



Weck®

Ligation Solutions

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

Weck® Ligation Solutions

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

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, $p \leq 0.05$. 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

Table of Contents

4-7

WECK® HEM-O-LOK® POLYMER LOCKING LIGATION SYSTEM
Secure locking polymer technology

8-11

WECK® HORIZON™ METAL LIGATION SYSTEM
Precise easy loading titanium clips

12-15

WECK® HEMOCLIP® METAL LIGATION SYSTEMS
Classic metal clip ligation

16-21

RESOURCES
Clip Loading Methods, Warranty and Repair, Applier Care and
Maintenance, Applier Management, Product Use Information

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.

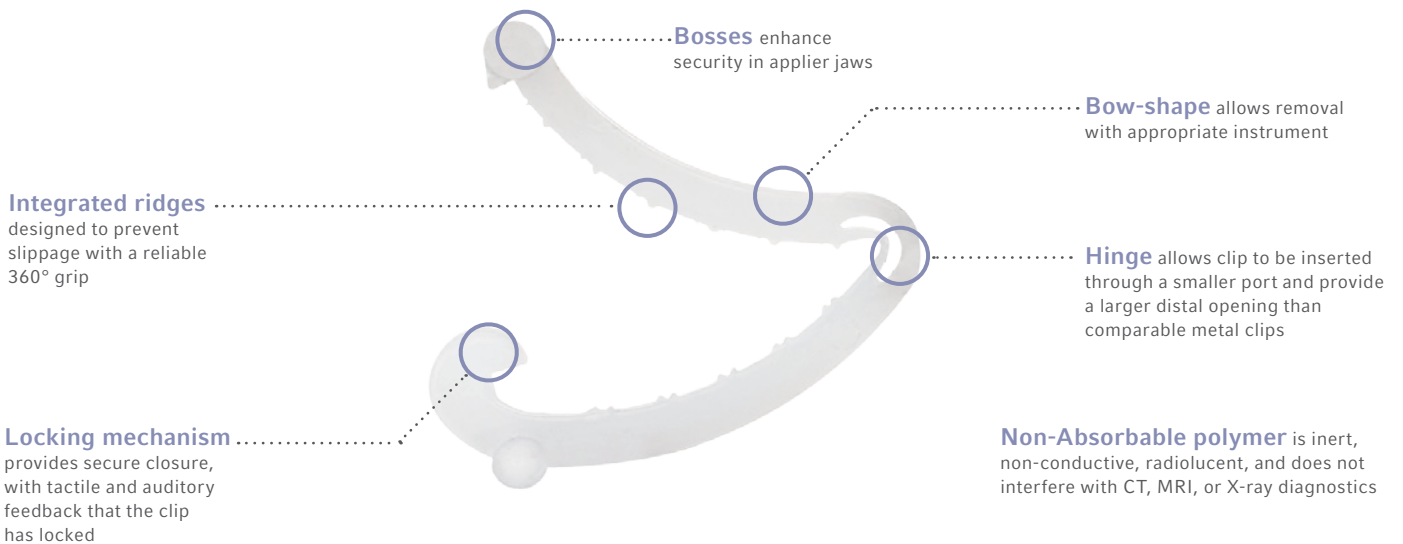
Cool ligation

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



*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.

