

ENDO GIA™ Universal

Key Features	Key Benefits
60mm Articulating loading units	Allows the surgeon to maintain similar stapling techniques as open surgery by using 60mm staple lines
Universal Handle for all loading units	Helps reduce procedure costs; surgeons may not need a second instrument in a procedure
Six rows of staples with all sizes	Staple line security
New sharp and sterile knife with each reload 1.3, 2.3, 3.3, 4.3 ir 5.3 Kiekvienoje naujoje kasetėje integruotas peilis.	Never dull from cutting through staple lines, and no risk of cross contamination
4.8 mm staples	Hemostasis in thick tissue
Tissue Gap Control	Ensures precise staple formation along the entire staple line

Innovative Elements and Improved Features— Endo GIA™ Reloads with Tri-Staple™ Technology

3. VARIED-HEIGHT STAPLES

- Facilitates use over a broader range of tissue thicknesses
- Improves burst pressure due to reduced tissue compression stress on outer staple row compared with Endo GIA™ Universal reloads (per results from bench testing)
- Provides tighter staple closure on inner staple row closest to the cut line

1.5 p., 1.6 p., 2.5 p. atidarytų ir uždarytų kabučių aukštis

Endo GIA™ Reloads with Tri-Staple™ Technology Open and Closed Staple Heights and Wire Diameter

Vascular/Medium Tan Reloads	OPEN	2.0mm (.079")	2.5mm (.098")	3.0mm (.118")
	CLOSED	0.75mm (.030")	1.0mm (.039")	1.25mm (.049")
	BACKSPAN	3.0mm (.118")	3.0mm (.118")	3.0mm (.118")
	WIRE DIAMETER	0.22mm (.0085")	0.22mm (.0085")	0.22mm (.0085")
Medium/Thick Purple Reloads	OPEN	3.0mm (.118")	3.5mm (.138")	4.0mm (.157")
	CLOSED	1.25mm (.049")	1.5mm (.059")	1.75mm (.069")
	BACKSPAN	3.0mm (.118")	3.0mm (.118")	3.0mm (.118")
	WIRE DIAMETER	0.22mm (.0085")	0.22mm (.0085")	0.24mm (.0094")
Extra-Thick Black Reloads	OPEN	4.0mm (.157")	4.5mm (.177")	5.0mm (.197")
	CLOSED	1.75mm (.069")	2.0mm (.079")	2.25mm (.089")
	BACKSPAN	3.0mm (.118")	3.0mm (.118")	3.0mm (.118")
	WIRE DIAMETER	0.24mm (.0094")	0.24mm (.0095")	0.24mm (.0095")

4.5, 5.5 atidarytų
kabučių aukštis

Features and Benefits

Endo GIA™ Reloads with Tri-Staple™ Technology

Feature	Attribute	Benefit
Tri-Staple™ Technology	Varied-height staples (two triple-staggered, height-progressive rows of titanium staples)	<ul style="list-style-type: none"> Improved burst-pressure strength (per results from bench testing) Reduced tissue compression on outer staple row compared with Endo GIA™ Universal reloads Hemostatic inner staple row complements the robust outer staple row
Advanced Tissue Compression	Stepped cartridge face	<ul style="list-style-type: none"> Intended to be used over a broader range of tissue thicknesses Reduced force required to compress tissue to desired thickness Facilitates lateral diffusion of tissue fluids during clamping and firing
Stronger and Slimmer Fixed Anvil	Stronger fixed anvil made of heavier-gauge material, continuously welded	<ul style="list-style-type: none"> Improved maneuverability of stapler around target tissue Enhanced clamping force Improved tissue retention during manipulation and transection
Altered End of Staple Row Configuration	Four staples at the distal end of the cartridge	<ul style="list-style-type: none"> Increased staple-line security on partially transected tissues
New Knife Blade and Anvil with Each Reload	Reload comprises a complete assembly of a cartridge, anvil and knife bar	<ul style="list-style-type: none"> Ensures sharp blade for each transection, minimizing tissue tearing Eliminates impact of anvil bucket wear
Stronger Knife Blade	Higher tensile strength and a stronger I-beam profile of the knife blade	<ul style="list-style-type: none"> Smooth tissue transection in challenging thick tissue applications
Larger Anvil Buckets	"Dog bone" structure is similar to the anvil buckets used in DST Series™ staplers	<ul style="list-style-type: none"> Facilitates formation of consistent B-shaped staples to provide optimal staple-line security

