

# Aesculap® Challenger® Ti-P

World Innovation – First pneumatic driven multifire clip system



Aesculap Endoscopic Technology

# Aesculap® Challenger® Ti-P

First pneumatic driven multifire clip system  
Erstes pneumatisches multifire Clipsystem

## WORLD INNOVATION

First **pneumatic** driven multifire clip applicator

- Easy and simple handling
- Innovative technology – pneumatic clip loading
- Fast, precise and reliable clip application
- High quality ligating clip
- Reposable System – reusable applier and single use clip cartridge
- One System with different shafts



# WELT INNOVATION

## Erster **pneumatischer** multifire Clipapplikator

- Einfache und leichte Handhabung
- Innovative Technologie – pneumatisches Clip-Nachladen
- Schnelle, präzise und zuverlässige Clipapplikation
- Hohe Clipqualität
- Reposable System – wieder verwendbarer Clipapplikator und Einmal-Clipmagazin
- Ein System mit unterschiedlichen Schäften



# Aesculap® Challenger® Ti-P

First pneumatic driven multifire clip system

Erstes pneumatisches multifire Clipsystem



**ML**  
medium large

for 10 mm clip applicator  
für 10 mm Clip-Applikator

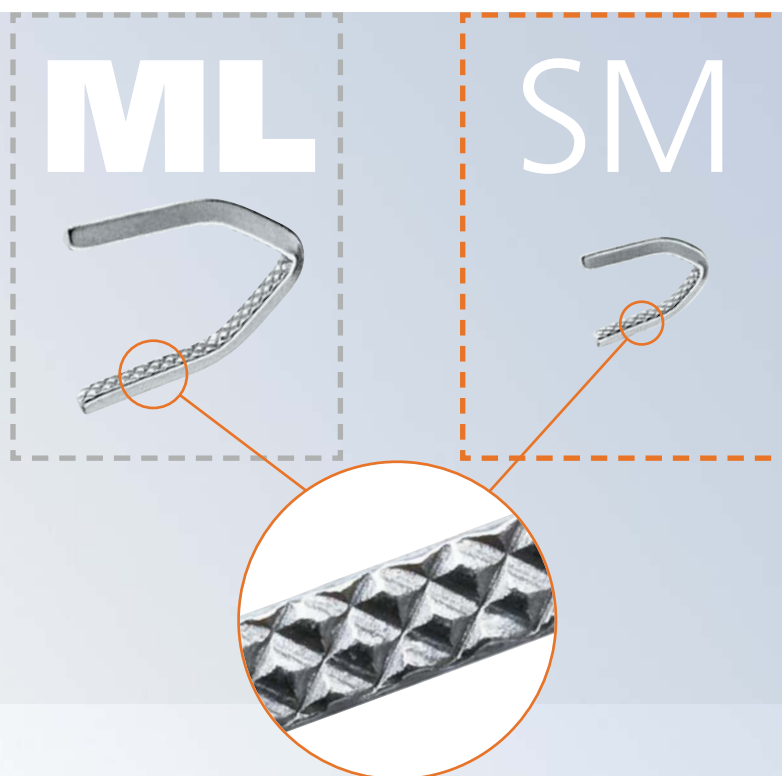
Sterile package of clip cartridge  
(clip cartridge + CO<sub>2</sub> cylinder),  
last clip colour-coded

Steril-Verpackung Clip Magazin  
(Magazin + CO<sub>2</sub> Patrone),  
letzter Clip farbcodiert



**SM**  
small medium

for 5 mm clip applicator  
für 5 mm Clip-Applikator



- Diamond-shaped inner clip profile provides an enlarged contact surface

- Rautenförmige Innenprofilierung des Clips bietet eine vergrößerte Kontaktfläche



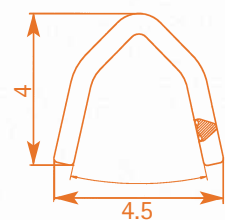
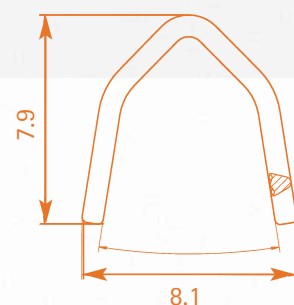
- The special closing characteristic of the clip allows a repositioning of the clip and prevents undesirable tissue slippage out of the clip

