

From Access to  
Closure with Confidence

## Laparoscopic Cholecystectomy A-B-C

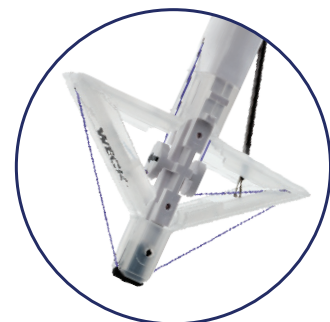
The Weck™ and MiniLap™ Portfolios empower surgeons to operate with confidence, reliability, and efficiency.



Access

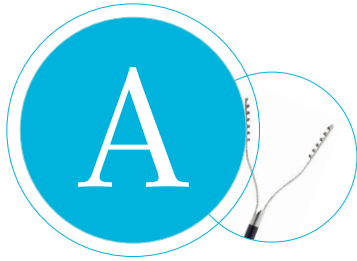


Better Ligation



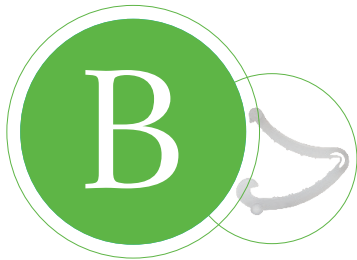
Closure

We will highlight 3 key products as well as other trusted options to suit your preference:



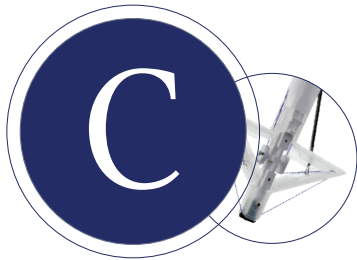
## access

Achieving less pain and trauma from access with MiniLap™ Percutaneous Solutions<sup>1</sup>



## better ligation

Better clip security with Weck™ Hem-o-Lok™ Ligation Systems<sup>2</sup>



## closure

Safe, secure, and consistent fascial closure with the Weck™ EFx Shield™ Device<sup>3</sup>

[View all Surgical Devices](https://www.myteleflex.com/teleflex-us/en/USD/)

<https://www.myteleflex.com/teleflex-us/en/USD/>

**FULL VIDEO**



# The MiniLap™ Percutaneous Surgical System

Designed to reduce trauma for your patients while giving you all the essential functionality needed for routine laparoscopic procedures.

The MiniLap™ System makes your minimally invasive procedures even less invasive.<sup>4</sup>

- With just a 2.4 mm shaft diameter, the MiniLap™ System can enter directly through the skin with an integrated needle tip, eliminating the need for an insertion trocar.<sup>5</sup>
- Multiple studies suggest that the MiniLap™ System can result in improved cosmesis compared to traditional laparoscopy using ports 5 mm or larger.<sup>6,9,10</sup>
- Multiple studies suggest that the MiniLap™ System can result in reduced post-operative incisional pain compared to traditional laparoscopy using ports greater or equal to 5 mm.<sup>6,9,10</sup>



# access

## Additional product options

### Trocars: A Complete Offering of Bladeless Laparoscopic Ports



#### Optical

- Clear visualization of tissue layers
- Securely grasps laparoscopes



#### Balloon/Cone

- Designed to maintain pneumoperitoneum
- Easy one-hand stabilizer mechanism



#### Bladeless/Ports

- Asymmetrical dilating tip
- Ridged or smooth cannulas

### If Diagnostics are needed



Taut™ Cholangiogram Catheters and Intraducer™ Needles



Arrow-Karlan™ Intraducer™ Laparoscopic Cholangiography Set with Karlan Balloon Catheter