1.4, 2.4, 4.4, 5.4 pirkimo dalis

4 kabutės distalinėje dalyje

STAPLING SOLUTIONS

Product Reference

Endo GIA™ Ultra Universal Handle

MEDTRONIC				ETHICON	
Length	Device	Reorder Code	Reloads	EES Length	EES Product Code
Short		EGIAUSHORT	25	Short	SC45A & SC60A
Standard		EGIAUSTND	25	Standard	EC45A & EC60A
XL		EGIAUXL	25	XL	EC45AL & Long60A

Signia™ Stapling System

MEDTRONIC				ETHICON	
Length	Device	Reorder Code	# Procedures	EES Length	EES Product Code
—		SIGPHANDLE	300	—	—
Short		SIGADAPTHORT	50	Short	PCEE45A & PCEE60A
Standard		SIGADAPTSTND	50	Standard	PSEE45A & PSEE60A
Long		SIGADAPTXL	50	XL	PLEE45A & PLEE60A

Endo GIA™ Reloads with Tri-Staple™ Technology

MEDTRONIC	Kasetės ilgis	Prekės kodas	Kabučių aukštis	Audinio tipas	ETHICON		
Standard Reload Length	Device	Reorder Code	Color Code	Staple Heights	Tissue Type	EES Product Code	EES Reload Color
30 mm		SIG30AV [†]	Gray	2 mm, 2 mm, 2 mm	Vascular	—	—
		SIG30AVM	Tan	2 mm, 2.5 mm, 3 mm	Vascular/Medium	—	—
		SIG30AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	—	—
45 mm		EGIA45AV [†]	Gray	2 mm, 2 mm, 2 mm	Vascular	ECR45M	Gray
		EGIA45AVM	Tan	2 mm, 2.5 mm, 3 mm	Vascular/Medium	ECR45W	White
		EGIA45AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	ECR45B	Blue
		EGIA45AMT	Purple	4 mm, 4.5 mm, 5.0 mm	Medium/Thick	ECR45D	Gold
		EGIA45AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	ECR45G	Green
60 mm		SIG45AXT	Black	4 mm, 4.5 mm, 5 mm	Extra-Thick	—	—
		EGIA60AVM	Tan	2 mm, 2.5 mm, 3 mm	Vascular/Medium	GST60W/ECR60W	White
		EGIA60AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	GST60B/ECR60B	Blue
		EGIA60AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	GST60D/ECR60D	Gold
		EGIA60AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	GST60G/ECR60G	Green
		SIG60AXT	Black	4 mm, 4.5 mm, 5 mm	Extra-Thick	GST60T/ECR60T	Black
Curved Tip Reload Length	Device	Reorder Code	Color Code	Staple Heights	Tissue Type	EES Product Code	EES Reload Color
30 mm		SIG30CTAV [†]	Gray	2 mm, 2 mm, 2 mm	Vascular	—	—
		SIG30CTAVM	Tan	2 mm, 2.5 mm, 3 mm	Vascular/Medium	VASECR35/PVE35A	White
45 mm		SIG45CTAV [†]	Gray	2 mm, 2 mm, 2 mm	Vascular	—	—
		SIG45CTAVM	Tan	2 mm, 2.5 mm, 3 mm	Vascular/Medium	—	—
		SIG45CTAMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	—	—
60 mm		SIG60CTAVM	Tan	2 mm, 2.5 mm, 3 mm	Vascular/Medium	—	—
		SIG60CTAMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	—	—
Radial Reload	Device	Reorder Code	Color Code	Staple Heights	Tissue Type	EES Product Code	EES Reload Color
		SIGRADMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	CS40B/CS40G	Blue/Green
		SIGRADXT	Black	4 mm, 4.5 mm, 5 mm	Extra-Thick	—	—
Reinforced Reload	Device	Reorder Code	Color Code	Staple Heights	Tissue Type	EES Product Code	EES Reload Color
45 mm		SIGTRSB45AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	—	—
		SIGTRSB45AXT	Black	4 mm, 4.5 mm, 5 mm	Extra-Thick	—	—
60 mm		SIGTRSB60AMT	Purple	3 mm, 3.5 mm, 4 mm	Medium/Thick	—	—
		SIGTRSB60AXT	Black	4 mm, 4.5 mm, 5 mm	Extra-Thick	—	—

1.1 pirkimo dalis

2.1 ir 4.1 pirkimo dalis

5.1 pirkimo dalis

[†]While offering a slimmer fixed anvil, reloads is a vascular reload that does not come with Tri-Staple™ technology.

