



Weck®

Ligation Solutions

Metal and polymer ligation systems to help
you ligate with security and confidence

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Beginning in Edward Weck’s Manhattan storefront in 1884, Weck brand products have been there for surgeons — step-by-step — since the earliest days of modern surgery.

In 1963, the Weck brand redefined the closure market with the introduction of the Hemoclip® Traditional Metal Ligating Clip. Over the last fifty years, the Weck brand has continued to refine the science of closure to produce a line of metal and polymer ligation solutions demanded by surgeons around the world.

Whether you prefer the classic feel of metal clips or the modern flexibility of polymer, Teleflex offers ligation products designed to suit your distinct preferences and procedural needs:

- **Weck Hem-o-lok® Polymer Locking Ligation Systems** provide unparalleled security, based on an ex-vivo study, against leading competitors in three common clip failure modes*, the ability to ligate larger vessels through a smaller port, and cool ligation. Hem-o-lok Clips are ideal for both open and laparoscopic cases.
- **Horizon™ and Hemoclip Metal Ligation Systems** satisfy your need for traditional metal ligating clips for use in cardiovascular and general surgical applications. Available in a range of sizes, surgeons have relied on Weck Metal Clips for generations.



*Data on file (2013 internal study), Teleflex Incorporated, Report #D001591. Testing conducted on porcine carotids, sample size = 33, p<0.05. Clinical performance cannot be extrapolated from the data. Testing pressures range beyond physiological pressures. The Weck® Hem-o-lok® medium/large clip was compared to Ethicon® LIGAMAX™ 5, Ethicon LIGACLIP® ERCA 10mm, and Covidien Endo Clip™ III. The Weck Hem-o-lok large clip was compared to Ethicon LIGACLIP ERCA Large Clips and Covidien Endo Clip™ L

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Weck® Hem-o-lok® Polymer Locking Ligation System

Secure-locking polymer technology

Confidence you can feel

Confidence. That’s what the Weck® Hem-o-lok® Polymer Locking Ligation System from Teleflex provides. Confidence created by a ligation system designed for clip security — firmly seated in the applier, securely closed around the patient vessel.

Security by design

Based on an ex-vivo study, the Hem-o-lok System delivers unparalleled ligation security compared to leading competitors in three common clip failure modes,* with the Weck Hem-o-lok Clip’s integrated ridges and proprietary distal locking mechanism.

Polymer flexibility

The Hem-o-lok Clip’s non-absorbable polymer composition and flexible hinge allow it to pass through a smaller port and provide a larger distal opening than comparable metal clips. As a result, Hem-o-lok Clips can ligate up to a 10 mm structure through a 5 mm port, and up to a 16 mm structure through a 10 mm port.

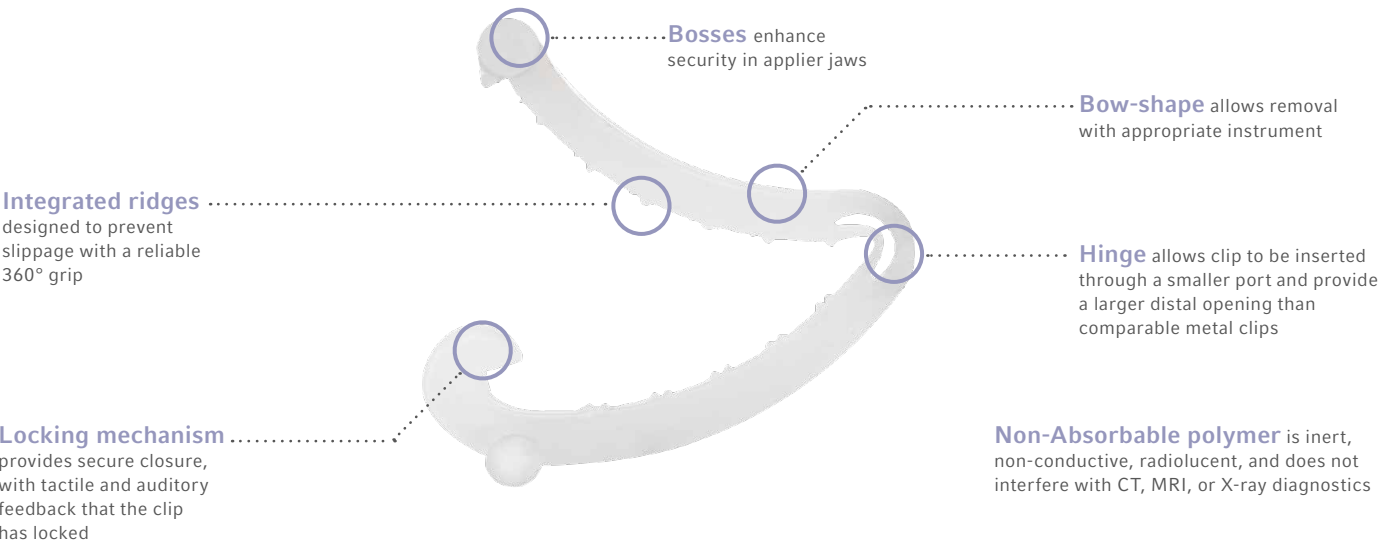
Cool ligation

Since the Hem-o-lok System is a cool ligation system, there’s no chance of thermal spread to vital structures, a common concern of many surgeons when using energy-based ligation solutions.

Size ranges to meet your needs

The Hem-o-lok System is available in a range of clip sizes: Medium, Medium-Large, Large and Extra-Large. Our broad range of applier lengths (including 45 cm endoscopic appliers for extended reach) allows surgeons to deliver clips with control and confidence.