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

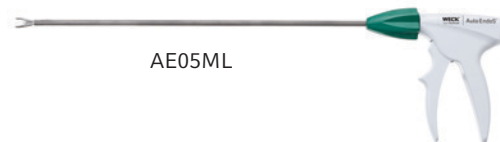


544995T

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

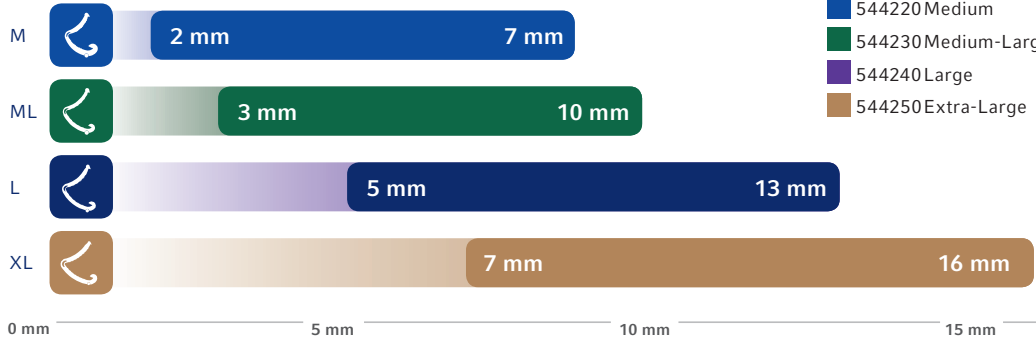


AE10LG

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

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.



MICROCLIP™



SMALL



MEDIUM



MEDIUM-LARGE



LARGE



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

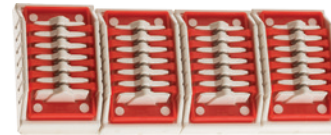


CLIP OPTIONS

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



002200



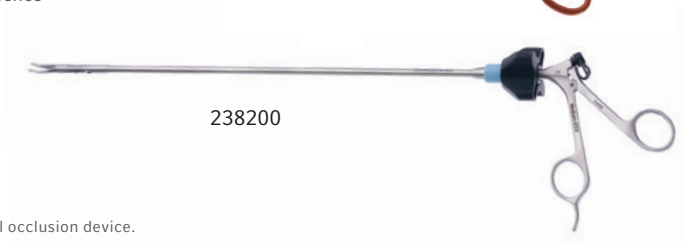
002205

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



137117



238200

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	CARTRIDGES/BOX	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



OPEN APPLIERS

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



Curved tip



Right angle tip



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® Hemoclip® Metal Ligation Systems

Classic metal clip ligation relied on by surgeons for years

ORDERING INFORMATION

Weck Hemoclip Traditional Clips and Applicators

■ Small ■ Medium ■ Medium/Large ■ Large

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

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**

ITEM CODE	CLIP SIZE	CLIPS/ CARTRIDGE	CARTRIDGES/ BOX	CLIPS/BOX
533735	Small w/tape	25	12	300
533737	Small	25	12	300
533835	Small w/tape	10	18	180
533837	Small	10	18	180
534735	Small Strongpoint w/tape	25	12	300
534737	Small Strongpoint	25	12	300
534835	Small Strongpoint w/tape	10	18	180
534837	Small Strongpoint	10	18	180
533700	Medium w/tape	25	10	250
533702	Medium	25	10	250
533800	Medium w/tape	10	18	180
533802	Medium	10	18	180
533860	Medium-Large w/tape	10	12	120
533862	Medium-Large	10	12	120
533870	Large w/tape	10	12	120
533872	Large	10	12	120

HEMOCLIP PLUS LIGATING CLIP APPLIERS

ITEM CODE	CLIP SIZE	APPLIER LENGTH	JAW TYPE
533140	Small	6" (15 cm)	Curved
533150	Small	8" (20 cm)	Curved
533151	Small	11" (28 cm)	Curved
533152	Small	8" (20 cm)	Right Angled
534140	Small Strongpoint	6" (15 cm)	Curved
534150	Small Strongpoint	8" (20 cm)	Curved
533105	Medium	8" (20 cm)	Right Angled
533106	Medium	11" (28 cm)	Right Angled
533108	Medium	11" (28 cm)	Angled
533109	Medium	6" (15 cm)	Curved
533110	Medium	8" (20 cm)	Curved
533111	Medium	11" (28 cm)	Curved
533164	Medium-Large	11" (28 cm)	Angled
533165	Medium-Large	8" (20 cm)	Curved
533166	Medium-Large	11" (28 cm)	Curved
533167	Medium-Large	8" (20 cm)	Right Angled
533168	Medium-Large	11" (28 cm)	Right Angled
114527	Medium-Large	13" (32 cm)	Endoscopic
533175	Large	8" (20 cm)	Curved
533177	Large	8" (20 cm)	Right Angled
533178	Large	11" (28 cm)	Right Angled
533180	Large	11" (28 cm)	Curved
533181	Large	11" (28 cm)	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)	

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.