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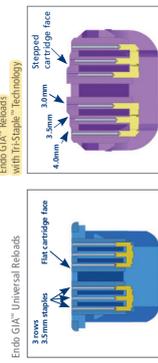
Tri-Staple™ Technology

Covidien's Tri-Staple™ Technology provides Endo GIA™ Reloads with outstanding performance across a broader range of tissues and applications, thereby simplifying the cartridge selection process.

- 1 Outstanding Staple Performance
- 2 Outstanding Tissue Compression and Control
- 3 Broader Range of Tissues
- 4 Broader Range of Applications
- 5 Simplified Cartridge Selection

Tri-Staple™ Technology incorporates a patented stepped cartridge face and three staple heights in one reload.

CARTRIDGE CROSS SECTIONS

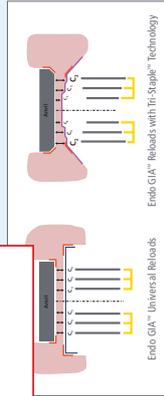


1 OUTSTANDING STAPLE PERFORMANCE

- **Consistent hemostatic performance** across a broader indicated tissue range
- **Variable Tissue Compression:** Stepped cartridge face applies increasing compression toward the cut line, enabling the optimal tissue thickness for each staple height
- **Increased Burst Pressure:** In vitro and in vivo testing results show improved burst-pressure strength with the Endo GIA™ Reloads with Tri-Staple™ Technology as compared to previous Endo GIA™ Reloads

1.5, 2.5, 4.5, 5.5 p. Į abi puses nuo peilio išdėstyta po tris eiles skirtingo aukščio kabučiai

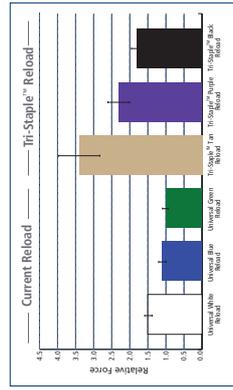
PROFILE



Kasetėje integruotas peilis, Kasetėje 6 eilės kabučiai

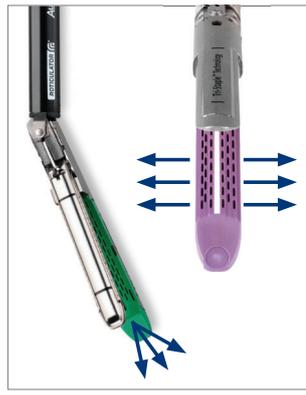
2 OUTSTANDING TISSUE COMPRESSION AND CONTROL

- **Higher Clamping Force:** Endo GIA™ Reloads with Tri-Staple™ Technology apply optimal tissue compression



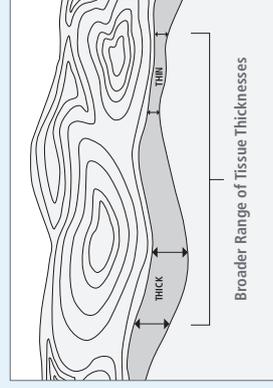
Relative amount of force applied during clamping for 60mm staplers with 2 pads of red foam being normalized for Universal™ green (n=5)

- **Reduced Distal Extrusion:** The increased compression and stepped cartridge face facilitate the lateral diffusion of tissue and minimize the distal extrusion of tissue

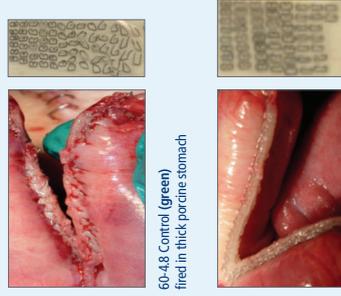


3 BROADER RANGE OF TISSUES

The increased compression, stepped cartridge face and three staple heights allow for optimal staple formation over a broader and variable range of tissue thicknesses.



STAPLE FORMATION IN THICK/VARIABLE TISSUE



For more information or to set up a product demonstration, contact your local Covidien Surgical Device Representative or call Customer Service at 1-800-722-8772.