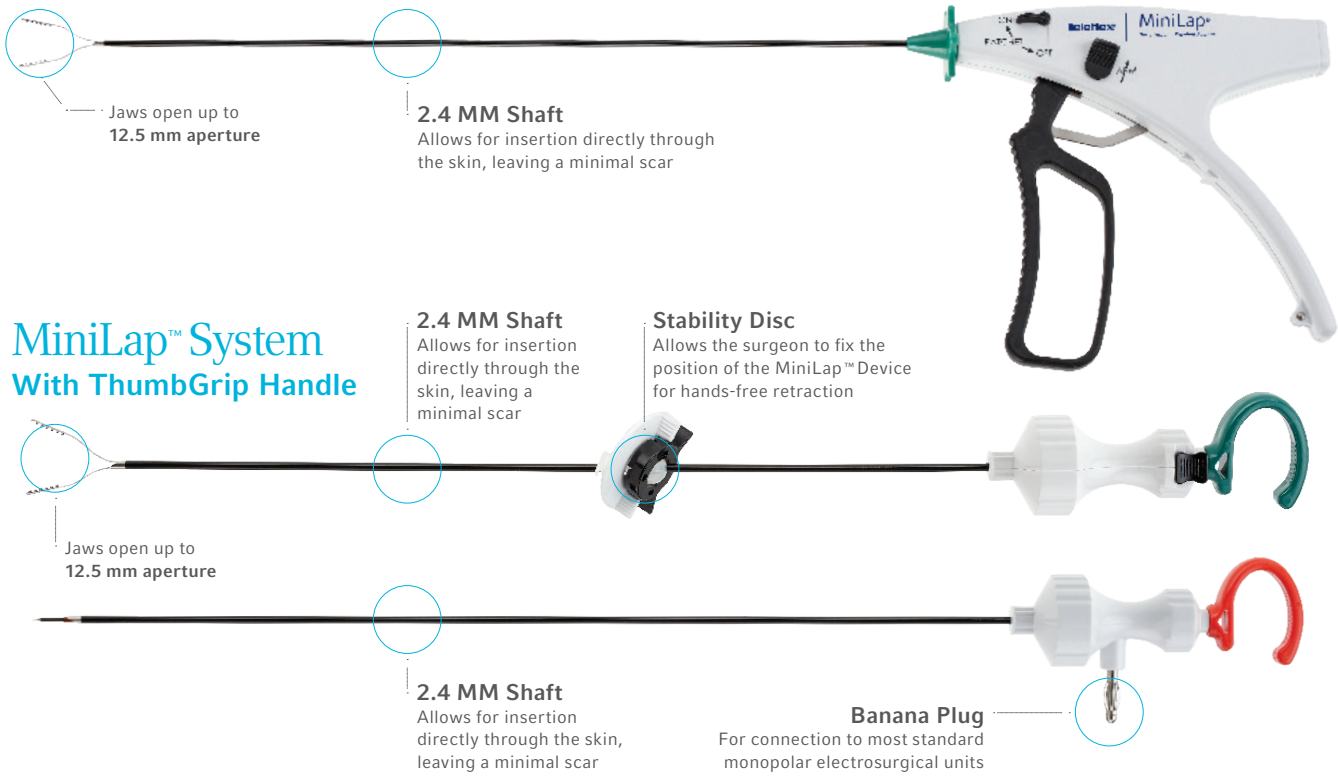


Arrow™ Percutaneous Laparoscopic Cholangiography Set with Karlan Balloon Catheter

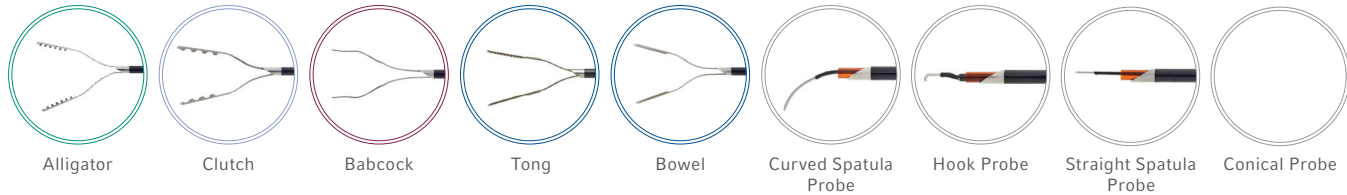


Arrow-Karlan™ Balloon Cholangiography Catheter

# Product Information



## MiniLap™ Tip Styles



# Order Information

## The MiniLap™ Percutaneous Surgical System

### MiniLap™ System with MiniGrip™ Handle

ITEM NUMBER	LENGTH	PRODUCT DESCRIPTION	UNIT PER BOX
PGAC300	30cm	Alligator Grasper	6
PGCC300	30cm	Clutch Grasper	6
PGBK300	30cm	Babcock Grasper	6
PGBC300	30cm	Tong Grasper	6

