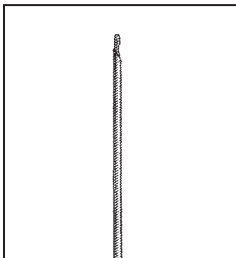
**600-410**  
5mm, 320mm total length

**Dilation Set**

For dilation of 5mm port to 10mm diameter.

**600-475**

5mm to 10mm

**Veress Needles**

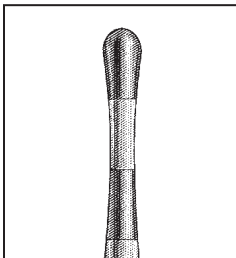
Internal safety shield allows initial puncture and introduction of CO<sub>2</sub> for pneumoperitoneum, 14 gauge needle.

**600-480**

120mm

**600-481**

150mm

**Palpation Probes**

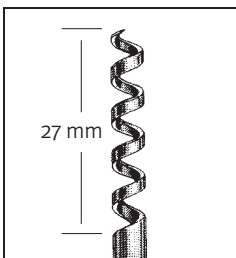
For atraumatic manipulation of tissue.

**600-495**

5mm, 300mm

**600-496**

5mm, 450mm

**Myoma Screws**

For manipulation and securing of thick-walled myoma.

**615-210**

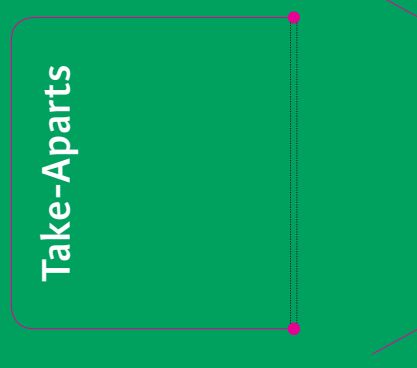
5mm, 330mm

**615-212**

10mm, 330mm



# Take-Aparts



# Take-Aparts

Take-Aparts

Integra Jarit Take-Apart Laparoscopic Instruments were designed with the surgeon's flexibility needs in mind. Handles are available with and without ratchet mechanisms and with and without rotation. The shafts come in 350mm and 425mm lengths. Take-Apart instruments may be ordered separately by component as well as in the assembled configuration. These features, along with many grasping, dissecting, cutting, and biopsy tip options allows the surgeon to select the instrument that will meet their needs.

### Handles



#### Passive Ratchet Mechanism

Precise teeth easily engage and disengage for surgical flexibility.

#### Monopolar Connection

All handles have monopolar connection for eletrosurgical flexibility.



**642-200**  
w/ Rotation, w/ Ratchet



**642-225**  
w/o Rotation, w/ Ratchet



**642-250**  
w/ Rotation, w/o Ratchet



**642-275**  
w/o Rotation, w/o Ratchet

### Shafts



**643-350**  
5mm, 350mm



**643-425**  
5mm, 425mm



**643-650**  
10mm, 350mm



**643-725**  
10mm, 425mm

### Cleaning Brush

**643-100**  
For all shafts

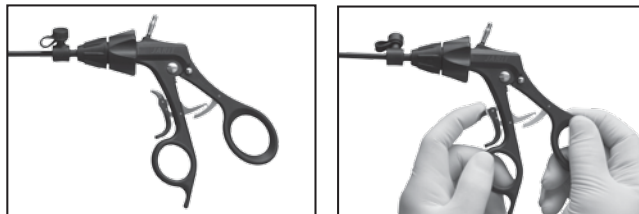
## Directions for Disassembly and Re-Assembly

Integra Jarit Take-Apart Laparoscopic Instruments are reusable, non-sterile, fully-assembled, monopolar electrosurgical instruments comprised of three individual parts – handle, shaft and stainless steel insert. Disassembly is completed in a few short steps; however, inserts must always be disengaged prior to removing the shaft from the handle or damage may result. For re-assembly, the shaft must be connected to the handle for the insert to be seated fully within the handle assembly.

### A. DISASSEMBLY

#### Step 1:

For handles with ratchets: Push gold-plated lever down to detach/disassemble ratchet connection. For handles without ratchets: Go directly to Step 2.



#### Step 2:

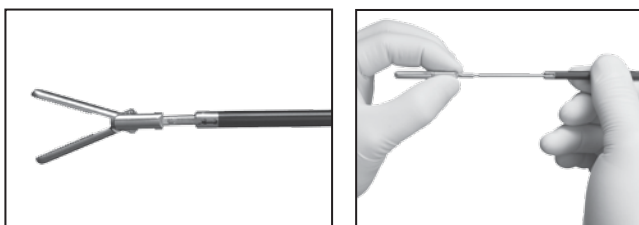
Note: Insert should be disengaged from the handle prior to unscrewing the shaft or damage to the handle may result.

Press and hold rounded button on the top leg of the handle. Open handle by lifting until an audible pop is heard and push button is visibly tucked underneath the handle assembly.



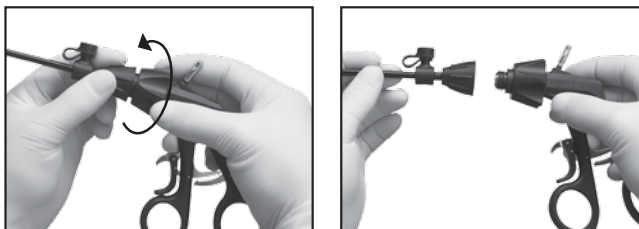
#### Step 3:

Insert is now disengaged from handle and may be removed by grasping distal end and pulling from shaft.



#### Step 4:

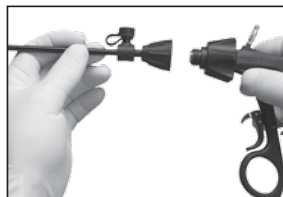
For handles with rotation: Hold rotating wheel in place, loosen screw connection nut, then separate shaft from handle. For handles without rotation: Hold handle in place, loosen screw connection nut, then separate shaft from handle.



## B. RE-ASSEMBLY

### Step 1:

For handles with rotation: Screw shaft with connection nut to handle's rotating wheel while holding rotating wheel in a fixed position. For handles without rotation: Screw shaft with connection nut to handle while holding handle in a fixed position.



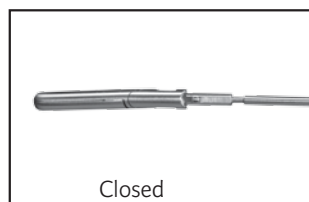
### Step 2:

For handles with ratchets: Push gold-plated lever down to detach disassemble ratchet connection. For handles without ratchets: Go directly to Step 3.



### Step 3:

Open the handle per Disassembly: Step 2. Handle must remain in the fully open position to properly seat the insert into the handle assembly. Slide insert into shaft with jaws in the closed position. Align the raised pins below the insert tip with the slots on the shaft. Push the raised pins into the slots. When an audible pop is heard, observe the push button on the handle is visible.



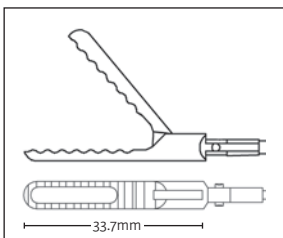
### Step 4:

Close handle against resistance until insert engages into shaft and an audible **snap** is heard. Insert will be seated flush to the shaft and the handle is easily manipulated.



### Fundus Grasping Forceps - Single Action

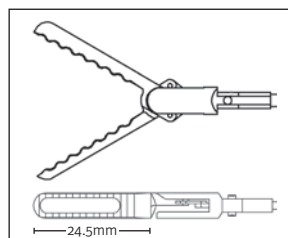
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-508</b> | <b>645-508</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-509</b> | <b>645-509</b>            | -                          | -                          | -                           |

### Fundus Grasping Forceps - Double Action

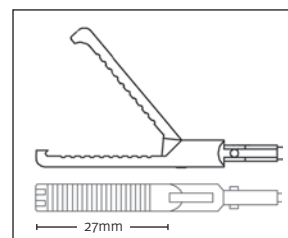
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-510</b> | <b>645-510</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-511</b> | <b>645-511</b>            | -                          | -                          | -                           |

### Retraction Grasping Forceps - Single Action

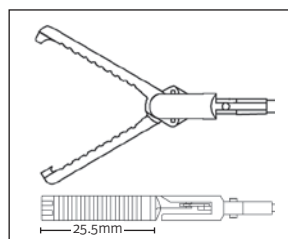
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-514</b> | <b>645-514</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-515</b> | <b>645-515</b>            | -                          | -                          | -                           |

### Retraction Grasping Forceps - Double Action

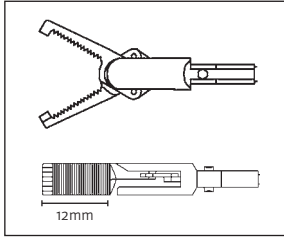
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-516</b> | <b>645-516</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-517</b> | <b>645-517</b>            | -                          | -                          | -                           |

## Allis Grasping Forceps

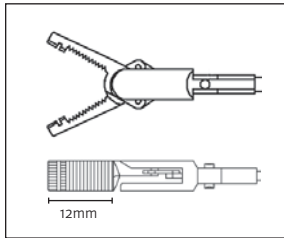
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-524</b> | <b>645-524</b>            | <b>646-524</b>             | -                          | -                           |
| 425mm        | <b>644-525</b> | <b>645-525</b>            | <b>646-525</b>             | -                          | -                           |

## Atrau-Allis Grasping Forceps

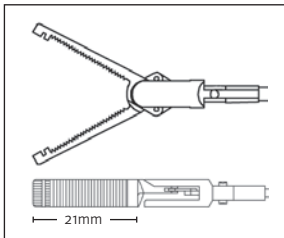
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-518</b> | <b>645-518</b>            | <b>646-518</b>             | -                          | -                           |
| 425mm        | <b>644-519</b> | <b>645-519</b>            | <b>646-519</b>             | -                          | -                           |

## Atrau-Allis Long Jaw Grasping Forceps

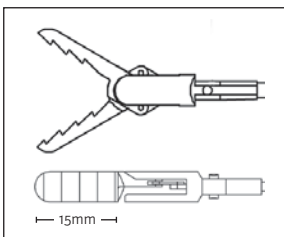
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-520</b> | <b>645-520</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-521</b> | <b>645-521</b>            | -                          | -                          | -                           |

## Retrograde Grasping Forceps

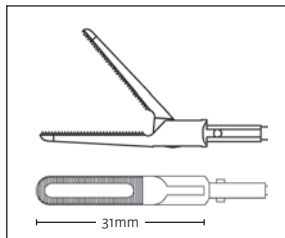
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-522</b> | <b>645-522</b>            | <b>646-522</b>             | -                          | -                           |
| 425mm        | <b>644-523</b> | <b>645-523</b>            | <b>646-523</b>             | -                          | -                           |