- Spezielles Schließverhalten des Clips ermöglicht ein Repositionieren des Clips und verhindert ungewolltes Herausgleiten von Gewebe aus dem Clip

# Aesculap® Challenger® Ti-P

First pneumatic driven multifire clip system

Erstes pneumatisches multifire Clipsystem





|                                                                                     |               | <b>ML</b> | <b>Clip applicator</b>                                                                                                                                     | <b>ML</b> | <b>Clip-Applikator</b>                                                                                                                               |
|-------------------------------------------------------------------------------------|---------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <b>PL606R</b> |           | diam. 10 mm, working length 370 mm                                                                                                                         |           | Ø 10 mm, Arbeitslänge 370 mm                                                                                                                         |
|      | <b>PL608R</b> |           | diam. 10 mm, working length 260 mm                                                                                                                         |           | Ø 10 mm, Arbeitslänge 260 mm                                                                                                                         |
|                                                                                     | <b>PL579T</b> |           | <b>Clip box</b>  1:1                                                    |           | <b>Clip-Box</b>  1:1                                            |
|  |               |           | with 12 sterile cartridges,<br>of 8 titanium clips and 12 CO <sub>2</sub><br>cylinders, last clip colour-coded<br><br>clip size: <b>medium-large (ML)</b>  |           | mit 12 sterilen Magazinen,<br>à 8 Titanclips und 12 CO <sub>2</sub> Patronen<br>letzter Clip farbkodiert<br><br>Clipgröße: <b>medium-large (ML)</b>  |
|                                                                                     |               | <b>SM</b> | <b>Clip applicator</b>                                                                                                                                     | <b>SM</b> | <b>Clip-Applikator</b>                                                                                                                               |
|    | <b>PL604R</b> |           | diam. 5 mm, working length 310 mm                                                                                                                          |           | Ø 5 mm, Arbeitslänge 310 mm                                                                                                                          |
|    | <b>PL603R</b> |           | diam. 5 mm, working length 205 mm                                                                                                                          |           | Ø 5 mm, Arbeitslänge 205 mm                                                                                                                          |
|                                                                                     | <b>PL574T</b> |           | <b>Clip box</b>  1:1                                                    |           | <b>Clip-Box</b>  1:1                                            |
|  |               |           | with 12 sterile cartridges,<br>of 12 titanium clips and 12 CO <sub>2</sub><br>cylinders, last clip colour-coded<br><br>clip size: <b>small-medium (SM)</b> |           | mit 12 sterilen Magazinen,<br>à 12 Titanclips und 12 CO <sub>2</sub> Patronen<br>letzter Clip farbkodiert<br><br>Clipgröße: <b>small-medium (SM)</b> |

# Aesculap® Challenger® Ti-P

First pneumatic driven multifire clip system

Erstes pneumatisches multifire Clipsystem

## Components and spare parts Einzelkomponenten und Ersatzteile

|                                                                  |                                                                                              |                                                                     |                                                                    |                                                                    |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Shaft/Schaft<br>complete/komplett                                | <b>PL536R</b>                                                                                | <b>PL538R</b>                                                       | <b>PL522R</b>                                                      | <b>PL609R</b>                                                      |
|                                                                  | Shaft length/Schaftlänge<br>370 mm<br>Diameter/Durchmesser<br>10 mm                          | Shaft length/Schaftlänge<br>260 mm<br>Diameter/Durchmesser<br>10 mm | Shaft length/Schaftlänge<br>310 mm<br>Diameter/Durchmesser<br>5 mm | Shaft length/Schaftlänge<br>205 mm<br>Diameter/Durchmesser<br>5 mm |
| Inner tube/Innenrohr                                             | <b>PL536802</b>                                                                              | <b>PL538802</b>                                                     | <b>PL522801</b>                                                    | <b>PL601801</b>                                                    |
|                                                                  | Shaft length/Schaftlänge<br>370 mm                                                           | Shaft length/Schaftlänge<br>260 mm                                  | Shaft length/Schaftlänge<br>310 mm                                 | Shaft length/Schaftlänge<br>205 mm                                 |
| Push rod/Schubstange                                             | <b>PL536801</b>                                                                              | <b>PL538801</b>                                                     | <b>PL522800</b>                                                    | <b>PL601800</b>                                                    |
|                                                                  | Shaft length/Schaftlänge<br>370 mm                                                           | Shaft length/Schaftlänge<br>260 mm                                  | Shaft length/Schaftlänge<br>310 mm                                 | Shaft length/Schaftlänge<br>205 mm                                 |
| Handle/Griff                                                     | <b>PL520R</b>                                                                                | <b>PL520R</b>                                                       | <b>PL520R</b>                                                      | <b>PL520R</b>                                                      |
|                                                                  |                                                                                              |                                                                     |                                                                    |                                                                    |
| CO <sub>2</sub> cylinder alone<br>CO <sub>2</sub> Patrone allein | <b>PL575SU</b>                                                                               | <b>PL575SU</b>                                                      | <b>PL575SU</b>                                                     | <b>PL575SU</b>                                                     |
|                                                                  | Pack à 3 pieces,<br>single sterile packaged<br>Packung à 3 Stück,<br>einzeln steril verpackt |                                                                     |                                                                    |                                                                    |
| Safety ring/Sicherungsring                                       | <b>PL520301</b>                                                                              | <b>PL520301</b>                                                     | <b>PL520301</b>                                                    | <b>PL520301</b>                                                    |
|                                                                  |                                                                                              |                                                                     |                                                                    |                                                                    |