WECK® HEM-O-LOK® POLYMER LIGATION CLIP FEATURES



MANUAL LOAD APPLIERS

HEM-O-LOK OPEN APPLIERS

- Open appliers available in Medium, Medium-Large, Large, Extra-Large
- Available in 8" and 11" lengths and curved or right-angle jaws
- Opens at box lock for easy, thorough cleaning



544180



544179



544240

HEM-O-LOK ENDOSCOPIC APPLIERS

- Endoscopic appliers available in Medium-Large, Large, Extra-Large
- Available with 32 cm or extended-length 45 cm shafts
- Available in both one-piece and take-apart designs



544965



544995T

AUTOMATIC APPLIER

WECK AUTO ENDO5® CLIP APPLIER

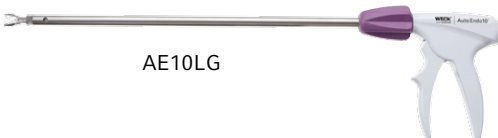
- 5 mm automatic clip applier with 15 Medium-Large polymer clips
- Medium-Large clips designed for 3-10 mm size vessels
- Clip designed for security – offers greater confidence in secure occlusion



AE05ML

WECK AUTO ENDO10™ CLIP APPLIER

- 10 mm automatic clip applier with 12 Large polymer clips
- Large clips designed for 5-13 mm size vessels
- Long 35 mm shaft for enhanced reach



AE10LG

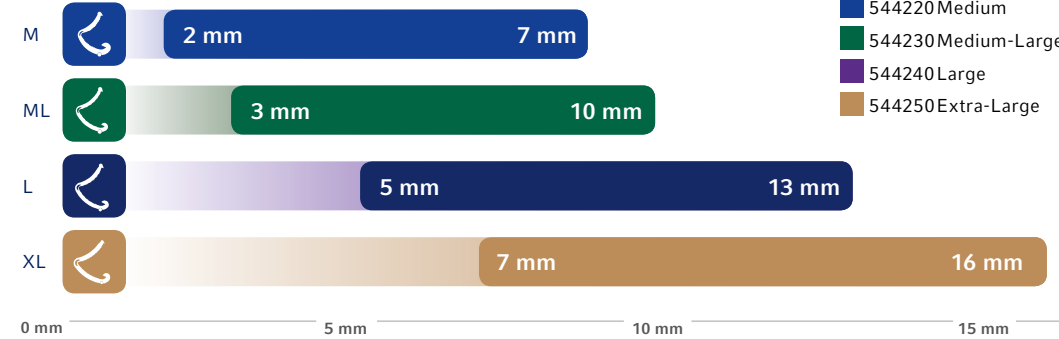
*Data on file (2013 internal study), Teleflex Incorporated, Report #D001591. Testing conducted on porcine carotids, sample size = 33, p≤ 0.05. Clinical performance cannot be extrapolated from the data. Testing pressures range beyond physiological pressures. The Weck® Hem-o-lok® medium/large clip was compared to Ethicon® LIGAMAX™ 5, Ethicon LIGACLIP® ERCA 10mm, and Covidien Endo Clip™ III. The Weck Hem-o-lok large clip was compared to Ethicon LIGACLIP ERCA Large Clips and Covidien Endo Clip™ L

Hem-o-lok Ligating Clips are not intended for use as a fallopian contraceptive tubal occlusion device.
Hem-o-lok Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

Weck® Hem-o-lok® Polymer Locking Ligation System

Secure-locking polymer technology

Vessel/Tissue Bundle Size Range




HEM-O-LOK POLYMER LIGATING CLIPS

- 544220 Medium
- 544230 Medium-Large
- 544240 Large
- 544250 Extra-Large



ORDERING INFORMATION

Weck Hem-o-lok Polymer Locking Ligation System

| CLIPS | OPEN MANUAL LOAD APPLIERS/REMOVERS | ENDOSCOPIC MANUAL LOAD APPLIERS/REMOVERS | AUTOMATIC APPLIERS |
|--|---|---|--|
| <div> M</div> <div>544220 Hem-o-lok Medium Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile</div> | <div>544113 8" Curved</div> <div>544114 11" Right-Angle (70°)</div> <div>544115 11" Curved</div> <div>544123 11" Remover (for M, ML, L)</div> | | |
| <div> ML</div> <div>544230 Hem-o-lok Medium-Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile</div> | <div>544170 8" Curved</div> <div>544171 11" Curved</div> <div>544172 11" Right-Angle (70°)</div> <div>544123 11" Remover (for M, ML, L)</div> | <div>Endo5® ML, 5 mm diameter</div> <div>544965 32.5 cm applier</div> <div>544965L 45 cm applier</div> <div>544965T 34 cm applier, take-apart</div> <div>544121 32 cm remover (for ML and L)</div> <div>544121L 45 cm remover (for ML and L)</div> <div>544121T 32 cm remover, take-apart (for ML and L)</div> | <div>AE05ML 35 cm Applier 15 ML clips per applier, 3 appliers per box, sterile, disposable</div> |
| <div> L</div> <div>544240 Hem-o-lok Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile</div> | <div>544179 11" Right-Angle (70°)</div> <div>544180 8" Curved</div> <div>544181 11" Curved</div> <div>544182 10" Right-Angle (70°), narrow shaft</div> <div>544123 11" Remover (for M, ML, L)</div> <div>544124 11" Remover (for L, XL)</div> | <div>Endo10™ L, 10 mm diameter</div> <div>544995 32 cm applier, 10 mm</div> <div>544995L 45 cm applier, 10 mm</div> <div>544995T 34 cm applier, 10 mm, take-apart</div> <div>544121 32 cm remover, 5 mm (for ML and L)</div> <div>544121L 45 cm remover, 5 mm (for ML and L)</div> <div>544121T 32 cm remover, 5 mm, take-apart (for ML and L)</div> <div>544130 32 cm remover, 10 mm (for L and XL)</div> <div>544130L 45 cm remover, 10 mm (for L and XL)</div> <div>544130T 33 cm remover, 10 mm take-apart (for L and XL)</div> | <div>AE10LG 35 cm Applier 12 L clips per applier, 3 appliers per box, sterile, disposable</div> |
| <div> XL</div> <div>544250 Hem-o-lok Extra-Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile</div> | <div>544191 11" Curved</div> <div>544192 11" Right-Angle (70°)</div> <div>544124 11" Remover (for L, XL)</div> | <div>Endo10™ XL, 10 mm diameter</div> <div>544990 32 cm applier</div> <div>544990L 45 cm applier</div> <div>544990T 34 cm applier, take-apart</div> <div>544130 32 cm remover (for L and XL)</div> <div>544130L 45 cm remover (for L and XL)</div> <div>544130T 33 cm remover, take-apart (for L and XL)</div> | |
| STORAGE TRAY | | <div>544500 capacity: 3 endoscopic 32 cm appliers</div> <div>P37319 capacity: 2-3 endoscopic 45 cm appliers</div> | |