### DJB Grasping Forceps

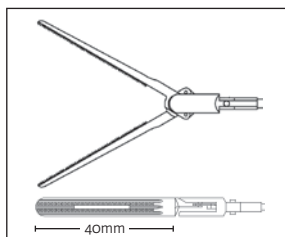
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-526</b> | <b>645-526</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-527</b> | <b>645-527</b>            | -                          | -                          | -                           |

### DeBakey Forceps

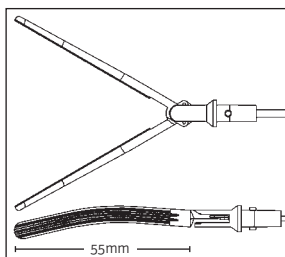
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-528</b> | <b>645-528</b>            | <b>646-528</b>             | -                          | -                           |
| 425mm        | <b>644-529</b> | <b>645-529</b>            | <b>646-529</b>             | -                          | -                           |

### DeBakey Forceps, Curved

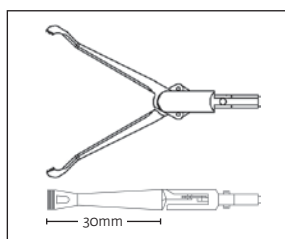
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-530</b> | <b>645-530</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-531</b> | <b>645-531</b>            | -                          | -                          | -                           |

### Babcock Forceps - 2mm

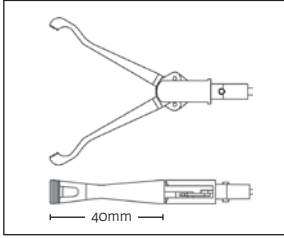
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-540</b> | <b>645-540</b>            | <b>646-540</b>             | -                          | -                           |
| 425mm        | <b>644-541</b> | <b>645-541</b>            | <b>646-541</b>             | -                          | -                           |

## Babcock Forceps - 3mm

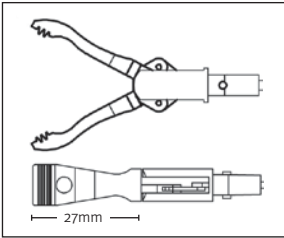
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-536</b> | <b>645-536</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-537</b> | <b>645-537</b>            | -                          | -                          | -                           |

## Babcock Forceps, Round Jaw - 5mm

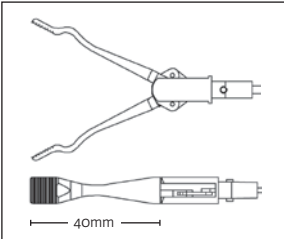
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-538</b> | <b>645-538</b>            | <b>646-538</b>             | -                          | -                           |
| 425mm        | <b>644-539</b> | <b>645-539</b>            | <b>646-539</b>             | -                          | -                           |

## Paddle Babcock Forceps - 8mm

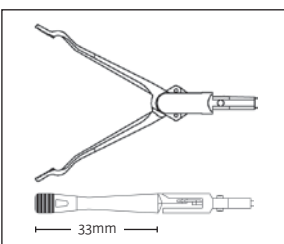
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-532</b> | <b>645-532</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-533</b> | <b>645-533</b>            | -                          | -                          | -                           |

## Paddle Babcock Forceps - 5mm

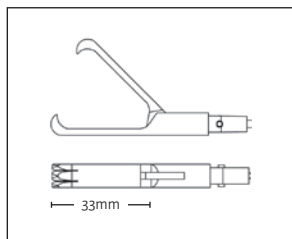
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-534</b> | <b>645-534</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-535</b> | <b>645-535</b>            | -                          | -                          | -                           |

### Claw Forceps

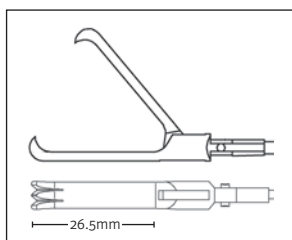
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-557</b> | -                         | <b>646-557</b>             | -                          | -                           |
| 425mm        | <b>644-558</b> | -                         | <b>646-558</b>             | -                          | -                           |

### Claw Forceps

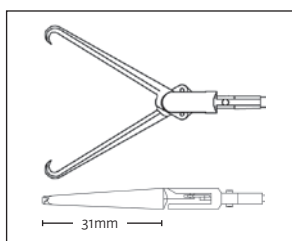
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-559</b> | -                         | <b>646-559</b>             | -                          | -                           |
| 425mm        | <b>644-560</b> | -                         | <b>646-560</b>             | -                          | -                           |

### Tenaculum Forceps

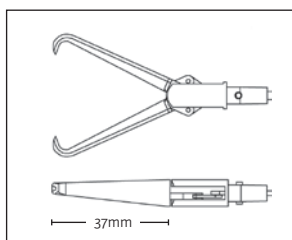
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-569</b> |                           | <b>646-569</b>             | -                          | -                           |
| 425mm        | <b>644-570</b> |                           | <b>646-570</b>             | -                          | -                           |

### Tenaculum Forceps

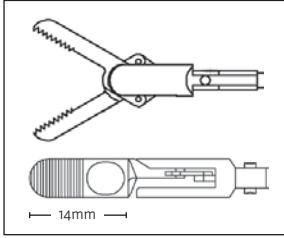
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-571</b> | -                         | <b>646-571</b>             | -                          | -                           |
| 425mm        | <b>644-572</b> | -                         | <b>646-572</b>             | -                          | -                           |

## Grasping Forceps

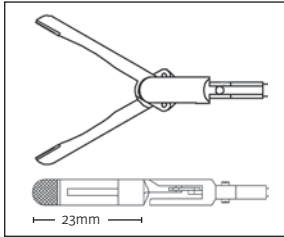
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-500</b> | <b>645-500</b>            | <b>646-500</b>             | <b>647-500</b>             | <b>648-500</b>              |
| 425mm        | <b>644-501</b> | <b>645-501</b>            | <b>646-501</b>             | <b>647-501</b>             | <b>648-501</b>              |

## TC Grasping Forceps

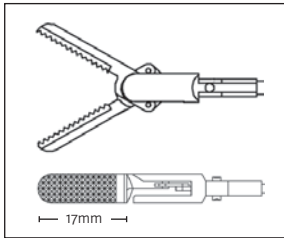
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-502</b> | <b>645-502</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-503</b> | <b>645-503</b>            | -                          | -                          | -                           |

## Strong TC Grasping Forceps

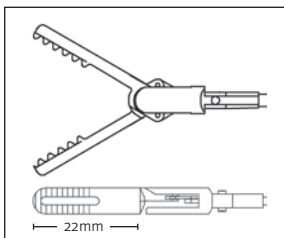
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-504</b> | <b>645-504</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-505</b> | <b>645-505</b>            | -                          | -                          | -                           |

## Grabber Forceps

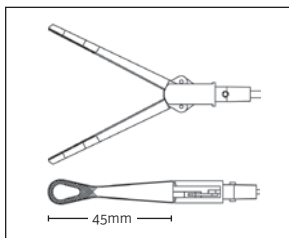
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-506</b> | <b>645-506</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-507</b> | <b>645-507</b>            | -                          | -                          | -                           |

### Foerster Sponge Forceps

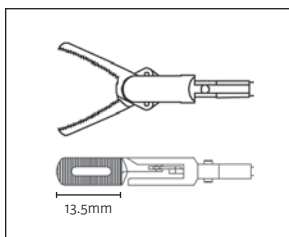
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-565</b> | -                         | <b>646-565</b>             | -                          | -                           |
| 425mm        | <b>644-566</b> | -                         | <b>646-566</b>             | -                          | -                           |

### Strong Forceps

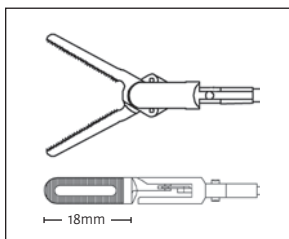
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-567</b> | -                         | -                          | <b>647-567</b>             | <b>648-567</b>              |
| 425mm        | <b>644-568</b> | -                         | -                          | <b>647-568</b>             | <b>648-568</b>              |

### Duckbill Grasping Forceps

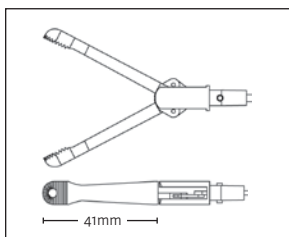
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-561</b> | -                         | -                          | <b>647-561</b>             | -                           |
| 425mm        | <b>644-562</b> | -                         | -                          | <b>647-562</b>             | -                           |

### Russian Grasping Forceps

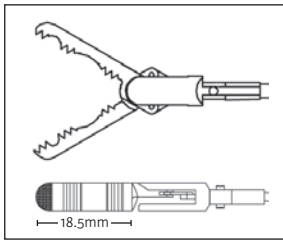
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-563</b> | -                         | <b>646-563</b>             | -                          | -                           |
| 425mm        | <b>644-564</b> | -                         | <b>646-564</b>             | -                          | -                           |

## Dual-Cup Grasping Forceps

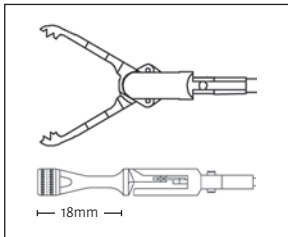
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-512</b> | <b>645-512</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-513</b> | <b>645-513</b>            | -                          | -                          | -                           |

## Swanstrom Grasping Forceps

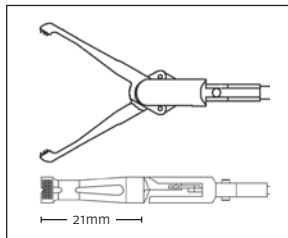
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-542</b> | <b>645-542</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-543</b> | <b>645-543</b>            | -                          | -                          | -                           |

## Strong Hold Babcock Forceps

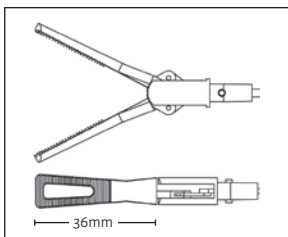
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-544</b> | <b>645-544</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-545</b> | <b>645-545</b>            | -                          | -                          | -                           |

## Duval Grasping Forceps

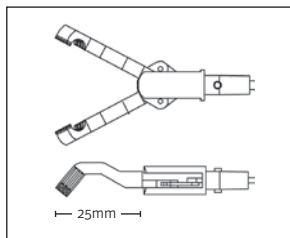
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-546</b> | <b>645-546</b>            | <b>646-546</b>             | -                          | -                           |
| 425mm        | <b>644-547</b> | <b>645-547</b>            | <b>646-547</b>             | -                          | -                           |

### Anvil Grasping Forceps

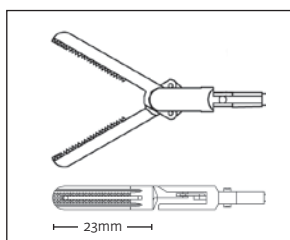
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-548</b> | <b>645-548</b>            | -                          | -                          | -                           |
| 425mm        | <b>644-549</b> | <b>645-549</b>            | -                          | -                          | -                           |