### MiniLap™ System with ThumbGrip Handle

ITEM NUMBER	LENGTH	PRODUCT DESCRIPTION	UNIT PER BOX
GBC250	25cm	Alligator Grasper	6
CLC250	25cm	Clutch Grasper	6
BCK250	30cm	Babcock Grasper	6
BLC250	25cm	Bowel Grasper	6
ECMC300	30cm	Curved Spatula Probe	6
ECMS300	30cm	Straight Spatula Probe	6
ECMH300	30cm	Hook Probe	6
ECMP300	30cm	Conical Probe	6

View this product on [MyTeleflex.com](https://www.myteleflex.com)

Link to [https://www.myteleflex.com/teleflex-us/en/USD/Surgical-Devices/Percutaneous-Access/c/su\\_percutaneous-access](https://www.myteleflex.com/teleflex-us/en/USD/Surgical-Devices/Percutaneous-Access/c/su_percutaneous-access)

VIDEO A



# Weck™ Hem-o-lok™ Polymer Ligation System

Featuring a first-of-its-kind locking mechanism and distinct tactile feedback, the Hem-o-lok™ System gives surgeons the confidence of knowing they've locked securely on the patient vessel.<sup>2</sup>

### Designed for confidence

- Hem-o-lok™ Polymer Ligation System is a more secure ligation modality than automatic metal clip appliers systems.<sup>2</sup>
- The Weck™ Hem-o-lok™ Ligating Clips provided unparalleled security in axial and lateral pull off tests and in pressure tests.<sup>2</sup>
- The Weck™ Hem-o-lok™ Ligating Clips demonstrated greater clip retention and greater leak resistance than all the other tested clips.<sup>2</sup>



# better ligation

### Locking Clips Saves Money.<sup>8</sup>

When comparing the Weck™ Hem-o-lok™ Ligation System to internal staplers or automatic metal ligation devices, the cost savings per procedure can be significant.<sup>8</sup>

	UNITS PER PROCEDURE	2022 ESTIMATED COST PER PROCEDURE
Weck™ Hem-o-lok™ Polymer Ligation System	1-2	\$30-\$60
Automatic Metal Clip Appliers	1	\$130
Internal Stapling Devices	1-2	\$400-\$600



**MILLIONS**  
of patients worldwide



**80+**  
peer-reviewed articles in support  
of Weck™ Hem-o-lok™ Clips\*\*



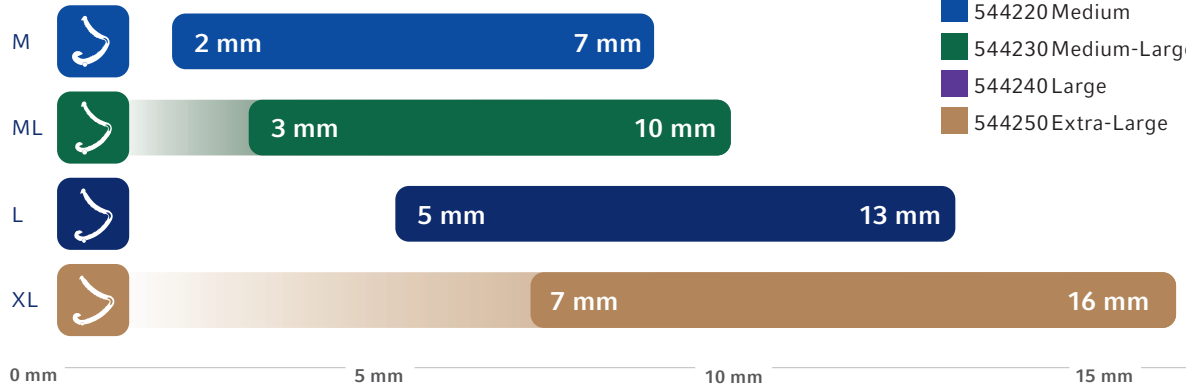
**10+**  
years collaborating with the  
da Vinci™ Surgical System