Hem-o-lok Ligating Clips are not intended for use as a fallopian contraceptive tubal occlusion device.
Hem-o-lok Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

Weck® Horizon™ Metal Ligation System

Precise easy-loading titanium clips

The Horizon System is the premium Weck titanium clip ligation platform, providing surgeons a strong, secure clip coupled with an efficient, convenient easy-load cartridge system.

The Horizon Clip

The pre-formed chevron shape of the Horizon Clip engulfs tissue with precise tip-to-tip closure. The heart-shaped wire is designed to give each clip a firm grip on vessels, while the triangulated cross-section of the clip leg maximizes surface-to-surface contact between clip and jaw, practically eliminating clip fallout.

The Horizon Cartridge

The design of the Horizon Cartridge creates a nearly frictionless one-hand load. Horizon Cartridges are color-coded to match applicators and adhesive backing allows convenient placement of the cartridge to any sterile area.

Clip images represent approximate, not exact, sizes.



OPEN APPLIERS

- Available with curved (20°), angled (55°) or right-angled (70°) jaws
- Opens at box-lock for easy, thorough cleaning
- Available in a wide range of applier lengths including 14"



ENDOSCOPIC APPLIERS

- Medium, Medium-Large, and Large
- Extended length available (45 cm shaft)
- Large, lightweight rotation knob allows one-finger, 360° rotation of applier shaft
- Flush ports for thorough cleaning



CLIP OPTIONS

- The Horizon Clip Cartridge provides easy and precise loading that can enhance surgical procedure efficiency
- Both 6- and 24-clip cartridges are available



SPECIALTY APPLIER

- The Horizon 11" Multi-Angle Access Open Surgical Applier for small (wide slot) clip cartridges incorporates a 45° angled jaw (or curved jaw) for an optimal angle of access to the surgical target
- The Horizon Endosaphenous Vein Applier incorporates a 5 mm shaft diameter with a 7 mm angled jaw for ligation of vein branches



Weck Ligating Clips are not intended for use as a contraceptive tubal occlusion device.
Weck Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

Weck® Horizon™ Metal Ligation System

Precise easy-loading titanium clips



ORDERING INFORMATION

Weck Horizon Metal Ligation System

| TITANIUM LIGATING CLIPS | | | | |
|-------------------------|--------------|-----------------|----|-----------|
| ITEM CODE | CLIP SIZE | CLIPS/CARTRIDGE | | CLIPS/BOX |
| 005200 | MicroClip™ | 6 | 30 | 180 |
| 001200 | Small | 6 | 30 | 180 |
| 001204 | Small | 24 | 25 | 600 |
| 001201 | Small-Wide | 6 | 30 | 180 |
| 001205 | Small-Wide | 24 | 25 | 600 |
| 002200 | Medium | 6 | 30 | 180 |
| 002204 | Medium | 24 | 25 | 600 |
| 003200 | Medium-Large | 6 | 20 | 120 |
| 003204 | Medium-Large | 24 | 15 | 360 |
| 004200 | Large | 6 | 20 | 120 |
| 004204 | Large | 24 | 15 | 360 |

ORDERING INFORMATION

Weck Horizon Metal Ligation System

| OPEN SURGICAL APPLIERS | | | |
|------------------------|----------------|--------------|--------------|
| ITEM CODE | APPLIER LENGTH | CLIP SIZE | JAW TYPE* |
| 537061 | 6" (15 cm) | MicroClip | Curved |
| 537081 | 8" (20 cm) | MicroClip | Curved |
| 137061 | 6" (15 cm) | Small | Curved |
| 137081 | 8" (20 cm) | Small | Curved |
| 137085 | 8" (20 cm) | Small | Angled |
| 137111 | 11" (28 cm) | Small | Curved |
| 137062 | 6" (15 cm) | Small-Wide | Curved |
| 137082 | 8" (20 cm) | Small-Wide | Curved |
| 137086 | 8" (20 cm) | Small-Wide | Angled |
| 137112 | 11" (28 cm) | Small-Wide | Curved |
| 237061 | 6" (15 cm) | Medium | Curved |
| 237081 | 8" (20 cm) | Medium | Curved |
| 237085 | 8" (20 cm) | Medium | Angled |
| 237111 | 11" (28 cm) | Medium | Curved |
| 237115 | 11" (28 cm) | Medium | Angled |
| 237117 | 11" (28 cm) | Medium | Right-Angled |
| 237141 | 14" (35.5 cm) | Medium | Curved |
| 237145 | 14" (35.5 cm) | Medium | Angled |
| 337081 | 8" (20 cm) | Medium-Large | Curved |
| 337085 | 8" (20 cm) | Medium-Large | Angled |
| 337111 | 11" (28 cm) | Medium-Large | Curved |
| 337115 | 11" (28 cm) | Medium-Large | Angled |
| 337117 | 11" (28 cm) | Medium-Large | Right-Angled |
| 337141 | 14" (35.5 cm) | Medium-Large | Curved |
| 337145 | 14" (35.5 cm) | Medium-Large | Angled |
| 437081 | 8" (20 cm) | Large | Curved |
| 437085 | 8" (20 cm) | Large | Angled |
| 437111 | 11" (28 cm) | Large | Curved |
| 437115 | 11" (28 cm) | Large | Angled |
| 437117 | 11" (28 cm) | Large | Right-Angled |
| 437141 | 14" (35.5 cm) | Large | Curved |
| 437145 | 14" (35.5 cm) | Large | Angled |