### Hunter Bowel Grasper

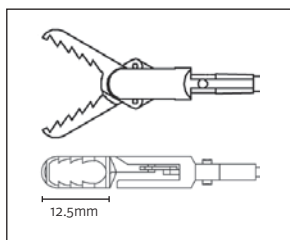
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-550</b> | <b>645-550</b>            | -                          | <b>647-550</b>             | -                           |
| 425mm        | <b>644-551</b> | <b>645-551</b>            | -                          | <b>647-551</b>             | -                           |

### Grasping and Dissecting Forceps

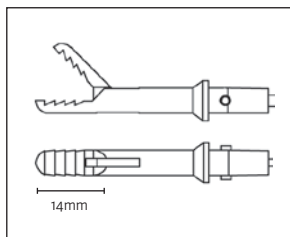
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-552</b> | -                         | -                          | -                          | <b>648-552</b>              |
| 425mm        | <b>644-553</b> | -                         | -                          | -                          | <b>648-553</b>              |

### Grasping and Extracting Forceps

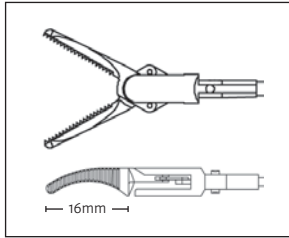
Diameter 10mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-554</b> | -                         | <b>646-554</b>             | -                          | -                           |
| 425mm        | <b>644-555</b> | -                         | <b>646-555</b>             | -                          | -                           |

## Tapered Maryland Dissectors

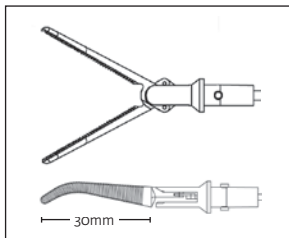
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-610</b> | <b>647-610</b>               | -            |
| 425mm        | <b>644-611</b> | <b>647-611</b>               | -            |

## Maryland Dissectors - 30mm

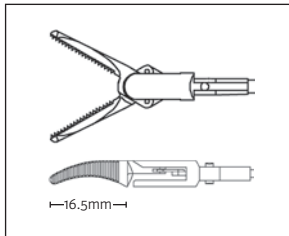
Diameter 10mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-612</b> | <b>647-612</b>               | -            |
| 425mm        | <b>644-613</b> | <b>647-613</b>               | -            |

## Maryland Dissectors - 16.5mm

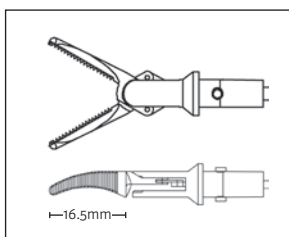
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-614</b> | <b>647-614</b>               | <b>648-614</b> |
| 425mm        | <b>644-615</b> | <b>647-615</b>               | <b>648-615</b> |

## Maryland Dissectors - 16.5mm

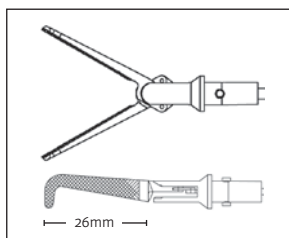
Diameter 10mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-616</b> | -                            | <b>648-616</b> |
| 425mm        | <b>644-617</b> | -                            | <b>648-617</b> |

### Mixer Spreader-Dissectors

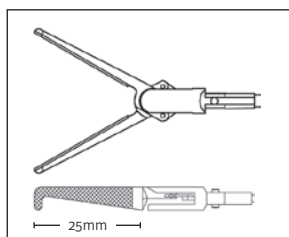
Diameter 10mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-620</b> | <b>647-620</b>               | -            |
| 425mm        | <b>644-621</b> | <b>647-621</b>               | -            |

### Mixer Spreader-Dissectors

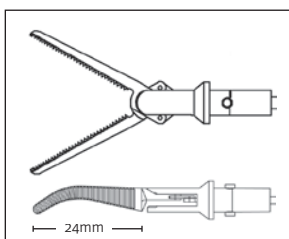
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-622</b> | <b>647-622</b>               | -            |
| 425mm        | <b>644-623</b> | <b>647-623</b>               | -            |

### Mixer Dissecting Forceps

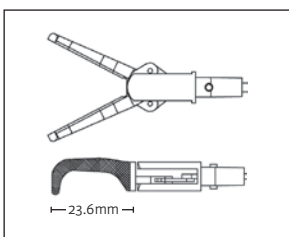
Diameter 10mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-618</b> | -                            | <b>648-618</b> |
| 425mm        | <b>644-619</b> | -                            | <b>648-619</b> |

### Right Angle Dissectors

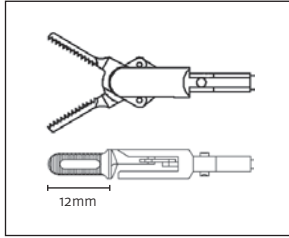
Diameter 10mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-624</b> | <b>647-624</b>               | -            |
| 425mm        | <b>644-625</b> | <b>647-625</b>               | -            |

## Micro Dissecting Forceps

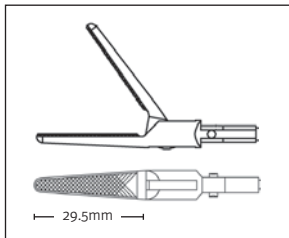
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-600</b> | <b>647-600</b>               | <b>648-600</b> |
| 425mm        | <b>644-601</b> | <b>647-601</b>               | <b>648-601</b> |

## Needle Nose Forceps

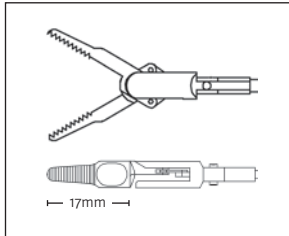
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-602</b> | <b>647-602</b>               | <b>648-602</b> |
| 425mm        | <b>644-603</b> | <b>647-603</b>               | <b>648-603</b> |

## Tapered Dissecting Forceps

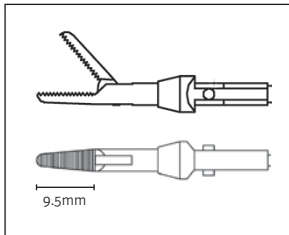
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-604</b> | <b>647-604</b>               | <b>648-604</b> |
| 425mm        | <b>644-605</b> | <b>647-605</b>               | <b>648-605</b> |

## Micro Grasping Forceps

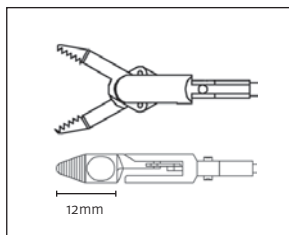
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-606</b> | -                            | <b>648-606</b> |
| 425mm        | <b>644-607</b> | -                            | <b>648-607</b> |

## Bullet-Nose Dissecting Forceps

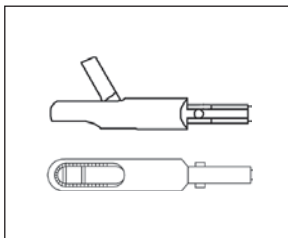
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-608</b> | <b>647-608</b>               | -            |
| 425mm        | <b>644-609</b> | <b>647-609</b>               | -            |

### Biopsy Punches

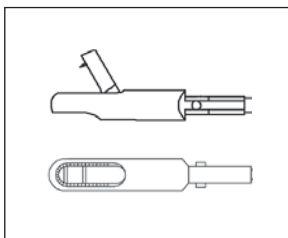
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-802</b> | -                         | -                          | <b>647-802</b>             | <b>648-802</b>              |
| 425mm        | <b>644-803</b> | -                         | -                          | <b>647-803</b>             | <b>648-803</b>              |

### Biopsy Punches, 1 Tooth

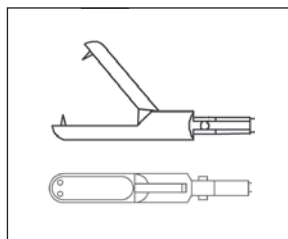
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-806</b> | -                         | -                          | -                          | <b>648-806</b>              |
| 425mm        | <b>644-807</b> | -                         | -                          | -                          | <b>648-807</b>              |

### Biopsy Forceps, 2 Teeth

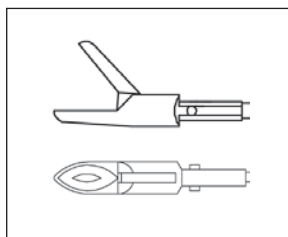
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-800</b> | -                         | <b>646-800</b>             | <b>647-800</b>             | -                           |
| 425mm        | <b>644-801</b> | -                         | <b>646-801</b>             | <b>647-801</b>             | -                           |

### Biopsy Forceps, Oval Fenestrated

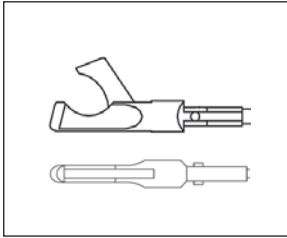
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                           |                             |
|--------------|----------------|---------------------------|----------------------------|---------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-808</b> | -                         | -                          | <b>647-808</b>            | <b>648-808</b>              |
| 425mm        | <b>644-809</b> | -                         | -                          | <b>647-809</b>            | <b>648-809</b>              |

**Hook Biopsy Punches**

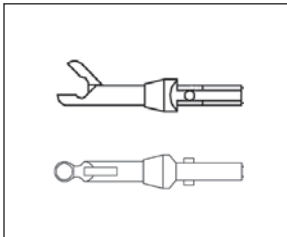
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-804</b> | -                         | -                          | -                          | <b>648-804</b>              |
| 425mm        | <b>644-805</b> | -                         | -                          | -                          | <b>648-805</b>              |

**Micro Biopsy Forceps**

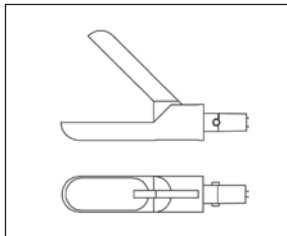
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-810</b> | -                         | <b>646-810</b>             | -                          | -                           |
| 425mm        | <b>644-811</b> | -                         | <b>646-811</b>             | -                          | -                           |

**Spoon Forceps**

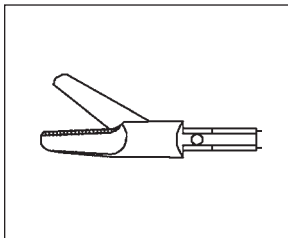
Diameter 5mm



| Shaft Length | Insert         | Full Instrument           |                            |                            |                             |
|--------------|----------------|---------------------------|----------------------------|----------------------------|-----------------------------|
|              |                | W/ Ratchet<br>W/ Rotation | W/ Ratchet<br>W/O Rotation | W/O Ratchet<br>W/ Rotation | W/O Ratchet<br>W/O Rotation |
| 350mm        | <b>644-850</b> | -                         | <b>646-850</b>             | -                          | -                           |
| 425mm        | <b>644-851</b> | -                         | <b>646-851</b>             | -                          | -                           |