**Weck™ 360**  
education, training, and more  
ligation resources

# Product Information

## 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 Vessel/Tissue Bundle Size Range and Ordering Information

CLIPS	OPEN MANUAL LOAD APPLIERS/REMOVERS	ENDOSCOPIC MANUAL LOAD APPLIERS/REMOVERS	AUTOMATIC APPLIERS
 <b>M</b> 2 mm – 7 mm 544220 Hem-o-lok™ Medium Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544113 20 cm curved 544115 27 cm curved 544114 27 cm right-angle (70°) 544123 27 cm remover (for M, ML, L)	544945T 33 cm applier TAP 544121T 33 cm remover TAP (for M, ML) 544121L 45 cm remover long (for M, ML)	
 <b>ML</b> 3 mm – 10 mm 544230 Hem-o-lok™ Medium-Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544170 20 cm curved 544171 27 cm curved 544172 27 cm right-angle (70°) 544123 27 cm remover (for M, ML, L)	544965T 33 cm applier TAP 544965T20 33 cm applier TAP 20° 544965L 45 cm applier long 544121T 33 cm remover, TAP (for M and ML) 544121L 45 cm remover long (for M and ML)	544965T Weck® Auto Endo5® 5 mm automatic endoscopic 35 cm clip applier  544121 Weck® Hem-o-lok® reusable endoscopic clip remover
 <b>L</b> 5 mm – 13 mm 544240 Hem-o-lok™ Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544180 20 cm curved 544182 25 cm right-angle (70°), narrow shaft 544181 27 cm curved 544179 27 cm right-angle (70°) 544123 27 cm remover (for M, ML, L) 544124 27 cm remover (for L, XL)	544995T 33 cm, 10 mm, applier TAP 544995T20 33 cm, 10 mm, applier TAP 20° 544995L 45 cm, 10 mm applier long 544130T 33 cm, 10 mm remover TAP (for L and XL) 544130T20 33 cm, 10 mm remover TAP 20° (for L and XL) 544130L 45 cm, 10 mm remover long (for L and XL)	
 <b>XL</b> 7 mm – 16 mm 544250 Hem-o-lok™ Extra-Large Polymer Clips 6 clips/cartridge 14 cartridges per box, sterile	544191 27 cm curved 544192 27 cm right-angle (70°) 544124 27 cm remover (for L, XL)	544990T 33 cm applier TAP 544990T20 33 cm applier TAP 20° 544990L 45 cm applier long 544130T 33 cm remover TAP (for L and XL) 544130T20 33 cm remover TAP 20° (for L and XL) 544130L 45 cm remover long (for L and XL)	

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.

View this product on [MyTeleflex.com](https://myteleflex.com)

Link to [https://myteleflex.com/teleflex-us/en/USD/Surgical-Devices/Ligation/cs\\_ligation](https://myteleflex.com/teleflex-us/en/USD/Surgical-Devices/Ligation/cs_ligation)

VIDEO B



## Weck™ EFX Shield™ Fascial Closure System

Designed to help minimize complications and cost associated with post-operative port-site herniation by providing reproducible, uniform closure that delivers confidence and control.<sup>7</sup>

### Designed for safety and security

The system's unique wing shields protect internal organs from being exposed to a sharp, reducing risk of bowel perforation.<sup>7</sup>

The Weck™ EFX Shield™ System is designed to prevent sharps stick injuries to patients and those using the device during fascial closure.<sup>7</sup> Since the first clinical use of the Weck™ EFX Shield™ Device in 2015, there have been zero reported sharps' injuries using the device.



# closure

## The Weck™ Visistat™ Skin Stapler

### Strength and control

The Weck™ Visistat™ Skin Stapler from Teleflex meets the surgeon's need for an easy-to-use instrument with quality performance for external skin closure.

Each disposable Weck™ Visistat™ Skin Stapler is loaded with 35 regular or wide medical grade stainless steel staples that can be used in a range of surgical procedures. The precision instrument features a see-through window for visibility and a non-stop feed mechanism for easy release.