| ENDOSCOPIC LIGATING APPLIERS | | | | |
|------------------------------|----------------|----------------------|--------------|---------------|
| ITEM CODE | APPLIER LENGTH | DIAMETER | CLIP SIZE | JAW TYPE |
| 238110 | 12" (31 cm) | 10 mm | Medium | Endoscopic |
| 238170 | 18" (45 cm) | 10 mm | Medium | Endoscopic |
| 238200 | 13" (32 cm) | 5 mm Shaft, 7 mm Jaw | Medium | Endosaphenous |
| 338110 | 13" (32 cm) | 10 mm | Medium-Large | Endoscopic |
| 338170 | 18" (45 cm) | 10 mm | Medium-Large | Endoscopic |
| 438110 | 14" (36 cm) | 12 mm | Large | Endoscopic |
| 438170 | 18" (45 cm) | 12 mm | Large | Endoscopic |

ENDOSCOPIC LIGATING APPLIERS – TAKE-APART

| ITEM CODE | APPLIER LENGTH | DIAMETER | CLIP SIZE | JAW TYPE |
|-----------|----------------|----------|--------------|------------|
| 238110T | 11" (28 cm) | 10 mm | Medium | Endoscopic |
| 338110T | 11" (28 cm) | 10 mm | Medium-Large | Endoscopic |

SPECIALTY OPEN SURGICAL LIGATING APPLIERS

| ITEM CODE | APPLIER LENGTH | CLIP SIZE | JAW TYPE |
|-----------|----------------|------------|------------|
| 137117 | 11" (28 cm) | Small-Wide | 45° Angled |
| 137118 | 11" (28 cm) | Small-Wide | Curved |

METAL CLIP REMOVERS (REMOVES ALL WECK METAL CLIPS)

| ITEM CODE | APPLIER LENGTH | STYLE |
|-----------|-----------------|-----------------------|
| 523120 | 6.5" (16.5 cm) | Straight |
| 523121 | 10.5" (26.7 cm) | Bent Shaft, 30° Angle |

Weck Ligating Clips are not intended for use as a contraceptive tubal occlusion device.

Weck Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

*Curved 20°, Angled 55°, Right-Angle 70°

Weck® Hemoclip® Metal Ligation Systems

Classic metal clip ligation relied on by surgeons for years

HEMOCLIP TRADITIONAL METAL LIGATING CLIPS

- Friction fit loading system
- Available in titanium and tantalum
- Cartridge base to assist loading

HEMOCLIP PLUS SYSTEM

The Hemoclip Plus System is an evolution of the classic metal Hemoclip. Hemoclip Plus Metal Ligating Clips feature:

- An easy-load cartridge system
- Available in titanium
- Clip loads from the cartridge with minimal pressure
- Adhesive or non-adhesive clip cartridges

CLIP OPTIONS

- Chevron-shaped clip for precise tip to tip closure
- Heart-shaped wire for tenacious grip on vessels
- Lateral transverse grooves for increased vessel contact



523130

OPEN APPLIERS

- Available in a variety of lengths and tip angles
- Opens at box-lock for easy cleaning



Curved tip



Right angle tip



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Weck® Hemoclip® Metal Ligation Systems

Classic metal clip ligation relied on by surgeons for years

ORDERING INFORMATION

Weck Hemoclip Traditional Clips and Appliers

| HEMOCLIP TRADITIONAL-TITANIUM LIGATING CLIPS | | | | |
|--|--------------|---------------------|--------------------|-----------|
| ITEM CODE | CLIP SIZE | CLIPS/ CARTRIDGE | CARTRIDGES/ BOX | CLIPS/BOX |
| 523735 | Small | 25 | 12 | 300 |
| 523835 | Small | 10 | 24 | 240 |
| 523700 | Medium | 25 | 10 | 250 |
| 523800 | Medium | 10 | 20 | 200 |
| 523760 | Medium/Large | 10 | 20 | 200 |
| 523860 | Medium/Large | 10 | 16 | 160 |
| 523770 | Large | 15 | 10 | 150 |
| 523870 | Large | 10 | 12 | 120 |

| HEMOCLIP TRADITIONAL-TANTALUM LIGATING CLIPS | | | | |
|--|--------------|---------------------|--------------------|-----------|
| ITEM CODE | CLIP SIZE | CLIPS/ CARTRIDGE | CARTRIDGES/ BOX | CLIPS/BOX |
| 523135 | Small | 25 | 12 | 300 |
| 523335 | Small | 10 | 24 | 240 |
| 523100 | Medium | 25 | 10 | 250 |
| 523300 | Medium | 10 | 20 | 200 |
| 523160 | Medium/Large | 10 | 20 | 200 |
| 523360 | Medium/Large | 10 | 16 | 160 |
| 523170 | Large | 15 | 10 | 150 |
| 523370 | Large | 10 | 12 | 120 |