### Supercut Scissors

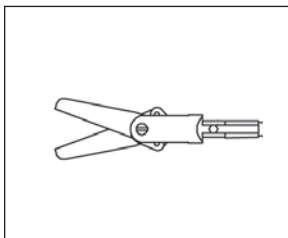
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-700</b> | <b>647-700</b>               | <b>648-700</b> |
| 425mm        | <b>644-701</b> | <b>647-701</b>               | <b>648-701</b> |

### Supercut Endo Scissors, Straight

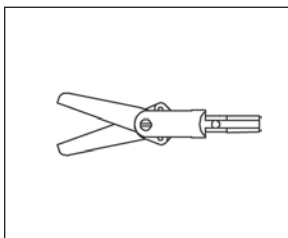
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-702</b> | <b>647-702</b>               | -            |
| 425mm        | <b>644-703</b> | <b>647-703</b>               | -            |

### Supercut Endo Scissors, Curved

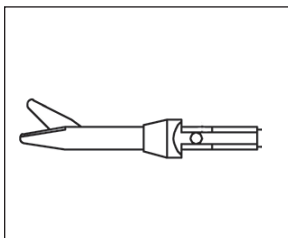
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-704</b> | <b>647-704</b>               | <b>648-704</b> |
| 425mm        | <b>644-705</b> | <b>647-705</b>               | <b>648-705</b> |

### Micro Scissors, Straight

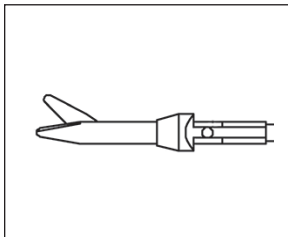
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-709</b> | -                            | <b>648-709</b> |
| 425mm        | <b>644-710</b> | -                            | <b>648-710</b> |

### Micro Scissors, Curved Left

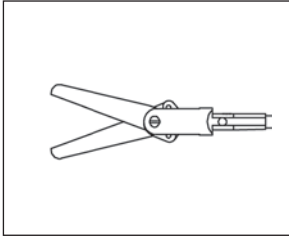
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-711</b> | -                            | <b>648-711</b> |
| 425mm        | <b>644-712</b> | <b>647-712</b>               | -              |

**Metzenbaum Scissors**

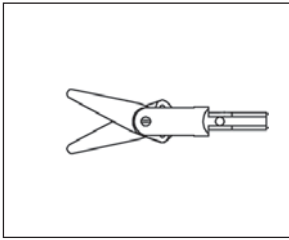
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-715</b> | <b>647-715</b>               | -            |
| 425mm        | <b>644-716</b> | <b>647-716</b>               | -            |

**Baby Metzenbaum Scissors**

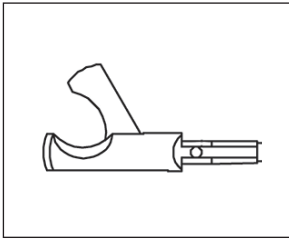
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-719</b> | <b>647-719</b>               | -            |
| 425mm        | <b>644-720</b> | <b>647-720</b>               | -            |

**Hook Scissors**

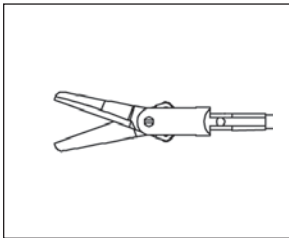
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-706</b> | <b>647-706</b>               | <b>648-706</b> |
| 425mm        | <b>644-707</b> | <b>647-707</b>               | <b>648-707</b> |

**Mini Scissors**

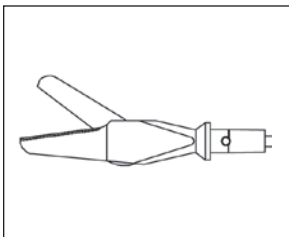
Diameter 5mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |              |
|--------------|----------------|------------------------------|--------------|
|              |                | W/ Rotation                  | W/O Rotation |
| 350mm        | <b>644-717</b> | <b>647-717</b>               | -            |
| 425mm        | <b>644-718</b> | <b>647-718</b>               | -            |

**Mayo Operating Scissors**

Diameter 10mm



| Shaft Length | Insert         | Full Instrument (no ratchet) |                |
|--------------|----------------|------------------------------|----------------|
|              |                | W/ Rotation                  | W/O Rotation   |
| 350mm        | <b>644-713</b> | -                            | <b>648-713</b> |
| 425mm        | <b>644-714</b> | -                            | <b>648-714</b> |



# Jarrit Detach



# Jarrit Detach

Jarrit Detach

Integra's two-part Jarit Detach® System easily separates into a handle/shaft component and a scissors insert. Using backup inserts, which represent only a fraction of the cost of a complete Jarit Detach instrument, substantial cost savings are achieved. Each reusable endoscopic scissors offers electrosurgical coagulation and ergonomic rotation — all in one high-quality, cost-effective instrument. For easy cleaning, a cleaning brush is included with each instrument.

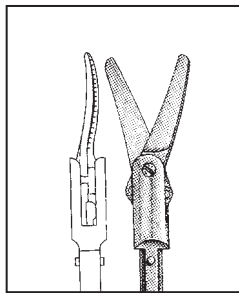
**Jarit Detach Scissors Insert**

**625-0903**

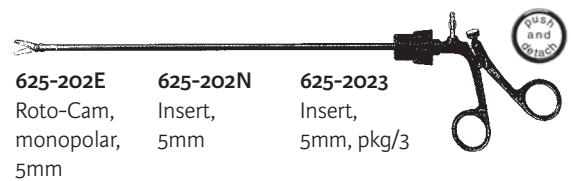
Cleaning brushes, pkg/6

**Jarit Detach Handle/Shaft**

**625-090H**

 Roto-Cam,  
monopolar,  
5mm, 307mm

**Jarit Detach Supercut Scissors**

Unique Integra Jarit Supercut blade has a finely-serrated lower blade that helps prevent tissue slippage; curved blades meet the contour of structures while the blunt-shaped distal tip allows tissue manipulation and cauterization with blades closed; double action.

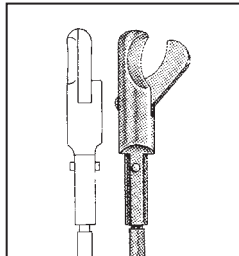

**625-202E**

 Roto-Cam,  
monopolar,  
5mm

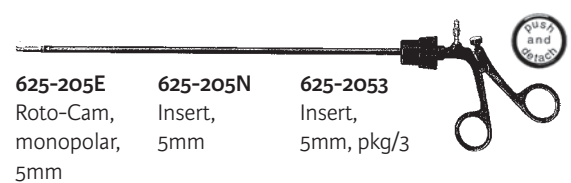
**625-202N**

 Insert,  
5mm

**625-2023**

 Insert,  
5mm, pkg/3

**Jarit Detach Hook Scissors**

Classic hook blades designed to lift, isolate and transect tissue.

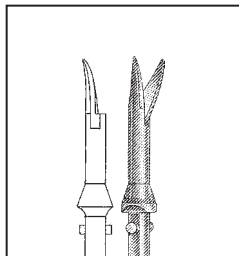

**625-205E**

 Roto-Cam,  
monopolar,  
5mm

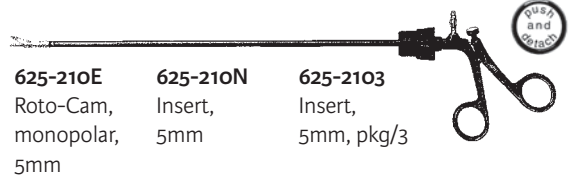
**625-205N**

 Insert,  
5mm

**625-2053**

 Insert,  
5mm, pkg/3

**Jarit Detach  
Micro Scissors Curved**

Delicate, sharp-sharp,  
curved blades

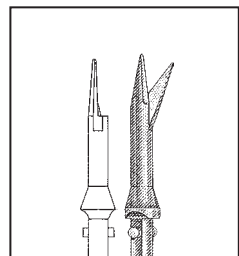

**625-210E**

 Roto-Cam,  
monopolar,  
5mm

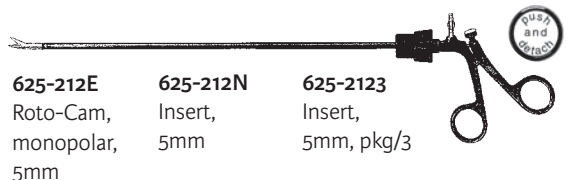
**625-210N**

 Insert,  
5mm

**625-2103**

 Insert,  
5mm, pkg/3

**Jarit Detach  
Micro Scissors Straight**

Delicate, sharp-sharp,  
straight blades


**625-212E**

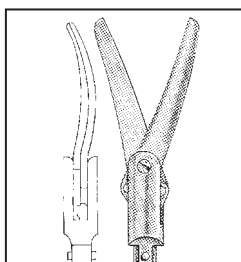
 Roto-Cam,  
monopolar,  
5mm

**625-212N**

 Insert,  
5mm

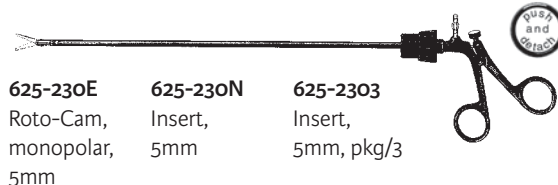
**625-2123**

 Insert,  
5mm, pkg/3

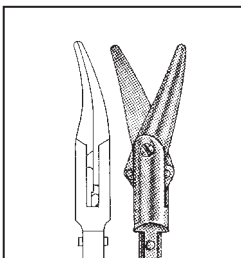


### Jarrit Detach Metzenbaum Scissors

Long, curved, tapered blades with wide spread, double action.

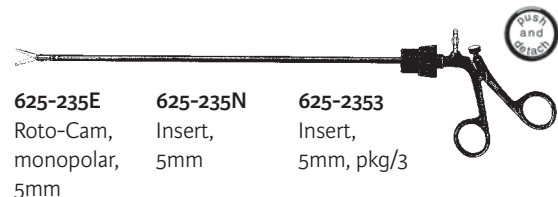


|                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>625-230E</b><br>Roto-Cam,<br>monopolar,<br>5mm | <b>625-230N</b><br>Insert,<br>5mm | <b>625-2303</b><br>Insert,<br>5mm, pkg/3 |
|---------------------------------------------------|-----------------------------------|------------------------------------------|

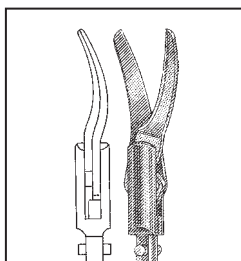


### Jarrit Detach Baby Metzenbaum Scissors

Shorter, curved, very tapered blades reach more narrow and delicate dissection areas, double action.

