

**Liga<sup>2</sup>®**  
**Titanium Ligating Clips**



**TITANIUM**

**Reliable Ligation**

## Ligating Clips

### *LigaV*<sup>®</sup>

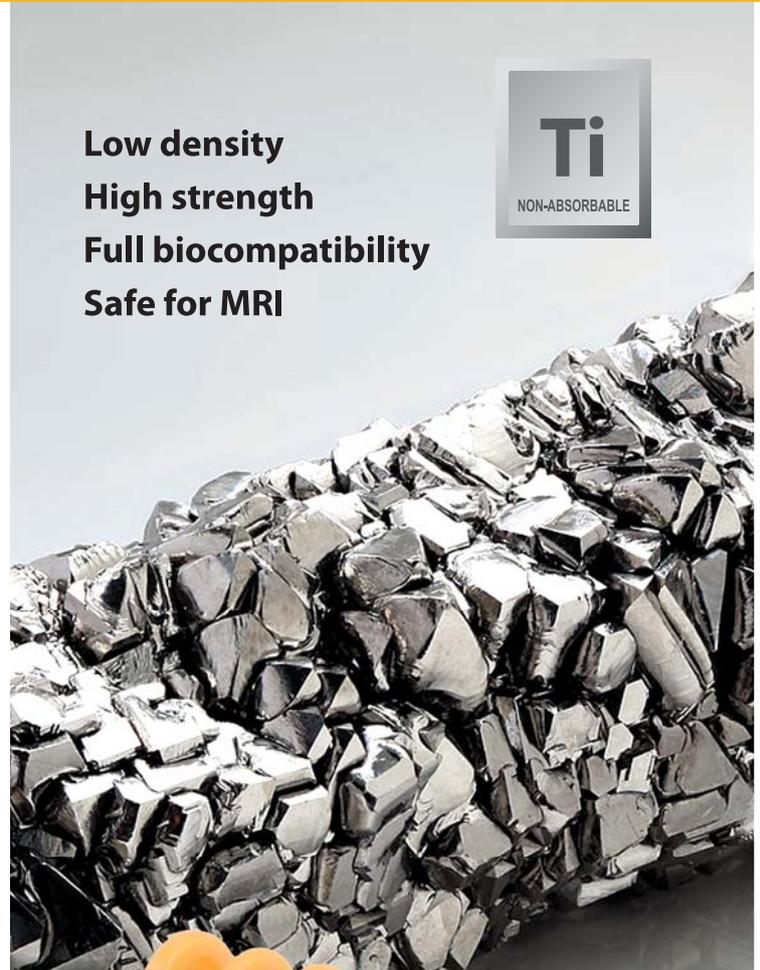
LigaV<sup>®</sup> Ligating clips are implantable medical devices. They are widely used in surgery for marking and ligating purposes. Medical practitioners value the product for its hemostatic features.

LigaV<sup>®</sup> manufactured by Grena Ltd., comes with inner and outer serration which enhances its function. The outer serration helps to grip the clip in the applicator's jaws; the inner serration enables its proper nourishment.

The product is offered in 4 standard sizes ensuring every user will be able to find appropriate clip for the given tissue. The LigaV<sup>®</sup> clips are delivered in colour coded cartridges to ensure easy and intuitive identification. A cartridge includes 4 or 6 clips that ensure economical and comfortable use. The product is disposable, sterilised with EO.

Clip applicators with proper sized jaws depending on the clip should be used. Clip applicators are made of highest quality surgical grade steel. Handle rings are color coded matching cartridge hue.

**Low density**  
**High strength**  
**Full biocompatibility**  
**Safe for MRI**



## Ligating Clips

### *Liga<sup>2</sup>*®

The LigaV® ligating clips are manufactured of a medical grade titanium which ensures proper level of biocompatibility. The applied technology guarantees the product meets the requirements of even the most demanding clinical institutes.



# TITANIUM

# Ligating Clips

## Ligating Clips

**Cost-effective alternative  
for simple procedures**



4 clips per cartridge

### Key features

- 4 sizes to ligate tissue structures,
- made of apyrogenic titanium,
- easy loading system,
- clips delivered in color-coded cartridges for easy identification,
- 4 or 6 clips per cartridge to ensure economical and comfortable use of the product,
- V-shaped,
- color-coded applicator rings for easy identification



REF	Clip size	Compatible with applicators (jaws grip) (mm)	Product specification	Colour	Pcs per cartridge	Pcs cartridges per box
0301-01S	Small	0,59-0,75	V-shaped titanium ligating clips		6	50
0301-01M	Medium	0,84-1,00			6	50
0301-01ML	Medium-Large	1,16-1,32			6	20
0301-01ML04	Medium-Large	1,16-1,32			4	20
0301-01L	Large	1,26-1,42			6	20