■ Small ■ Medium ■ Medium/Large ■ Large

| HEMOCLIP TRADITIONAL LIGATING CLIP APPLIERS | | | | |
|---|--------------|----------------|--------------|--|
| ITEM CODE | CLIP SIZE | APPLIER LENGTH | JAW TYPE | |
| 523140 | Small | 6" (15 cm) | Curved | |
| 523150 | Small | 8" (20 cm) | Curved | |
| 523151 | Small | 11" (28 cm) | Curved | |
| 523105 | Medium | 8" (20 cm) | Right Angled | |
| 523106 | Medium | 11" (28 cm) | Right Angled | |
| 523109 | Medium | 6" (15 cm) | Curved | |
| 523110 | Medium | 8" (20 cm) | Curved | |
| 523111 | Medium | 11" (28 cm) | Curved | |
| 523165 | Medium/Large | 8" (20 cm) | Curved | |
| 523166 | Medium/Large | 11" (28 cm) | Curved | |
| 523167 | Medium/Large | 8" (20 cm) | Right Angled | |
| 523168 | Medium/Large | 11" (28 cm) | Right Angled | |
| 523175 | Large | 8" (20 cm) | Curved | |
| 523177 | Large | 8" (20 cm) | Right Angled | |
| 523178 | Large | 11" (28 cm) | Right Angled | |
| 523180 | Large | 11" (28 cm) | Curved | |

| HEMOCLIP TRADITIONAL LIGATING CLIP PRECISION APPLIERS | | | | |
|---|-----------|----------------|----------|--|
| ITEM CODE | CLIP SIZE | APPLIER LENGTH | JAW TYPE | |
| 523540 | Small | 6" (15 cm) | Curved | |
| 523550 | Small | 8" (20 cm) | Curved | |
| 523551 | Small | 11" (28 cm) | Curved | |

| HEMOCLIP LIGATING CLIP ACCESSORIES | | | | |
|------------------------------------|------------------|----------------|---------------|--|
| ITEM CODE | CLIP SIZE | APPLIER LENGTH | JAW TYPE | |
| 523120 | Removing Forceps | 6" (15 cm) | Straight | |
| 523121 | Removing Forceps | 10" (25.4 cm) | Angled Shanks | |
| 523130 | Cartridge Base | 7" (17.78 cm) | | |

ORDERING INFORMATION

WECK HEMOCLIP PLUS CLIPS AND APPLIERS

■ Small ■ Small/Wide ■ Medium ■ Medium/Large ■ Large

| HEMOCLIP TRADITIONAL-TITANIUM LIGATING CLIPS | | | | | HEMOCLIP PLUS LIGATING CLIP APPLIERS | | | |
|--|--------------------------|---------------------|--------------------|-----------|--------------------------------------|-------------------|----------------|--------------|
| ITEM CODE | CLIP SIZE | CLIPS/ CARTRIDGE | CARTRIDGES/ BOX | CLIPS/BOX | ITEM CODE | CLIP SIZE | APPLIER LENGTH | JAW TYPE |
| 533735 | Small w/tape | 25 | 12 | 300 | 533140 | Small | 6" (15 cm) | Curved |
| 533737 | Small | 25 | 12 | 300 | 533150 | Small | 8" (20 cm) | Curved |
| 533835 | Small w/tape | 10 | 18 | 180 | 533151 | Small | 11" (28 cm) | Curved |
| 533837 | Small | 10 | 18 | 180 | 533152 | Small | 8" (20 cm) | Right Angled |
| 534735 | Small Strongpoint w/tape | 25 | 12 | 300 | 534140 | Small Strongpoint | 6" (15 cm) | Curved |
| 534737 | Small Strongpoint | 25 | 12 | 300 | 534150 | Small Strongpoint | 8" (20 cm) | Curved |
| 534835 | Small Strongpoint w/tape | 10 | 18 | 180 | 533105 | Medium | 8" (20 cm) | Right Angled |
| 534837 | Small Strongpoint | 10 | 18 | 180 | 533106 | Medium | 11" (28 cm) | Right Angled |
| 533700 | Medium w/tape | 25 | 10 | 250 | 533108 | Medium | 11" (28 cm) | Angled |
| 533702 | Medium | 25 | 10 | 250 | 533109 | Medium | 6" (15 cm) | Curved |
| 533800 | Medium w/tape | 10 | 18 | 180 | 533110 | Medium | 8" (20 cm) | Curved |
| 533802 | Medium | 10 | 18 | 180 | 533111 | Medium | 11" (28 cm) | Curved |
| 533860 | Medium-Large w/tape | 10 | 12 | 120 | 533164 | Medium-Large | 11" (28 cm) | Angled |
| 533862 | Medium-Large | 10 | 12 | 120 | 533165 | Medium-Large | 8" (20 cm) | Curved |
| 533870 | Large w/tape | 10 | 12 | 120 | 533166 | Medium-Large | 11" (28 cm) | Curved |
| 533872 | Large | 10 | 12 | 120 | 533167 | Medium-Large | 8"(20 cm) | Right Angled |

| HEMOCLIP LIGATING CLIP ACCESSORIES | | | | |
|------------------------------------|------------------|----------------|---------------|--|
| ITEM CODE | CLIP SIZE | APPLIER LENGTH | JAW TYPE | |
| 523120 | Removing Forceps | 6" (15 cm) | Straight | |
| 523121 | Removing Forceps | 10" (25.4 cm) | Angled Shanks | |
| 523130 | Cartridge Base | 7" (17.78 cm) | | |

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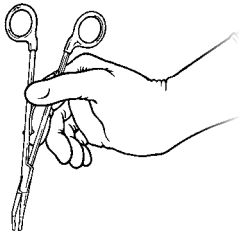
Weck® Clip Loading Methods

Manual applier technique

RING-HANDLED APPLIER GUIDELINES

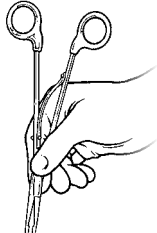
To prevent jaw applier damage or dropped clips, the user should avoid any grasp that can compress the two shanks of the applier during loading. Applier is held at an angle appropriate to sliding the jaws into the cartridge.