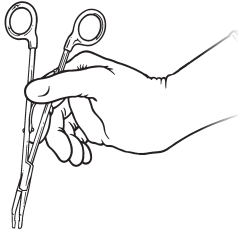
Weck® Clip Loading Methods

Manual applier technique

RING-HANDLED APPLIER GUIDELINES

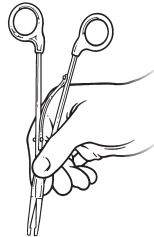
To prevent jaw applier damage or dropped clips, the user should avoid any grasp that can compress the two shanks of the applier during loading. Applier is held at an angle appropriate to sliding the jaws into the cartridge.

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

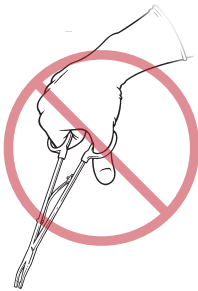
Box-lock is held between the thumb and side of index finger, with tips of index finger and other fingers supporting box-lock area for stability. The index finger is behind the box-lock, not beside it.



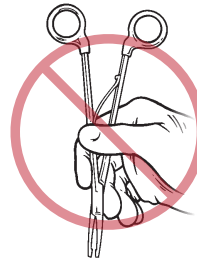
Method #3 Angled Appliers

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

What to Avoid



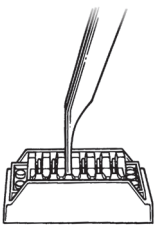
Grasping the applier at both rings tends to force applier tips together and “fights” the loading action. This may cause the applier to twist or rock, allowing jaw damage or misloaded clips.



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 | +1 919 433 4999 | 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

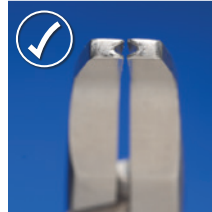
INSPECTION

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:

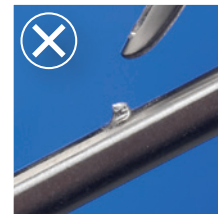
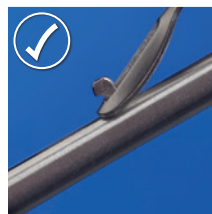
Spring:

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.

Corporate Office

Phone +1 610 225 6800, 550 E. Swedesford Road, Suite 400, Wayne, PA 19087, USA

Regional Offices

United States: Phone +1 919 544 8000, Toll Free +1 866 246 6990, cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

Latin America: Phone +1 919 433 4999, la.cs@teleflex.com, 3015 Carrington Mill Boulevard, Morrisville, NC 27560, USA

International: Phone +353 (0)9 06 46 08 00, orders.intl@teleflex.com, Teleflex Medical Europe Ltd., IDA Business and Technology Park, Dublin Road, Athlone, Co Westmeath, Ireland

Australia/New Zealand 1300 360 226

Austria +43 (0)1 402 47 72

Belgium +32 (0)2 333 24 60

Canada +1 (0) 905 943 9000

China (Shanghai) +86 (0)21 6163 0965

China (Beijing) +86 (0)10 6418 5699

Czech Republic +420 (0)495 759 111

France +33 (0)5 62 18 79 40

Germany +49 (0)7151 406 0

Greece +30 210 67 77 717

India +91 (0)44 2836 5040

Italy +39 0362 58 911

Japan +81 (0)3 6632 3600

Korea +82 2 536 7550

Mexico +52 55 5002 3500

Netherlands +31 (0)88 00 215 00

Portugal +351 22 541 90 85

Singapore +65 6439 3000

Slovak Republic +421 (0)3377 254 28

South Africa +27 (0)11 807 4887

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.

Teleflex, the Teleflex logo, Arrow, Deknatel, Endo5, Endo10, Hemoclip, Hem-o-lok, Horizon, Hudson RCI, LMA, MicroClip, Pilling, Rüschi and Weck are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries. All other trademarks or registered trademarks appearing herein are the property of their respective owners.

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 (09/2016). Subject to technical changes without further notice.

© 2016 Teleflex Incorporated. All rights reserved. MC-002140