## Open Surgery Clip Appliers

-  S
-  M
-  ML
-  L



Open Surgery Clip Appliers

**Ergonomic and effective approach  
in endoscopic procedures**

# Open Surgery Clip Appliers

## Open Surgery Clip Appliers

### Key features

- available for Small, Medium, Medium-Large and Large non-absorbable LigaV® clips to be used on large spectrum of tissue sizes,
- 15cm, 20cm and 28cm clip,
- non-detachable design for easier maintenance and durability, appliers with proper sized jaws made of high quality stainless steel,
- colour-coded rings matching cartridge hue,
- compatible with corresponding sizes of LigaV® titanium non-absorbable clips.



REF	Clip size	Applier length	Pcs per box
0301-02S15*	Small	15	1
0301-02S20	Small	20	1
0301-02S28*	Small	28	1
0301-02M15*	Medium	15	1
0301-02M20	Medium	20	1
0301-02M28*	Medium	28	1
0301-02ML20	Medium-Large	20	1
0301-02ML28	Medium-Large	28	1
0301-02L20	Large	20	1
0301-02L28	Large	28	1



\* Manufactured on request.

# Endoscopic Clip Appliers

## Endoscopic Clip Appliers

### Key features

- available for Medium, Medium-Large and Large non-absorbable LigaV® clips to be used on large spectrum of tissue sizes,
- jaws activated by front handle for better stability,
- 360° shaft rotation by index finger allows one-hand operation,
- flushing port facilitates easy cleaning, thus eliminating potential contamination,
- made of high quality stainless steel,
- colour coded size matching cartridge hue,
- compatible with corresponding sizes of LigaV® titanium non-absorbable clips.

REF 0301-02ME	
Size	M
Colour	○
Shaft diameter (mm)	5
Trocar diameter (mm)	5
Working length (cm)	33
Loading	front - loaded
Box quantity (pcs)	1



REF 0301-02MLE	
Size	ML
Colour	●
Shaft diameter (mm)	10
Trocar diameter (mm)	10
Working length (cm)	33
Loading	front - loaded
Box quantity (pcs)	1



REF 0301-02LE	
Size	L
Colour	●
Shaft diameter (mm)	10
Trocar diameter (mm)	10
Working length (cm)	33
Loading	front - loaded
Box quantity (pcs)	1



## Endoscopic Clip Appliers

-  M
-  ML
-  L

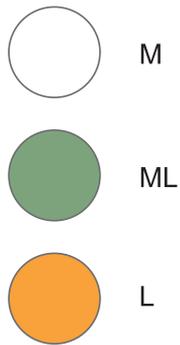


Endoscopic Clip Appliers

**Ergonomic and effective approach  
in endoscopic procedures**



## Endoscopic Clip Appliers



Bariatric Endoscopic Clip Appliers - 45 cm

**Extra length for bariatric surgery**

# Endoscopic Clip Appliers

## Bariatric Endoscopic Clip Appliers

### Key features

- 45 cm long shaft,
- available for Medium, Medium-Large and Large non-absorbable LigaV<sup>®</sup> clips to be used on large spectrum of tissue sizes,
- jaws activated by front handle for better stability,
- 360° shaft rotation by index finger allows one-hand operation,
- flushing port facilitates easy cleaning, thus eliminating potential contamination,
- made of high quality stainless steel,
- colour coded size matching cartridge hue,
- compatible with corresponding sizes of LigaV<sup>®</sup> titanium non-absorbable clips.

#### REF 0301-02MEB

<b>Size</b>	M
<b>Colour</b>	○
<b>Shaft diameter (mm)</b>	5
<b>Trocar diameter (mm)</b>	5
<b>Working length (cm)</b>	45
<b>Box quantity (pcs)</b>	1



#### REF 0301-02MLEB

<b>Size</b>	ML
<b>Colour</b>	●
<b>Shaft diameter (mm)</b>	10
<b>Trocar diameter (mm)</b>	10
<b>Working length (cm)</b>	45
<b>Box quantity (pcs)</b>	1



#### REF 0301-02LEB

<b>Size</b>	L
<b>Colour</b>	●
<b>Shaft diameter (mm)</b>	10
<b>Trocar diameter (mm)</b>	10
<b>Working length (cm)</b>	45
<b>Box quantity (pcs)</b>	1



## Accessories

## Accessories

REF	Product	Clip size	Pcs per box
0301-05CB	Cartridge base	S, M, ML, L	1



## New International Initiative

**GRENA<sup>®</sup> DG**  
*Think Medical*

**Grena forges Talents!**



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