Preferred Loading Methods



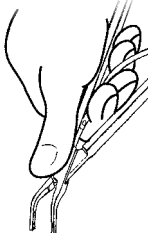
Method #1 Shank and Spring

One shank and the spring are held between the thumb and index finger, which is placed between shafts to spread jaws and stabilize loading.



Method #2 Pencil Grip

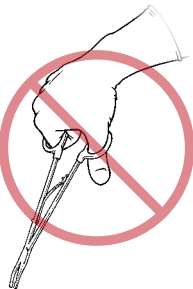
Box-lock is held between the thumb and side of index finger, with tips of index finger and other fingers supporting box-lock area for stability. The index finger is behind the box-lock, not beside it.



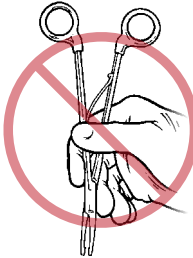
Method #3 Angled Appliers

Thumb should be placed on top of the box-lock while other fingers support one side of the shaft.

What to Avoid



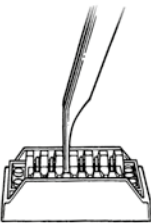
Grasping the applier at both rings tends to force applier tips together and “fights” the loading action. This may cause the applier to twist or rock, allowing jaw damage or misloaded clips.



Holding both shanks of applier, even near the box-lock, may also tend to force jaws together during loading. Keep the index finger behind the box-lock or shank.

RING HANDLE AND ENDOSCOPIC APPLIER CLIP LOADING

Proper Jaw Angle



Applier jaws need to be positioned perpendicular to the cartridge body for slide-in of the jaw into the cartridge seat. It is necessary to set the shanks of the applier (the main body of the applier) at an acute angle to the cartridge.

Warranty/Repair

Send all appliers in need of repair or refurbishment to:

Teleflex® Applier Repairs
4620-A Industry Lane
Durham, NC 27713

For applier repairs outside the U.S., contact your local distributor.

Open Surgical Appliers

All Weck Ring Handled Reusable Open Surgical Appliers are covered by a warranty. Teleflex will repair, or replace, free of charge, these appliers as long as the appliers are used as intended for application of Weck Clips and have not been repaired by unauthorized personnel.

Endoscopic Surgical Appliers

Weck Manual Load Endoscopic Appliers are covered by a three year warranty on defects in materials and workmanship and a three year repair service on tip alignment and refurbishment as long as the appliers are used as intended for application of Weck Clips and have not been repaired by unauthorized personnel.

Teleflex | Toll Free: 866.246.6990 | www.teleflex.com

Care and Maintenance

Weck® Open and Endoscopic Clip Appliers

CLEANING

Follow hospital, Association of the Advancement of Medical Instrumentation (AAMI), Association of Perioperative Registered Nurses (AORN), or regional standards for cleaning your appliers.

Open Appliers

Opening the box lock:

- Lightly squeeze shanks together with one hand
- Lift the spring off the flag
- Open the applier



Endoscopic Appliers — One Piece

Endoscopic appliers are provided with a cleaning port, which permits access to the interior channels and cavities. Uncap the cleaning port and flush the applier with warm distilled or filtered water for approximately two minutes or until the visible gross debris is removed from the device.



Lubrication

Lubrication is essential every time instruments are processed. Do not use mineral oil, petroleum, or silicone-based products. Use a non-silicone water-soluble lubricant prior to sterilization.

Sterilization

| STERILIZATION METHOD | INSTRUMENT CONFIGURATION | TEMPERATURE | EXPOSURE TIME (MINIMUM) | DRYING TIME (MINIMUM) |
|----------------------|--------------------------|----------------|-------------------------|-----------------------|
| US PARAMETERS | | | | |
| Pre-vacuum | Wrapped | 270°F (132° C) | 4 minutes | 10 minutes |
| Pre-vacuum | Wrapped | 275°F (135° C) | 3 minutes | 10 minutes |
| Gravity Displacement | Wrapped | 275°F (135° C) | 10 minutes | 10 minutes |
| NON-US PARAMETERS | | | | |
| Pre-vacuum | Wrapped | 273°F (134° C) | 3 minutes | 10 minutes |
| Pre-vacuum | Wrapped | 279°F (137° C) | 3 minutes | 10 minutes |
| Gravity Displacement | Wrapped | 270°F (132° C) | 10 minutes | 10 minutes |

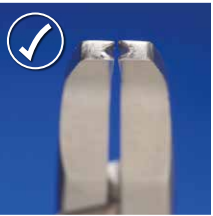
INSPECTION

Please examine endoscopic and open appliers for potential damage before use in surgery. Pay particular attention to the jaws. Damaged or misaligned jaws may not allow clips to close acceptably for occlusion of intended structure.

Open and Endoscopic Appliers

Alignment:

Always check the alignment of the applier jaws before use. When closed, jaw tips should be directly aligned and not offset.



Open Appliers

Check the following components of your open clip appliers:

Spring:

Examine to ensure spring is not loose, bent, or rusted.



Flag Condition:

Examine to ensure flag is not missing or damaged.



Applier Management

Two convenient options to manage your open appliers

An essential part of accurate ligation is a finely crafted applier, designed specifically for Weck® Clips and maintained to the highest standards. We are proud to provide, service, maintain and replace these appliers for you — ensuring that each clip is applied by a device designed specifically for that clip.