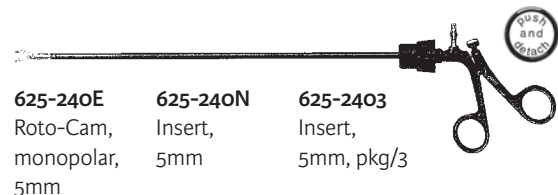


|                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>625-235E</b><br>Roto-Cam,<br>monopolar,<br>5mm | <b>625-235N</b><br>Insert,<br>5mm | <b>625-2353</b><br>Insert,<br>5mm, pkg/3 |
|---------------------------------------------------|-----------------------------------|------------------------------------------|

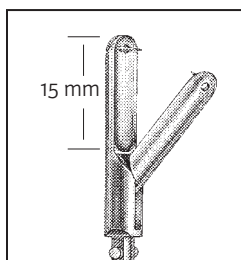


### Jarrit Detach Mini Scissors

Curved, tapered, delicate blades, double action.

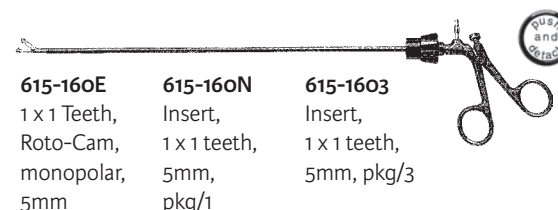


|                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>625-240E</b><br>Roto-Cam,<br>monopolar,<br>5mm | <b>625-240N</b><br>Insert,<br>5mm | <b>625-2403</b><br>Insert,<br>5mm, pkg/3 |
|---------------------------------------------------|-----------------------------------|------------------------------------------|

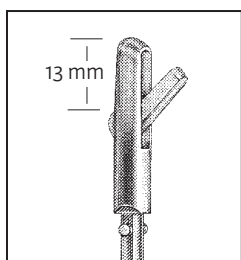


### Jarrit Detach Biopsy Forceps

Two sharp teeth, one on each jaw, for biopsy or secure hold of thick-walled tissue

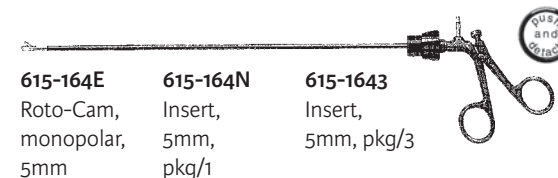


|                                                                   |                                                             |                                                          |
|-------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|
| <b>615-160E</b><br>1 x 1 Teeth,<br>Roto-Cam,<br>monopolar,<br>5mm | <b>615-160N</b><br>Insert,<br>1 x 1 teeth,<br>5mm,<br>pkg/1 | <b>615-1603</b><br>Insert,<br>1 x 1 teeth,<br>5mm, pkg/3 |
|-------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------|

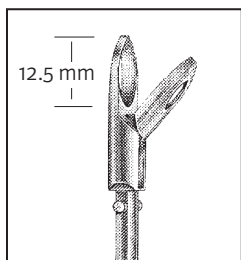


### Jarrit Detach Biopsy Punch

Punch with serrated lower jaw.

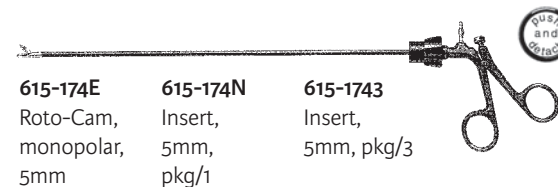


|                                                   |                                             |                                          |
|---------------------------------------------------|---------------------------------------------|------------------------------------------|
| <b>615-164E</b><br>Roto-Cam,<br>monopolar,<br>5mm | <b>615-164N</b><br>Insert,<br>5mm,<br>pkg/1 | <b>615-1643</b><br>Insert,<br>5mm, pkg/3 |
|---------------------------------------------------|---------------------------------------------|------------------------------------------|



### Jarrit Detach Biopsy Forceps

Oval-shaped fenestrated jaws.

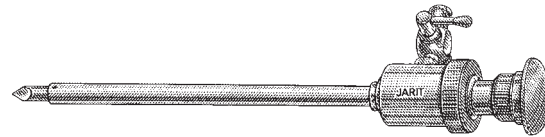


|                                                   |                                             |                                          |
|---------------------------------------------------|---------------------------------------------|------------------------------------------|
| <b>615-174E</b><br>Roto-Cam,<br>monopolar,<br>5mm | <b>615-174N</b><br>Insert,<br>5mm,<br>pkg/1 | <b>615-1743</b><br>Insert,<br>5mm, pkg/3 |
|---------------------------------------------------|---------------------------------------------|------------------------------------------|

As ORs continue to look for ways to control spending, many have looked to reduce the dollars spent on disposable cannula systems. This demand is met by Integra Jarit's reusable auto-valve cannulas which also allow for the convenience of hands-free operation. The built-in fascial threads prevent the cannula from slipping, and the lightweight construction makes it easier to insert instruments.

#### Auto-Valve Cannulas and Trocars, Non-threaded

Hands-free flapper valve; color-coded seals with size and color reference stamped on cannula; arrow on cannula indicates location of valve opening; stopcock for insufflation tubing; pyramidal trocar.


**600-423**

10/11mm, 101mm

**600-428**

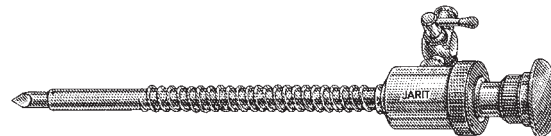
5mm, 104mm

**600-444**

12mm, 98mm

#### Auto-Valve Cannulas and Trocars, Threaded

Fascial threads minimize in/out movement of cannula; hands-free flapper valve; color-coded seals with size and color reference stamped on cannula; arrow on cannula indicates location of valve opening; stopcock for insufflation tubing; pyramidal trocar.


**600-424**

10/11mm, 106mm

**600-426**

5mm, 107.5mm

#### Trocars

Pyramidal trocar available separately for backup.


**600-425**

 Auto-Valve,  
11mm

**600-431**

 Piston-Valve,  
5mm

**600-427**

 Auto-Valve,  
5mm

**600-441**

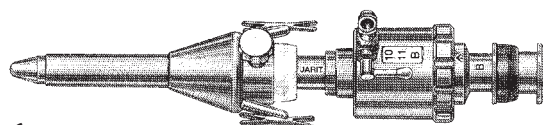
 Piston-Valve,  
11mm

**600-447**

 Auto-Valve,  
12mm

### Auto-Valve Hasson Cannulas

For open technique of cannula placement; Auto-valve allows hands-free insertion and removal of instruments; with suture ties on cone, cannula can be repositioned without retying suture; blunt obturator.

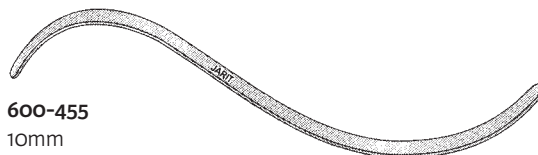


**600-452**  
10/11mm, 101mm

**630-452**  
5mm, 105mm

### S-Retractors (set of 2)

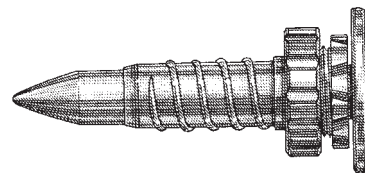
For retraction of tissue during open technique placement of Hasson cannula.



**600-455**  
10mm

### Thoracic Cannula, Threaded

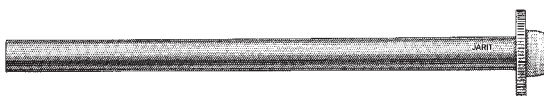
Fascial threads minimize in/out movement of cannula; blunt obturator.



**600-448**  
12mm

### Reducer Sleeves

Reduces piston valve cannulas and facilitates extraction of tissue.

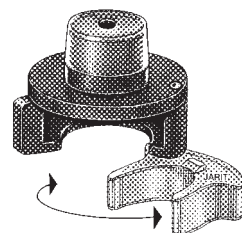


**600-460**  
10/11mm to 5mm

**600-468**  
12mm to 5mm

**600-465**  
5mm to 3mm

**600-469**  
12mm to 10mm



**600-461**  
Reducer "Flip Top"  
for auto-valve  
12.5/11/10mm to 5.5mm



# Accessories

# Accessories

Accessories

**Laparoscopic Case****600-618**

Length 57.9 cm

22-3/4" x 11" x 8"

(579mm x 282mm x 203mm)

**Laparoscopic Bariatric Case****600-620**

Length 68.1 cm

26-3/4" x 11" x 8"

(681mm x 282mm x 203mm)

**Instrument Holder**

The articulated Integra Jarit Endoscope & Instrument Holder System is a robust and simple system that will provide added stability and precision to the OR setting. The Integra Jarit Endoscopic & Instrument Holder System can be used with instruments with 5mm or 10mm diameter.

**620-800 Endoscope & Instrument Holder**

Complete set includes the following components:

- Articulated arm with Endoscope & Instrument Clamp 5/10mm (one piece), 85cm total length
- Rail Clamping Base, double clamp **(620-804)**

**620-805 Bariatric Endoscope & Instrument Holder**

Complete set includes the following components:

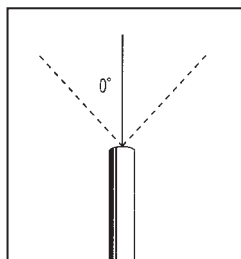
- Articulated arm with Endoscope & Instrument Clamp 5/10mm (one piece), 100cm total length
- Rail Clamping Base, double clamp **(620-804)**

**620-800**

Precision engineering with a rod lens optical system allows these high-quality scopes to deliver exceptional brilliance and clarity. Each scope transmits crisp, clear images with more natural color and enhanced contrast.

### Autoclavable Laparoscopes

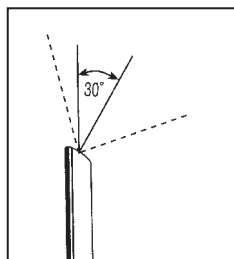
Gravity and prevacuum steam autoclavable; panoramic view with high-quality optics.



**600-700**  
10mm, 0°  
323mm

**600-750**  
5mm, 0°  
306mm

**630-700**  
2.7mm, 0°  
175mm



**600-730**  
10mm, 30°  
325mm

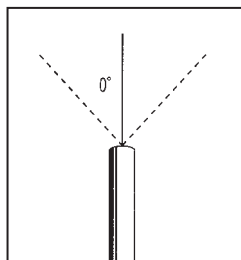
**600-780**  
5mm, 30°  
306mm

**630-730**  
2.7mm, 30°  
175mm

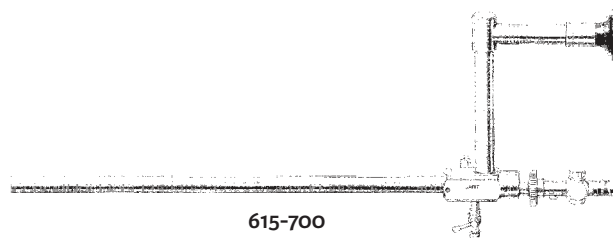


### Operating Laparoscopes

Offset laparoscope with instrument channel which accommodates 5mm, 45cm instruments or laser; high-quality optics with panoramic view.