**ML**

**SM**



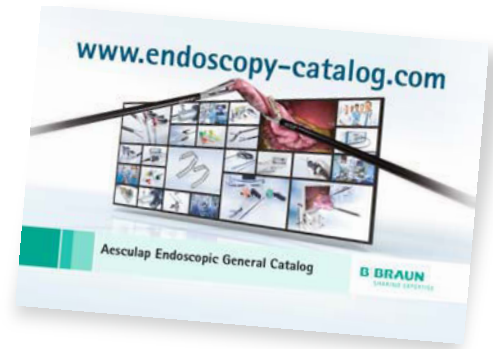


#### For care we recommend/Zur Pflege empfehlen wir

|                                                                                     |          |                                                                                                                                                        |               |
|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Instrument shield/Instrumentenschutz                                                | PL522810 | Protects jaws during removal, processing and sterile preparation<br>Zum Schutz der Maulteile während Entsorgung, Aufbereitung und Sterilbereitstellung | Ø/diam. 5 mm  |
|  | PL536810 | Protects jaws during removal, processing and sterile preparation<br>Zum Schutz der Maulteile während Entsorgung, Aufbereitung und Sterilbereitstellung | Ø/diam. 10 mm |
| Oil spray/Ölspray                                                                   | JG600    | Sterilit I, Pack of 6 pcs. (not illustrated)<br>Sterilit I, Packung à 6 Stück (ohne Abb.)                                                              |               |
| Cleaning brush/Reinigungsbürstchen                                                  | GK469R   | For inner tube diam. 5 mm, length 550 mm, pack of 6 pcs.<br>für Innenrohr Ø 5 mm, Länge 550 mm, Packung à 6 Stück                                      |               |
|  | PM995R   | For outer tube diam. 10 mm, length 550 mm, pack of 6 pcs.<br>für Außenrohr Ø 10 mm, Länge 550 mm, Packung à 6 Stück                                    |               |

# Aesculap® Challenger® Ti-P

First pneumatic driven multifire clip system  
Erstes pneumatisches multifire Clipsystem