TWO WAYS TO OBTAIN HORIZON™, HEM-O-LOK®, HEMOCLIP® PLUS AND TRADITIONAL APPLIERS:

Option 1 — Applier Purchase

All Weck Appliers are available for purchase. Purchased open appliers will be maintained, repaired or replaced for as long as you own them, at no charge, through Teleflex® as long as the appliers are used as intended for application of Weck Clips and have not been repaired by unauthorized personnel. Contact your local Surgical Sales Representative for more details.

Option 2 — Applier Loaner Program

Hospitals purchasing Weck Clips can take advantage of the Teleflex Applier Loaner Program. Weck Open Metal Clip Appliers are loaned to the hospital for use with Weck Clips. Teleflex will maintain, repair or replace all appliers needed to be sufficient for the volume of Weck Clips being used. These appliers will be provided to the hospital at no charge for exclusive use with Weck Clips. If the hospital discontinues its use of Weck Clips, then the appliers are to be returned to Teleflex (Signed Loaner Agreement required).



Product Use Information

Weck Metal and Polymer Clips are intended for use in procedures involving ligation of vessels or tissue structures. Surgeons should apply the appropriate size clip for the size of the vessel or tissue structure to be ligated.

Weck Ligating Clips are contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomy. In procedures other than laparoscopic donor nephrectomy, Teleflex recommends ligation of the renal artery with more than one clip on the patient side with a minimum distal renal artery cuff of 2–3 mm beyond the distal clip. Application of a second clip on all other vessels other than the renal artery should be dictated by the surgeon’s judgment. Security of the closure should be confirmed after ligation.

Always check the alignment of the applier jaws before use. When closed, jaw tips should be directly aligned and not offset. Alignment of the jaw is critical for safe application of the clip. If this is not done, patient injury may occur. Follow the Instructions for Use for proper maintenance, care and cleaning necessary to ensure proper functionality.

Do not attempt to close the jaws on a vessel or anatomic structure without a clip properly loaded into the jaws. Closure of empty jaws on a vessel or anatomic structure may result in patient injury. Before applying a clip, verify the structural size and condition of the vessel or structure and use the proper size clip. Ligating clip systems differ in closure characteristics according to clip design and other variables. It is the responsibility of the user to select structures for the application of clips and confirm secure grip of the clips after placement, and after the use of other surgical devices in the immediate area of the application.

Your Weck Applier has been designed and calibrated for use with specific Hem-o-lok, Horizon, Hemoclip Plus or Hemoclip Traditional Ligating Clips as indicated. If applicable, applier color coding matches the color of the ligating clip cartridge for which it is to be used. Weck does not assume responsibility for unsatisfactory results caused by the use of any equipment or clips not specifically identified by Weck as an integral part of that specific system.

For clip and associated applier information, please refer to the Instructions for Use included with the applier.



For more information visit teleflex.com/ligation

Teleflex is a global provider of medical technologies designed to improve the health and quality of people's lives. We apply purpose driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers. Our portfolio is diverse, with solutions in the fields of vascular and interventional access, surgical, anesthesia, cardiac care, urology, emergency medicine and respiratory care. Teleflex employees worldwide are united in the understanding that what we do every day makes a difference. For more information, please visit teleflex.com.

Teleflex is the home of Arrow®, Deknatel®, Hudson RCI®, LMA®, Pilling®, Rüschi® and Weck® – trusted brands united by a common sense of purpose.

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India +91 (0)44 2836 5040

Italy +39 0362 58 911

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Korea +82 2 536 7550

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Netherlands +31 (0)88 00 215 00

Portugal +351 22 541 90 85

Singapore +65 6439 3000

Slovak Republic +421 (0)3377 254 28

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Spain +34 918 300 451

Switzerland +41 (0)31 818 40 90

United Kingdom +44 (0)1494 53 27 61

For more information, please visit teleflex.com.

Rx Only. Caution: U.S. federal law restricts this device to sale by or on the order of a physician. Hem-o-lok Ligating Clips are contraindicated for use as a fallopian contraceptive tubal occlusion device and contraindicated for use in ligating the renal artery during laparoscopic donor nephrectomies.

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Information in this document is not a substitute for the product Instructions for Use. The products in this catalogue may not be available in all countries. Please contact your local representative. All data current at time of printing (07/2016). Subject to technical changes without further notice.

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Set de drainage sus-pubien avec sonde de Foley 100% silicone

Ce Set contient:

- Cathéter « Integral supra-kath» transparent
- 1 trocart sécable
- Capuchon de cathéter
- **Ne contient pas de Scalpel**

Caractéristiques:

- Embout atraumatique, ouvert au centre
- Haute précision d'ajustement entre le cathéter « INTEGRAL » et le trocart secable
- Avec ligne de contraste pour rayons X
- Pas de réactions allergiques grâce à la pureté du silicone
- 2 voies / 2 oeils
- Longueur de 43 cm
- Trocart avec découpe spéciale



Références :