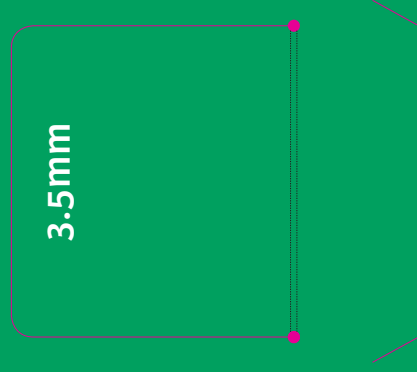


**615-700**  
Autoclavable,  
10mm, 0°



### Light Post Adapters

- |                |                                 |
|----------------|---------------------------------|
| <b>600-292</b> | Laparoscope Light Post, Storz   |
| <b>600-293</b> | Laparoscope Light Post, Wolf    |
| <b>600-294</b> | Laparoscope Light Post, Olympus |

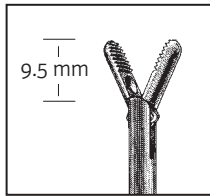
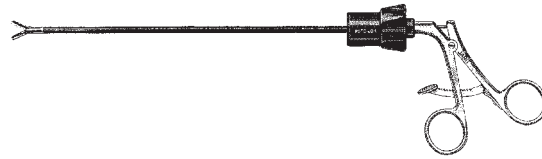


3.5mm

3.5mm

3.5mm

**Roto-Lok**, ratchet, insulated shaft



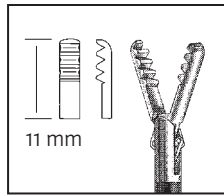
**Grasping Forceps**

**630-100**

3.5mm, 240mm

**632-100**

3.5mm, 320mm



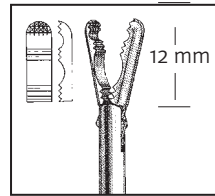
**Grabber Forceps**

**630-104**

3.5mm, 240mm

**632-104**

3.5mm, 320mm



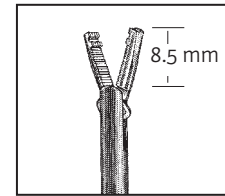
**Dual-cup Grasping Forceps**

**630-108**

3.5mm, 240mm

**632-108**

3.5mm, 320mm



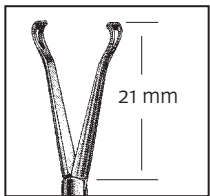
**Atrau-Allis Grasping Forceps**

**630-113**

3.5mm, 240mm

**632-113**

3.5mm, 320mm



**Babcock Forceps**

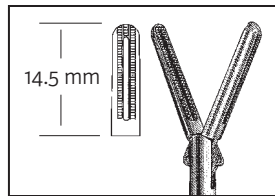
For atraumatic, yet secure grasp of delicate tissue.

**630-147**

3.5mm, 240mm

**632-147**

3.5mm, 320mm



**Hunter Bowel Grasper**

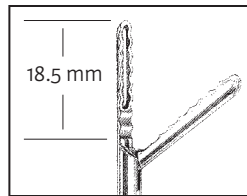
Fenestrated, 14mm jaws for atraumatic grasping.

**630-164**

Non-ratcheted, 3.5mm, 240mm

**632-164**

Non-ratcheted, 3.5mm, 320mm



**Fundus Grasping Forceps**

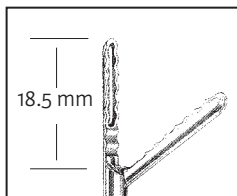
Beveled-edge jaws.

**630-107**

3.5mm, 240mm

**632-107**

3.5mm, 320mm



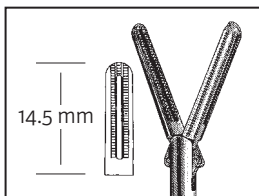
**Fundus Grasping Forceps**

**630-107IL**

Ratchet, 3.5mm, 240mm

**632-107IL**

Ratchet, 3.5mm, 320mm



**Hunter Bowel Grasper**

**630-164IL**

Non-ratcheted, 3.5mm, 240mm

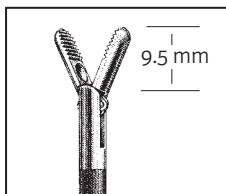
**632-164IL**

Non-ratcheted, 3.5mm, 320mm



**In-Line**,  
insulated shaft

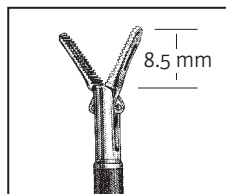
**Roto-Cam, monopolar**



**Grasping Forceps**

**630-105**  
Monopolar,  
3.5mm, 240mm

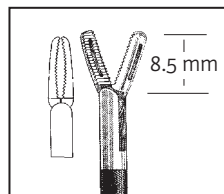
**632-105**  
Monopolar,  
3.5mm, 320mm



**Micro Dissecting Forceps**

**630-110**  
Monopolar,  
3.5mm, 240mm

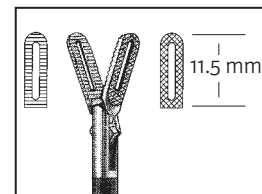
**632-110**  
Monopolar,  
3.5mm, 320mm



**Strong Forceps**

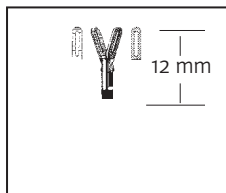
**630-111**  
Monopolar,  
3.5mm, 240mm

**632-111**  
Monopolar,  
3.5mm, 320mm



**Pyloromyotomy Dissector**

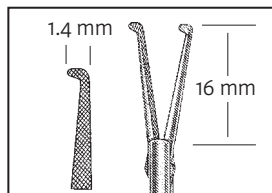
**630-116**  
Monopolar,  
3.5mm, 140mm



**Maryland Dissectors**

**630-126**  
Monopolar,  
3.5mm, 240mm

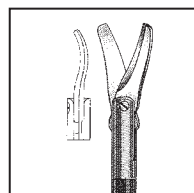
**632-126**  
Monopolar,  
3.5mm, 320mm



**Mixer Spreader-Dissectors**

**630-129RH**  
Monopolar, ring-  
handle, 3.5mm, 240mm

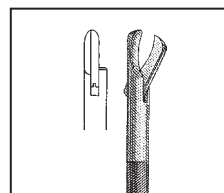
**632-129RH**  
Monopolar, ring-  
handle, 3.5mm, 320mm



**Endo Supercut Scissors, Curved**

**630-202**  
Monopolar,  
3.5mm, 240mm

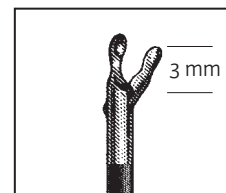
**632-202**  
Monopolar,  
3.5mm, 320mm



**Hook Endo Scissors**

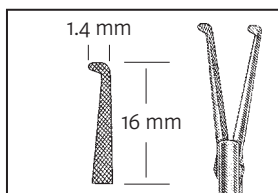
**630-205**  
Monopolar,  
3.0mm, 240mm

**632-205**  
Monopolar,  
3.0mm, 320mm

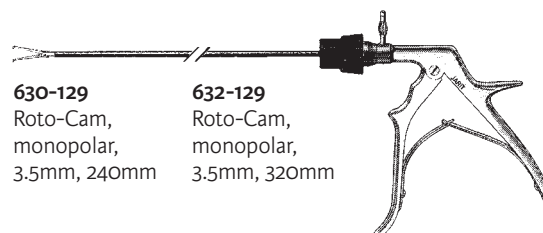


**Biopsy Forceps**

**630-178**  
Monopolar,  
3.5mm, 240mm

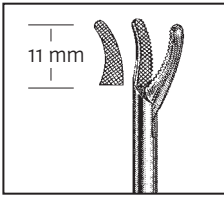


**Mixer Spreader-Dissectors**

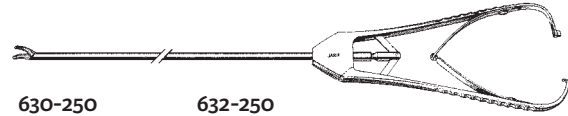


**630-129**  
Roto-Cam,  
monopolar,  
3.5mm, 240mm

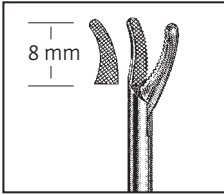
**632-129**  
Roto-Cam,  
monopolar,  
3.5mm, 320mm



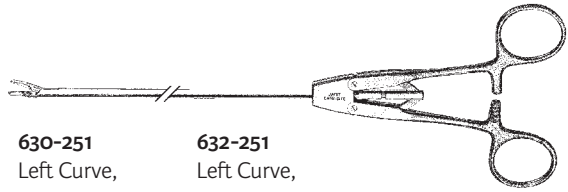
**Appel Needle Holders**  
For use with 5-0 suture and smaller.



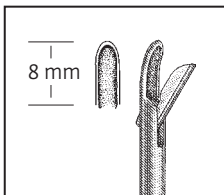
|                                               |                                               |
|-----------------------------------------------|-----------------------------------------------|
| <b>630-250</b><br>Left Curve,<br>3.5mm, 240mm | <b>632-250</b><br>Left Curve,<br>3.5mm, 320mm |
|-----------------------------------------------|-----------------------------------------------|



**In-line Carb-Bite  
Needle Holder**



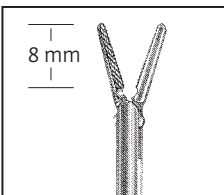
|                                               |                                               |
|-----------------------------------------------|-----------------------------------------------|
| <b>630-251</b><br>Left Curve,<br>3.5mm, 240mm | <b>632-251</b><br>Left Curve,<br>3.5mm, 330mm |
|-----------------------------------------------|-----------------------------------------------|



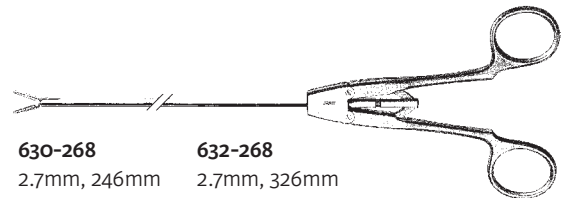
**Romeo Self-Righting  
Needle Holder**



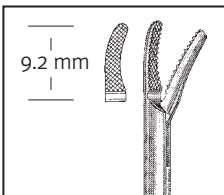
|                                |                                |
|--------------------------------|--------------------------------|
| <b>630-266</b><br>3.5mm, 241mm | <b>632-266</b><br>3.5mm, 325mm |
|--------------------------------|--------------------------------|



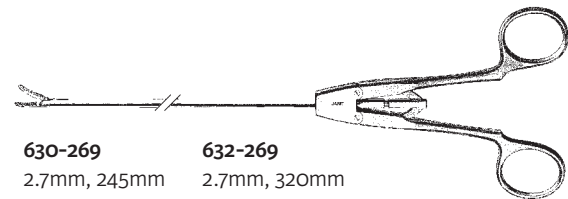
**Lyons Needle Forceps**



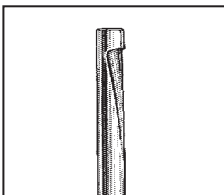
|                                |                                |
|--------------------------------|--------------------------------|
| <b>630-268</b><br>2.7mm, 246mm | <b>632-268</b><br>2.7mm, 326mm |
|--------------------------------|--------------------------------|



**Juliet Receiving Forceps**



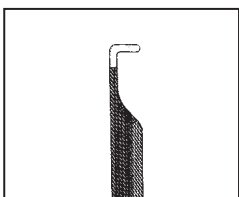
|                                |                                |
|--------------------------------|--------------------------------|
| <b>630-269</b><br>2.7mm, 245mm | <b>632-269</b><br>2.7mm, 320mm |
|--------------------------------|--------------------------------|



**Appel Knot Pusher**



**630-287**  
2.7mm, 340mm overall length



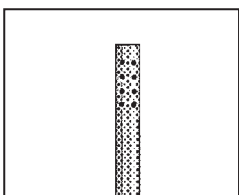
#### L-shaped Hook Electrodes

Partially insulated,  
right angle tip.