Weck™ EFx Shield™  
Fascial Closure System



Weck™ EFx Classic™  
Device and EFx Classic™  
Suture Passer



Weck EFx™  
Suture Passer



# Ordering Information

## Weck™ EFx Shield™ Fascial Closure System

ITEM NO.	DESCRIPTION	QTY
EFX002	Weck EFx Shield Fascial Closure System	5/box
EFXCT1	Weck EFx Classic Fascial Closure System	5/box
EFXSP1	Weck EFx Classic Suture Passer	5/box
EFXSP2	Weck EFx Suture Passer	10/box
P47482	Pilling Berci Suture Passer	1/ea

View this product on MyTeleflex.com

Link to [https://myteleflex.com/teleflex-us/en/USD/Surgical-Devices/-Fascial-Closure/c/su\\_fascial-closure](https://myteleflex.com/teleflex-us/en/USD/Surgical-Devices/-Fascial-Closure/c/su_fascial-closure)

VIDEO C



## References:

1. Dan AG, et al. Two-trocar cholecystectomy by strategic laparoscopy for improved cosmesis (SLIC). *JSLs*. 2013;17(4):578-584.
2. Data on file (2013 internal study), Teleflex™ Incorporated, Report #D001591. Clinical performance cannot be extrapolated from the data. Testing pressures range beyond physiological pressures. The Weck™ Hemo-lok™ medium/large clip was compared to Ethicon™ LIGAMAX5™, Ethicon™ 10 mm LIGACLIP™, and Covidien™ Endo Clip™ III. The Weck™ Hem-o-lok™ large clip was compared to Ethicon™ 12mm LIGACLIP™ and Covidien™ Endo Clip™.
3. Source: Teleflex™ Incorporated, D009494 Usability and Design Validation Report – EFX Shield; Pg 2-3, Table 1, Number 1, 5
4. Source: Teleflex™ Incorporated. Trocar Defect Volume Study (TRQ-00003429). 2016. Bench test results may not be indicative of clinical performance. Defect volumes calculated based on cylindrical volume of -r2h and abdominal wall height of 31.85 mm (de Carvalho and Cavazzola, 2011).
5. Source: Teleflex™ Incorporated, TR-0001; Pg 25, Tables 7.5, 7.6, 7.9 Lacey 2078; Pg 5, Item 1
6. Justo-Janeiro JM, de la Rosa PR, Prado OE, et al. Effectiveness and Safety of Minilaparoscopic Cholecystectomy. *Japanese Journal 2 of Gastroenterology and Hepatology*. JGH-v2-1031.pdf (jgastrohepto.org). 2019;1(7):1-6
7. Source: Teleflex™ Incorporated, D009494 Usability and Design Validation Report – EFX Shield; Pg 2,4, Table 1, Number 1,12
8. Data on File, Teleflex™ Incorporated, Automatic Open Clip Applier Savings Calculator; Pg 1, col G
9. Boza A, Urman B, Vatansever D et al. Mini-Laparoscopic Gynecological Surgery Using Smaller Ports Minimizes Incisional Pain and Postoperative Scar Size: A Paired Sample Analysis. <https://pubmed.ncbi.nlm.nih.gov/32501743>. Published 2020.
10. Nomura H, Okuda K, Saito N et al. Mini-laparoscopic surgery versus conventional laparoscopic surgery for patients with endometriosis. *Gynecol Minim Invasive Ther*. 2013;2(3):85-88. doi:10.1016/j.gmit.2013.05.004

\*\*Supporting documentation for the 80+ peer reviewed articles based on a tertiary clinical literature search performed 11/2014. 89 peer-reviewed articles were accepted according to Inclusion/Exclusion criteria, of which 80% (71 articles) showed favorable outcomes in support of Hem-o-lok Clips. Data on file, Teleflex Incorporated, Report MC-006546.

2023 Ligation Safety Data Report, Data on file, Teleflex Incorporated, Report RS-002567.

da Vinci is a registered trademark of Intuitive Surgical Operations Inc.

Teleflex, the Teleflex logo, Arrow, Arrow-Karlan, EFX Classic, EFX Shield, Hem-o-lok, MemoBag, MiniGrip, MiniLap, Pilling, Taut, Vista, Visistat, Weck, and Weck EFX are trademarks or registered trademarks of Teleflex Incorporated or its affiliates in the U.S. and/or other countries.

This pamphlet is provided for clinical education purposes and is not intended to be a substitute for sound clinical judgment or decision making, or professional experience relative to diagnostic and treatment options of a specific patient's medical condition. Refer to package inserts provided with each specific product for complete warnings, indications, contraindications, precautions, potential complications, and instructions for use. Not all products may be available in all countries. Please contact your local representative. Revised: 07/2023.

© 2023 Teleflex Incorporated. All rights reserved.

MC-00891 Rev.0