## Sterile preparation

In 3 steps ready to use

### Step 1

Assembly of handle and shaft



### Step 2

Insert CO<sub>2</sub> cylinder



### Step 3

Insert clip cartridge



## Sterile Bereitstellung

In 3 Schritten einsatzbereit

### Schritt 1

Montage von Griff und Schaft

### Schritt 2

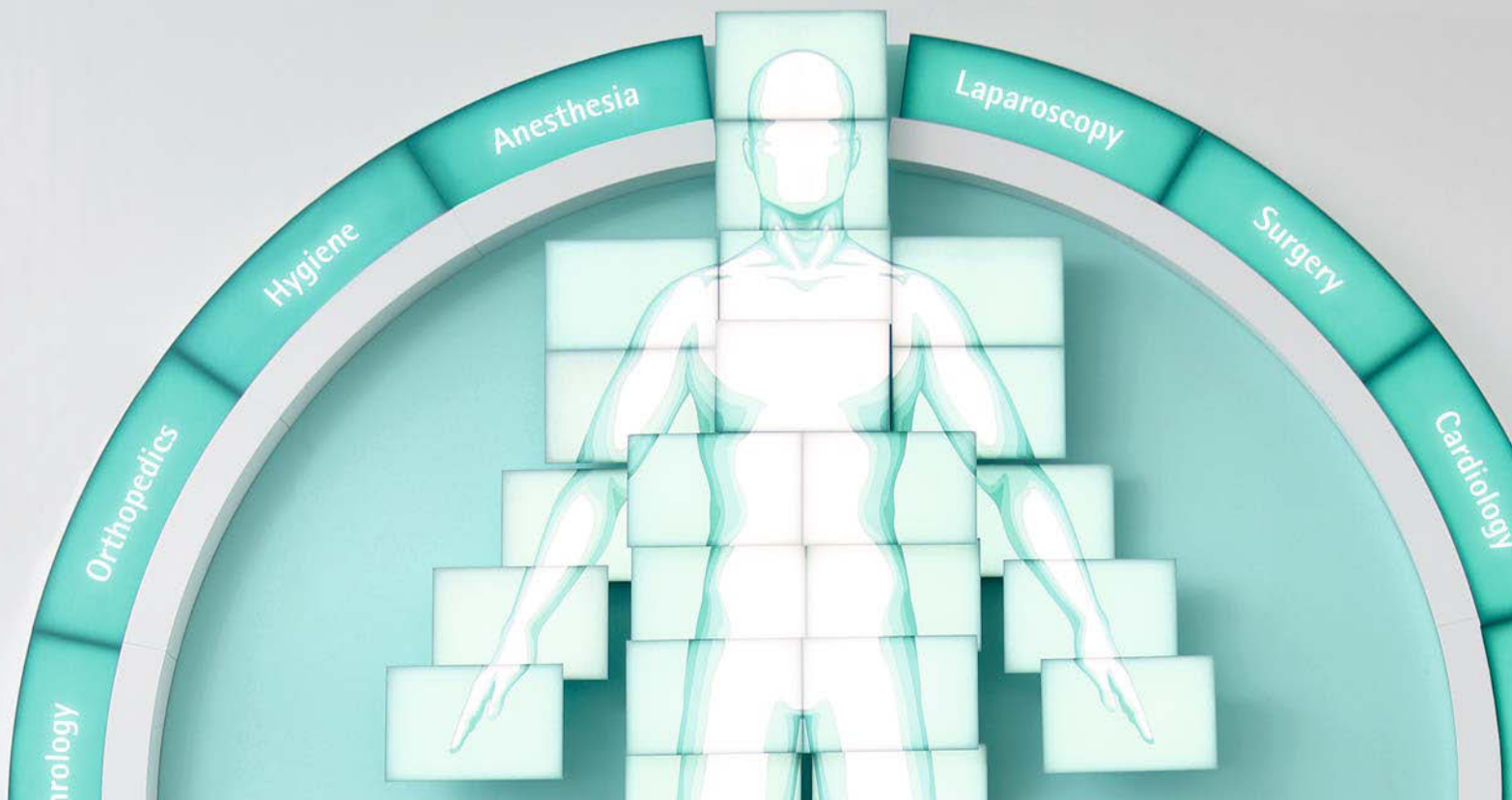
Einsetzen der Patrone

### Schritt 3

Einsetzen des Clip-Magazins

# AESCULAP ACADEMY

## Forum for contemporary medicine.



Technical developments, new treatment methods, hospital management – the requirements placed on today's medical professionals are varied, which is why high-quality continuing professional development is more important than ever. This is precisely what Aesculap Academy stands for.

Its aim is clear: The Aesculap Academy wants to keep medical and specialist staff in hospitals and practices fit for the future. Founded in 1995 under the B. Braun Group, the Aesculap Academy is seen today around the world as an important forum for medical training and further professional education. It works with an interdisciplinary, independent and international approach and it strives for long-term partnerships. Thanks to tailored and interrelated modules, the participants can continually develop and build up their knowledge and skills throughout their career. This means they are always as well prepared as possible for their daily work and future tasks.

**Aesculap Akademie GmbH**

Am Aesculap-Platz 78532 Tuttlingen Phone +49 7461 95-2001

[www.aesculap-academy.com](http://www.aesculap-academy.com)



Tuttlingen | Berlin | Bochum