IMPORTANT
Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

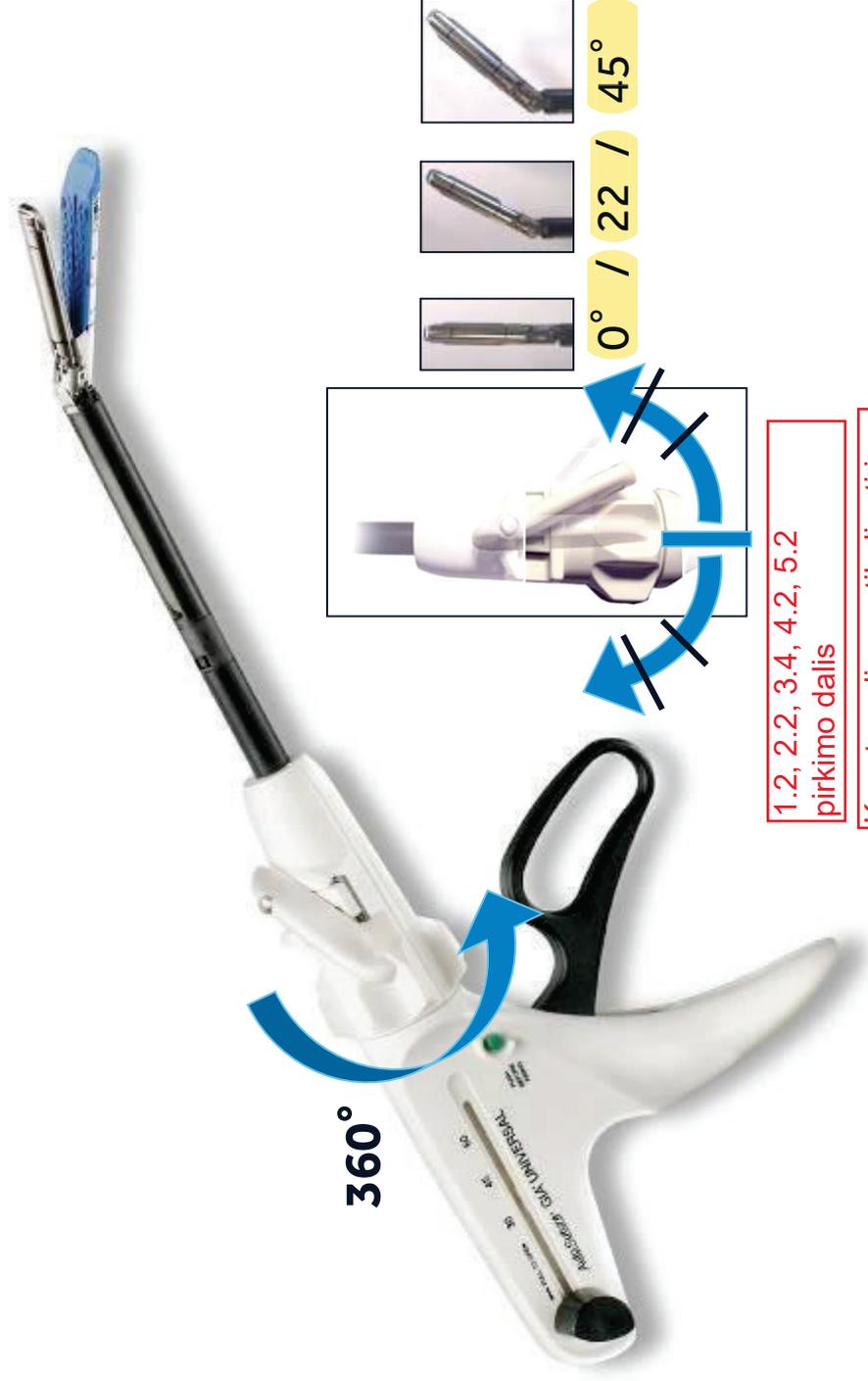


555 LONG WHARF DRIVE
NEW HAVEN, CT
06511

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ENDO GIA™ Universal



360°

0° / 22° / 45°

1.2, 2.2, 3.4, 4.2, 5.2
pirkimo dalis

Kasetę galima artikuliuoti į
abi puses iki 45° kampo.