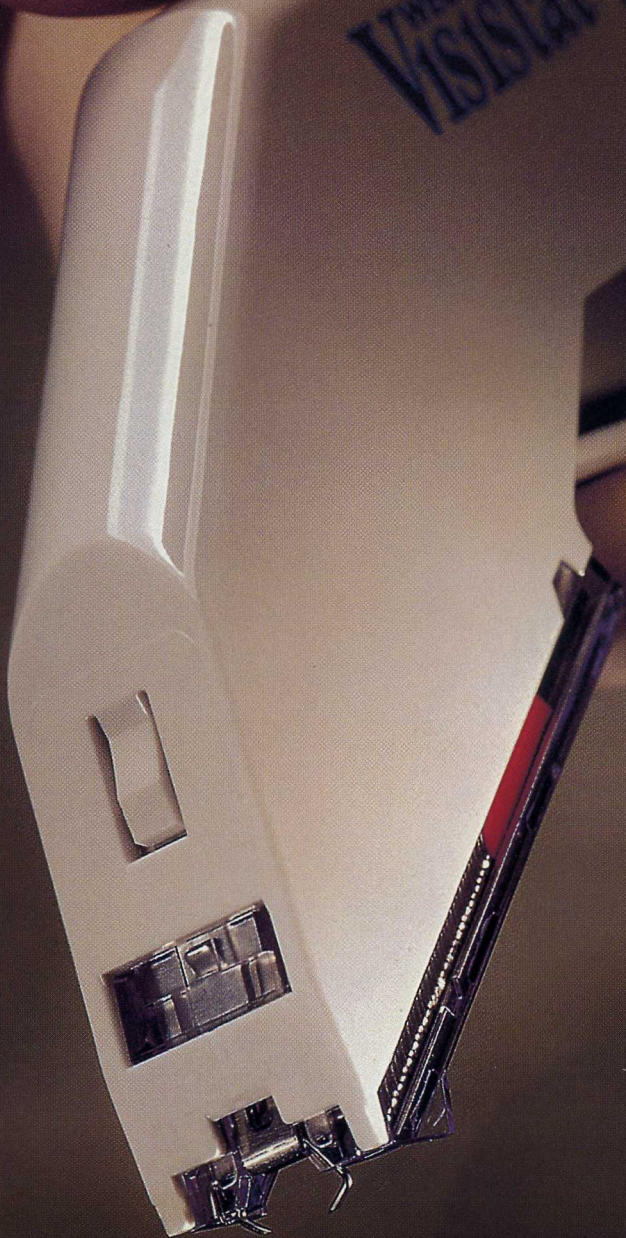
| Référence | Taille | Ballon | Trocart secable |
|-----------|--------|---------|-----------------|
| 3030.12 | CH.12 | 5 ml | Ch. 15/5,0 mm |
| 3030.14 | CH.14 | 5-10 ml | Ch. 16,8/5,6 mm |

| | |
|-----------------|---|
| Conditionnement | Conditionnement: Double emballage stérile.10 unités / boîte |
| Marquage CE | Directive européenne 93/42/CEE |
| Stérilité | STERILE E.O |

Feel
the value

Visistat[®]

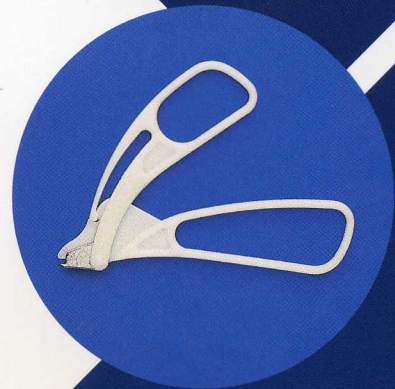
The **WECK[®]** Skin Stapler



WECK[®]

The Visistat® Skin Stapler.

The Weckstat® Skin Stapler Extractor



Feature

Advantage

See-thru window



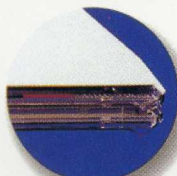
Better visibility

Sharper staple



Less tissue trauma

Patented non-stop feed



Free release and less jamming

Pre-cock function



Exact staple positioning

Taller staple



Easier removal

Our unique ring handles provide improved feel and control while our metal jaws provide both strength and reliability.

The Extractor comes 12 to a box in convenient packaging for easy storage and removal. Plus, it is sterile and disposable. To order, use catalog number 525980.

The **Visistat®** comes packaged sterile, **6 per box.**

To order the **Regular** size with a **35 staple count**, use catalog number **528135**.

To order the **Wide** size with a **35 staple count**, use catalog number **528235**.

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MEDICAL

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Research Triangle Park, NC, USA

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High Wycombe HP12 3NB - UK

CE 0120

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Medium (M)
2mm-7mm*



Medium-Large (ML)
3mm-10mm*



Large (L)
5mm-13mm*



Extra Large (XL)
7mm-16mm*

WECK HEM-O-LOK

Secure ligation of vessels and tissue masses

*See IFU for more information on size range;
Clip images represent approximate, not exact sizes.

Teleflex

THE WECK HEM-O-LOK FAMILY

WECK

| CLIPS (6 CLIPS/CARTRIDGE, 14 CARTRIDGES/BOX) | | OPEN APPLIERS | |
|--|--|---------------|---------------------|
| WK544220 | ● medium | WK544113 | ● M 8" curved |
| WK544230 | ● medium-large | WK544114 | ● M 11" 70° angled |
| WK544240 | ● large | WK544115 | ● M 11" curved |
| WK544250 | ● extra large | WK544170 | ● ML 8" curved |
| ENDOSCOPIC APPLIERS | | WK544171 | ● ML 11" curved |
| WK544965T | ● ML (33cm, 5mm diameter) | WK544172 | ● ML 11" 70° angled |
| WK544965T20 | ● ML (33cm, 5mm diameter), 20° angled | WK544179 | ● L 11" 70° angled |
| WK544995T | ● L (33cm, 10mm diameter) | WK544180 | ● L 8" curved |
| WK544995T20 | ● L (33cm, 10mm diameter), 20° angled | WK544181 | ● L 11" curved |
| WK544990T | ● XL (33cm, 10mm diameter) | WK544191 | ● XL 11" curved |
| WK544990T20 | ● XL (33cm, 10mm diameter), 20° angled | WK544192 | ● XL 11" 70° angled |
| ENDOSCOPIC REMOVERS | | OPEN REMOVERS | |
| WK544121T | ● ML (33cm, 5mm diameter) | WK544123 | ● ● ● M/ML/L |
| WK544130T | ● ● L/XL (33cm, 10mm diameter) | WK544124 | ● ● L/XL |
| WK544130T20 | ● ● L/XL (33cm, 10mm diameter), 20° angled | | |