

ORDERING INFORMATION

TITANIUM LIGATING CLIPS

Product Number	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

OPEN SURGICAL LIGATING APPLIERS

Product Number	Applier Length	Clip Size	Jaw Type*
□ 537061	6" (15cm)	Microclip	Curved
□ 537081	8" (20cm)	Microclip	Curved
■ 137061	6" (15cm)	Small	Curved
■ 137081	8" (20cm)	Small	Curved
■ 137085	8" (20cm)	Small	Angled
■ 137111	11" (28cm)	Small	Curved
■ 137062	6" (15cm)	Small-Wide	Curved
■ 137082	8" (20cm)	Small-Wide	Curved
■ 137086	8" (20cm)	Small-Wide	Angled
■ 137112	11" (28cm)	Small-Wide	Curved
■ 237061	6" (15cm)	Medium	Curved
■ 237081	8" (20cm)	Medium	Curved
■ 237085	8" (20cm)	Medium	Angled
■ 237111	11" (28cm)	Medium	Curved
■ 237115	11" (28cm)	Medium	Angled
■ 237117	11" (28cm)	Medium	Right-Angled
■ 337081	8" (20cm)	Medium-Large	Curved
■ 337085	8" (20cm)	Medium-Large	Angled
■ 337111	11" (28cm)	Medium-Large	Curved
■ 337115	11" (28cm)	Medium-Large	Angled
■ 437081	8" (20cm)	Large	Curved
■ 437085	8" (20cm)	Large	Angled
■ 437111	11" (28cm)	Large	Curved
■ 437115	11" (28cm)	Large	Angled
■ 437117	11" (28cm)	Large	Right-Angled

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

ENDOSCOPIC LIGATING APPLIERS

Product Number	Applier Length	Diameter	Clip Size	Jaw Type
238110	11" (28cm)	10mm	Medium	Endoscopic
238200	13" (32cm)	5mm Shaft, 7mm Jaw	Medium	Endosaphenous
338110	11" (28cm)	10mm	Medium-Large	Endoscopic
438110	11" (28cm)	12mm	Large	Endoscopic

SPECIALTY OPEN SURGICAL LIGATING APPLIERS

Product Number	Applier Length	Clip Size	Style	Jaw Type
137117	11" (28cm)	Small-Wide	Multi-Angled	45° Angled
137118	11" (28cm)	Small-Wide	Multi-Angled	Curved

□ Micro ■ Small ■ Small/Wide ■ Medium ■ Medium/Large ■ Large

All Horizon™ ligating clips are packaged sterile. Ligating clip systems differ in their clip-closure characteristics. It is the responsibility of the user to confirm security of clips on vessels or other tissue. Not intended for contraceptive tubal occlusion.

Protected by U.S. Patents 4936447, 4973949, and 5026382.

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Microclip™

Horizon's newest family member.



For safe ligation of small vessels or structures.



Cross-sectional view of clip with applicator jaws properly aligned (above) and misaligned (below).



THE HORIZON SYSTEM: DESIGNED TO MEET YOUR NEEDS



Horizon is designed to meet the needs of surgeons, nurses, and other operating room personnel.

THE CLIP: FUNCTIONAL EXCELLENCE

- The chevron shape of the Horizon clip engulfs tissue with precise tip-to-tip closure.
- Heart-shaped wire is designed to give each clip a firm grip on vessels.
- Transverse grooves make the clip resistant to slipping across the vessel.



- The internal groove of the Horizon clip is sized to reduce clip scissoring.
- The triangulated cross-section of the Horizon clip leg maximizes surface-to-surface contact of clip and applicator jaw, practically eliminating clip fallout.

THE CARTRIDGE: EASY LOADS WITH ADHESIVE CONVENIENCE

- The Horizon clip cartridge can provide incredibly easy and precise loading that can enhance surgical procedure efficiency.
- Lateral clip-restraining springs in the Horizon cartridge are displaced by applicator jaws during clip loading.
- Spring displacement frees the clip for a nearly frictionless one-hand load from the cartridge.
- Clips are centered in the cartridge slots for precise loads.



- Clip cartridges are color-coded to match applicators.
- Both 6- and 24-clip cartridges are available.
- Special adhesive backing on the Horizon cartridge allows the user to conveniently relocate the site of clip loading — cartridges affix to any sterile area.



THE APPLIERS: PERFORMANCE AND CLEANING ACCESSIBILITY

- The Horizon endoscopic applicator provides clip closure designed to give surgeons solid tactile feedback.
- The large, lightweight rotation knob allows for one-finger, 360° rotation of the applicator shaft.
- Horizon endoscopic applicators are available for Medium, Medium-Large, and Large Horizon clips, and feature flush ports for thorough cleaning.
- The reusable applicators are designed specifically for use with Horizon ligating clips, creating a dramatic cost savings when compared to disposable automatic-feed clip applicators.
- All Horizon open surgical ring-handled applicators open at the box lock for easy, thorough cleaning.
- Open surgical applicators are available with angled, curved, or right-angled jaws.

Specialty Multi-Angle Applicators

The Horizon 11" Multi-Angle Access Applicator for small (wide slot) clip cartridges incorporates 45° angled jaw, or a curved jaw, for an optimal angle of access to the surgical target.



Specialty Endosaphenous Endoscopic Applicators

The Horizon ESV Applicator incorporates a 5mm shaft diameter (7mm jaw) with an angled jaw for ligation of vein branches.