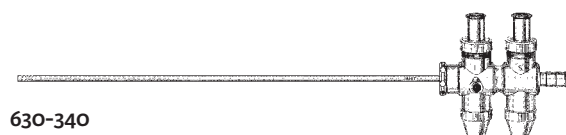


**630-318**  
3.5mm, 243mm

**632-318**  
3.5mm, 330mm



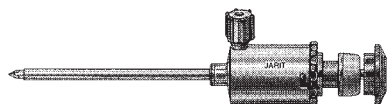
#### Suction/Irrigation Cannula



**630-340**  
3.5mm, 240mm

#### Auto-Valve Cannula and Trocar

Auto-valve cannula and pyramidal trocar 3.5mm with  
silicone valve and luer-lock for insufflation tubing



**630-427**  
Auto-valve cannula and pyramidal trocar  
3.5mm



**630-429**  
Pyramidal trocar for  
auto-valve 3.5mm



**630-4300**  
Blunt trocar for  
auto-valve 3.5mm



**630-4512**  
Nose Cone with wings,  
for auto-valve cannula  
3.5mm

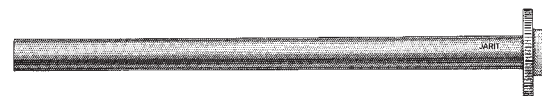


**630-4350**  
Silicone valve for auto-  
valve cannula 3.5mm,  
drop-shaped (package of 5)  
**for single use only!**

#### Reducer Sleeve

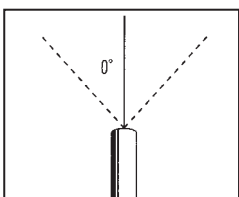
Reduces piston valve cannulas and facilitates  
extraction of tissue.

**600-465**  
5mm to 3mm

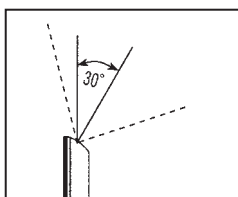


#### Autoclavable Laparoscope

Panoramic view with high-quality optics.



**630-700**  
2.7mm, 0°, 175mm



**630-730**  
2.7mm, 30°, 175mm



| Catalog #                  | Description                                                 |
|----------------------------|-------------------------------------------------------------|
| <b>600-300/305/310/315</b> | <b>Suction Coagulators</b>                                  |
| 600-TVA                    | T-V Replacement Parts Kit                                   |
| 600-3003                   | T-V Guide Pin, Pkg/6 (Tappet/Cap/Valve)                     |
| 600-3004                   | T-V Spring, Pkg/6                                           |
| 600-3005                   | Trumpet Valve Case                                          |
| 600-3006                   | T-V Bottom Cap, Pkg/6                                       |
| 600-3007                   | T-V Set Screw, Pkg/12                                       |
| <b>600-320/322</b>         | <b>Suction/Irrigation Cannulas</b>                          |
| 600-3010                   | Rubber Cap W/O Hole, Pkg/12 (Suction Cannulas)              |
| 600-3021                   | Trumpet Valve (320/322), Pkg/6                              |
| 600-3022                   | Trumpet Valve Top Cap (320/322), Pkg/6                      |
| 600-3023                   | Trumpet Valve Pin Cap (320/322), Pkg/6                      |
| 600-3027                   | Trumpet Valve Set Screw (320/322), Pkg/6                    |
| 600-3029                   | Metal Base Cap (320/322), Pkg/12                            |
| 600-CTVA                   | Replacement Parts Kit (Includes 600-3024, 3033 And 3036)    |
| 600-3024                   | T-V Spring (320/322), Pkg/6                                 |
| 600-3033                   | Ctv Assembly (320/322), Pkg/3                               |
| 600-3036                   | Ctv Bottom Cap (320/322), Pkg/6                             |
| X600-320LASER              | Laser Channel Only For 600-320                              |
| X600-322LASER              | Laser Channel Only For 600-322                              |
| <b>600-330</b>             | <b>Suction/Irrigation Set, 10mm, 33cm **Discontinued</b>    |
| <b>630-330</b>             | <b>Suction/Irrigation Cannula, 3.5mm **Discontinued</b>     |
| 600-3301                   | Irrigation Valve (330)                                      |
| 600-3302                   | Suction Valve (330)                                         |
| 600-3303                   | Valve Top Cap (330), Pkg/6                                  |
| 600-3304                   | Valve Spring (330/340), Pkg/6                               |
| 600-3305                   | Valve Bottom Cap (330), Pkg/6                               |
| 600-3306                   | Replacement Cannula 5mm (600-330/600-340)                   |
| 600-3307                   | Replacement Cannula 10mm (600-330/600-340)                  |
| 630-3308                   | Replacement Cannula 3.5mm (630-330)                         |
| 600-330HOUS                | Main Housing For (330)                                      |
| 600-3309                   | O-Ring (330/340), Pkg/6                                     |
| <b>600-340</b>             | <b>Suction/Irrigation Set, 10mm</b>                         |
| <b>630-340</b>             | <b>Suction/Irrigation Cannula, 3.5mm</b>                    |
| 600-3401                   | Irrigation Valve (340) Blue                                 |
| 600-3402                   | Suction Valve (340) Green                                   |
| 600-3304                   | Valve Spring (330/340), Pkg/6                               |
| 600-3405                   | Valve Bottom Cap (340), Pkg/6                               |
| 600-3306                   | Replacement Cannula 5mm 600-330/600-340                     |
| 600-3307                   | Replacement Cannula 10mm 600-330/600-340                    |
| 600-340HOUS                | Main Housing For (340)                                      |
| 600-3309                   | O-Ring (330/340), Pkg/6                                     |
| 630-3308                   | Replacement Cannula 3.5mm 240mm                             |
| 632-3308                   | Replacement Cannula 3.5mm 340mm                             |
| <b>600-423</b>             | <b>Auto-Valve Cannula and Trocar, Non-threaded, 10/11mm</b> |
| <b>600-424</b>             | <b>Auto-Valve Cannula and Trocar, Threaded, 10/11mm</b>     |
| 600-4240                   | Inner Seal (Yellow) (423/424/444/452), Pkg/6                |
| 600-4241                   | Knurled Ring (423/424/444/452), Pkg/6                       |
| 600-4242                   | O-Ring (423/424/444/452), Pkg/6                             |
| 600-4420                   | Outer Seal (Blue) (423/424/440/450/452/471), Pkg/6          |
| 600-4503                   | Stopcock Cap (All Trocars/Cannulas), Pkg/6                  |

| Catalog #      | Description                                                    |
|----------------|----------------------------------------------------------------|
| <b>600-426</b> | <b>Auto-Valve Cannula and Trocar, Non-threaded, 5mm</b>        |
| <b>600-428</b> | <b>Auto-Valve Cannula and Trocar, Threaded, 5mm</b>            |
| 600-4260       | Inner Seal (Tan) (426/428), Pkg/6                              |
| 600-4261       | Knurled Ring (426/428), Pkg/6                                  |
| 600-4262       | O-Ring (426/428), Pkg/6                                        |
| 600-4320       | Outer Seal (Red) (426/428/430/462/470), Pkg/6                  |
| 600-4503       | Stopcock Cap (All Trocars/Cannulas), Pkg/6                     |
| <b>600-444</b> | <b>Auto-Valve Cannulas and Trocars, Non-threaded, 12mm</b>     |
| 600-4240       | Inner Seal (Yellow) (423/424/444/452), Pkg/6                   |
| 600-4241       | Knurled Ring (423/424/444/452), Pkg/6                          |
| 600-4242       | O-Ring (423/424/444/452), Pkg/6                                |
| 600-4470       | Outer Seal (Green) (444/445), Pkg/6                            |
| 600-4503       | Stopcock Cap (All Trocars/Cannulas), Pkg/6                     |
| <b>600-430</b> | <b>Cannula &amp; Trocar Pyramid Tip 5mm **Discontinued</b>     |
| 600-3030       | Valve Spring (430), Pkg/6                                      |
| 600-3031       | K-Cap W/Hole (430), Pkg/6                                      |
| 600-3032       | K-Cap W/O Hole (430), Pkg/6                                    |
| 600-4320       | Outer Seal (Red) (426/428/430/462/470), Pkg/6                  |
| 600-4503       | Stopcock Cap (All Trocars/Cannulas), Pkg/6                     |
| <b>600-440</b> | <b>Cannula &amp; Trocar Pyramid Tip 10/11mm **Discontinued</b> |
| 600-3040       | Valve Spring (440/450), Pkg/6                                  |
| 600-3041       | K-Cap W/Hole (440/450), Pkg/6                                  |
| 600-3042       | K-Cap W/O Hole (440/450), Pkg/6                                |
| 600-4420       | Outer Seal (Blue) (423/424/440/450/452/471), Pkg/6             |
| 600-4503       | Stopcock Cap (All Trocars/Cannulas), Pkg/6                     |
| <b>600-445</b> | <b>Cannula &amp; Trocar Pyramid Tip 12mm **Discontinued</b>    |
| 600-3050       | Valve Spring (445), Pkg/6                                      |
| 600-3051       | K-Cap W/Hole (445), Pkg/6                                      |
| 600-3052       | K-Cap W/O Hole (445), Pkg/6                                    |
| 600-4470       | Outer Seal (Green) (444/445), Pkg/6                            |
| 600-4503       | Stopcock Cap (All Trocars/Cannulas), Pkg/6                     |
| <b>600-448</b> | <b>Thoracic Cannula Threaded 12mm</b>                          |
| 600-4481       | Stabilizing Cylinder (448), Pkg/2                              |
| <b>600-450</b> | <b>Hasson Cannula 10/11mm, Blunt **Discontinued</b>            |
| 600-3040       | Valve Spring (440/450), Pkg/6                                  |
| 600-3041       | K-Cap W/Hole (440/450), Pkg/6                                  |
| 600-3042       | K-Cap W/O Hole (440/450), Pkg/6                                |
| 600-4420       | Outer Seal (Blue) (423/424/440/450/452/471), Pkg/6             |
| 600-4501       | Blunt Trocar (450/452)                                         |
| 600-4502       | Nose Cone (450/452)                                            |
| 600-4503       | Stopcock Cap (All Trocars/Cannulas), Pkg/6                     |
| 600-4504       | Suture Attachment (450/452)                                    |
| 600-4520       | Cone Seal (450/452), Pkg/6                                     |

| Catalog #                  | Description                                        |
|----------------------------|----------------------------------------------------|
| <b>600-452</b>             | <b>Auto-Valve Hasson Cannula, 10/11mm</b>          |
| 600-4240                   | Inner Seal (Yellow) (423/424/444/452), Pkg/6       |
| 600-4241                   | Knurled Ring (423/424/444/452), Pkg/6              |
| 600-4242                   | O-Ring (423/424/444/452), Pkg/6                    |
| 600-4420                   | Outer Seal (Blue) (423/424/440/450/452/471), Pkg/6 |
| 600-4501                   | Blunt Trocar (450/452)                             |
| 600-4502                   | Nose Cone (450/452)                                |
| 600-4503                   | Stopcock Cap (All Trocars/Cannulas), Pkg/6         |
| 600-4520                   | Cone Seal (450/452), Pkg/6                         |
| <b>630-452</b>             | <b>Auto-Valve Hasson Cannula, 5mm</b>              |
| 600-4260                   | Replace Inner Seal(426/428), Pkg/6                 |
| 600-4261                   | Knurled Ring (426/428), Pkg/6                      |
| 600-4262                   | O-Ring (426/428), Pkg/6                            |
| 600-4320                   | Outer Seal (Red) (426/428/430/462/470), Pkg/6      |
| 600-4503                   | Stopcock Cap (All Trocars/Cannulas), Pkg/6         |
| 630-4501                   | Blunt Trocar (452)                                 |
| 630-4502                   | Nose Cone (452)                                    |
| 630-4520                   | Cone Seal (452), Pkg/6                             |
| <b>630-427</b>             | <b>Auto-Valve Cannula and Trocar, 3.5mm</b>        |
| 630-4300                   | Blunt Trocar                                       |
| 630-4320                   | Outer Seal (Red), Pkg/6                            |
| 630-4350                   | Silicone Valve For Auto-Valve, Pkg/5               |
| <b>600-240</b>             | <b>Endoloop Applicator</b>                         |
| <b>600-460/465/468/469</b> | <b>Reducer Sleeves</b>                             |
| 600-4620                   | Replacement Seal (460), Pkg/6                      |
| 600-4670                   | Replacement Seal Diam. 2mm (240/465), Pkg/6        |
| 600-4680                   | Replacement Seal (468), Pkg/6                      |
| 600-4690                   | Replacement Seal (469), Pkg/6                      |
| <b>600-461</b>             | <b>Reducer Flip-Top</b>                            |
| 600-4320                   | Outer Seal (Red) (426/428/430/462/470), Pkg/6      |

| Catalog #                                                                                                 | Description                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>600-550/560</b><br>600-SPS-550                                                                         | <b>P.E.E.R. Retractors</b><br>Spring And Screw (550/560)                                                                                                                   |
| <b>600-580/582/584/585</b><br>X600-580CPCAP                                                               | <b>Articulators</b><br>Plastic Cap For Cleaning Port                                                                                                                       |
| <b>615-330/334/338</b><br><b>615-331/335/339</b><br>615-334HC<br>615-EC-330                               | <b>Bipolar Forceps 32cm</b><br><b>Bipolar Forceps 45cm</b><br>Plastic Brushing For Bipolar Connector (White), Pkg/3<br>End Caps For Bipolars, Pkg/3                        |
| <b>600-410</b><br>600-3011                                                                                | <b>Cholangiogram Guide</b><br>Rubber Cap W/Hole, Pkg/12 (410)                                                                                                              |
| <b>600-700/730/750/780</b><br><b>615-700</b><br><b>630-700/730</b><br>615-3011                            | <b>5/10mm Laparoscopes</b><br><b>10mm Offset Laparoscope</b><br><b>2.7mm Laparoscopes</b><br>Rubber Cap For Light Cable Connectors, Pkg/6                                  |
| <b>600-130/135/137/138/273/275</b><br><b>615-160/162/178</b><br>600-SCR-138<br>600-3017<br>X600-135SPRING | <b>Spring-Loaded Instruments</b><br><br>Screw Only For Spring-Loaded Handles<br>Spring And Screw For Spring-Loaded Handles, Pkg/6<br>Spring Only For Spring-Loaded Handles |
| <b>620-800/805</b><br>620-804<br>620-EC-800<br>620-WHS-800                                                | <b>Endoscope and Instrument Holders</b><br>Rails Clamping Base, Double Clamp<br>End Screw (800/805)<br>Wing Handle Screw (800/805)                                         |



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## 3-Piece Take-Apart Quick Reference

### Handles



#### Passive Ratchet Mechanism

Precise teeth easily engage and disengage for surgical flexibility.

#### Monopolar Connection

All handles have monopolar connection for eletrosurgical flexibility.



**642-200**  
w/ Rotation, w/ Ratchet



**642-225**  
w/o Rotation, w/ Ratchet



**642-250**  
w/ Rotation, w/o Ratchet



**642-275**  
w/o Rotation, w/o Ratchet

### Shafts



**643-350**  
5mm, 350mm



**643-425**  
5mm, 425mm



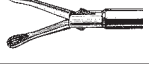
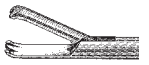
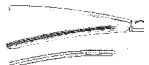
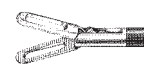
**643-650**  
10mm, 350mm

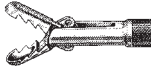
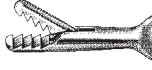
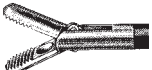
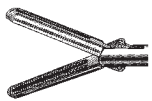
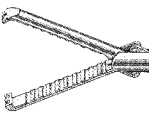
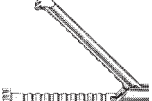
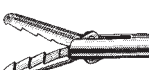
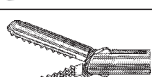


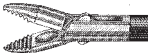
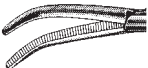
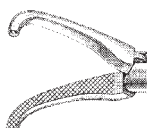
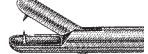
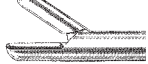
**643-725**  
10mm, 425mm

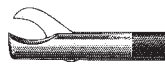
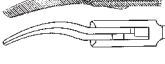
### Cleaning Brush

**643-100**  
For all shafts

| Tip Style                                                                           |                                         | Dia  | One-Piece                                                 |      | 3-Piece Take-Apart |                                      |      |
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|    | Atrau-Allis Grasping Forceps            | 5mm  | 600-113, 600-114<br>625-113, 625-113LL                    | 7    | 644-518<br>644-519 | 645-518, 645-519<br>646-518, 646-519 | 37   |
|                                                                                     | Atrau-Allis Long Jaw Grasping Forceps   | 5mm  | 625-114<br>625-114LL                                      | 7    | 644-520<br>644-521 | 645-520<br>645-521                   | 37   |
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|    | DeBakey Forceps                         | 5mm  | 600-140, 610-140<br>610-140L, 625-140LL                   | 9    | 644-528<br>644-529 | 645-528, 645-529<br>646-528, 646-529 | 38   |
|  | DeBakey Forceps, Curved                 | 10mm | 625-141                                                   | 9    | 644-530<br>644-531 | 645-530<br>645-531                   | 38   |
|  | DJB Grasping Forceps                    | 5mm  | 625-139<br>625-139LL                                      | 9    | 644-526<br>644-527 | 645-526<br>645-527                   | 38   |
|  | Dual-Cup Grasping Forceps               | 5mm  | 600-108IL, 610-108<br>625-108, 625-108LL                  | 6    | 644-512<br>644-513 | 645-512<br>645-513                   | 43   |
|  | Duckbill Grasping Forceps               | 5mm  | 625-118                                                   | 12   | 644-561<br>644-562 | 647-561<br>647-562                   | 42   |
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|  | Fundus Grasping Forceps - Double Action | 5mm  | 600-107IL, 610-107DA<br>625-107D5, 625-107DA<br>625-107RD | 6    | 644-510<br>644-511 | 645-510<br>645-511                   | 36   |
|  | Fundus Grasping Forceps - Single Action | 5mm  | 610-107, 625-107<br>625-107LL                             | 6    | 644-508<br>644-509 | 645-508<br>645-509                   | 36   |
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| Tip Style                                                                           |                                             | Dia  | One-Piece                                                                          |      | 3-Piece Take-Apart |                                                                              |      |
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|    | Grasping and Extracting Forceps             | 10mm | 600-130                                                                            | 8    | 644-554<br>644-555 | 646-554<br>646-555                                                           | 44   |
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|    | Hunter Bowel Grasper                        | 5mm  | 600-164IL, 610-163<br>610-164, 610-165<br>625-163, 625-164<br>625-164LL, 625-165LL | 13   | 644-550<br>644-551 | 645-550, 645-551<br>647-550, 647-551                                         | 44   |
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|  | Strong TC Grasping Forceps                  | 5mm  | 625-101, 625-103<br>625-103LL                                                      | 5    | 644-504<br>644-505 | 645-504<br>645-505                                                           | 41   |
|  | Swanstrom Grasping Forceps                  | 5mm  | 600-148IL, 610-148<br>625-148, 625-148LL                                           | 11   | 644-542<br>644-543 | 645-542<br>645-543                                                           | 43   |
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|  | Tenaculum Forceps                           | 5mm  | 605-152                                                                            | 14   | 644-569<br>644-570 | 646-569<br>646-570                                                           | 40   |
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| Tip Style                                                                           |                                  | Dia  | One-Piece                       |      | 3-Piece Take-Apart |                                      |      |
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|    | Micro Scissors, Straight         | 5mm  | 600-210                                  | 21   | 644-709<br>644-710 | 648-709<br>648-710                       | 50   |
|    | Mini Scissors                    | 5mm  | 625-240                                  | 21   | 644-717<br>644-718 | 647-717<br>647-718                       | 51   |
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|  | Supercut Scissors                | 5mm  | 600-200<br>600-201                       | 20   | 644-700<br>644-701 | 647-700<br>647-701<br>648-700<br>648-701 | 50   |

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Integra ■ 589 Davies Drive, York, PA 17402  
877-468-5572 USA ■ 800-275-7192 fax  
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