

Aesculap[®] MIT-System

Multi Interchangeable Trocar-System



AESFULAP[®] MIT-System

MULTI INTERCHANGEABLE TROCAR-SYSTEM

PRODUCT RANGE

The AESFULAP[®] MIT Trocar System offers a standard trocar configuration for each diameter. If this suggestion does not match your personal requirements, you can choose the various components separately: trocar body, trocar shaft and obturator on the following pages.

MODULAR DESIGN

The modular design ensures individuality and compatibility of the individual components.

- Reusable
- Economical
- Compatible
- Colour coded
- Easy assembly/disassembly
- Parts can be easily replaced



STANDARD TROCAR CONFIGURATION

RIGID TROCARS WITH SILICONE FLAP VALVE

Ø 5.5 mm

EJ701R

Trocar complete
(without obturator)

Length: 110 mm



Ø 10 mm

EJ751R

Trocar complete
with insuflation connection
(without obturator)

Length: 110 mm



Ø 13 mm

EJ580R

Trocar complete
(without obturator)

Length: 110 mm



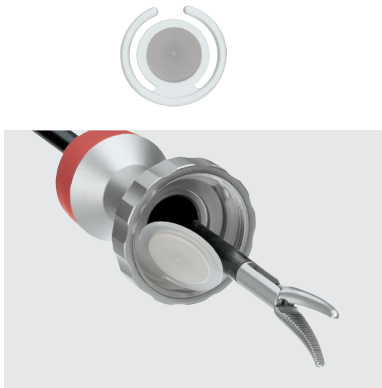
SILICONE FLAP VALVE

- Less instrument friction
- No damage to telescope and instrument tips
- Safe CO₂ seal

AESFULAP[®] MIT-System

MULTI INTERCHANGEABLE TROCAR-SYSTEM

Ø 5 mm



SILICONE FLAP VALVE

- Less instrument friction
- No damage to telescope and instrument tips
- Safe CO₂ seal



MANUAL FLAP VALVE

- Trocar body with manual opening mechanism for 5 and 10 mm trocars
- Compatible to all rigid trocar shafts
- Functional reliability in the removal of resected materials

TROCAR BODY



EJ700R

Standard trocar body
diam. 5 mm

1 piece

for 5 mm instruments



EJ710R

Special trocar body (manual opening)
diam. 5 mm

1 piece

for 5 mm instruments

INDIVIDUAL TROCAR CONFIGURATION

TROCAR SHAFT

stainless steel



EJ702R

smooth
60 mm

EJ712R

smooth
110 mm

EJ722R

smooth
150 mm



EJ703R

with thread
60 mm

EK015R

with thread
110 mm



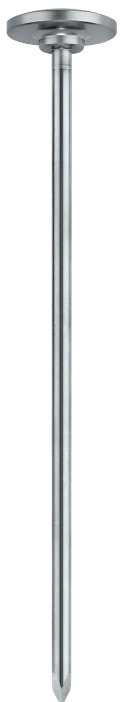
EJ704P

with thread
60 mm

EJ714P

with thread
110 mm

OBTURATOR



EJ705R

triangular
60 mm

EJ715R

triangular
110 mm

EJ725R

triangular
150 mm

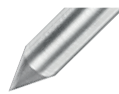


EJ706R

conical sharp
60 mm

EJ716R

conical sharp
110 mm



EJ718R

conical blunt
110 mm

EJ720R

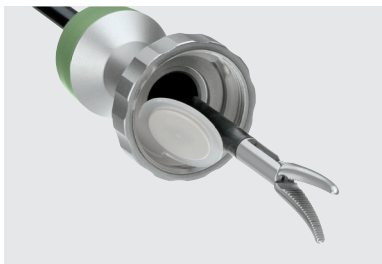
conical blunt
150 mm



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MULTI INTERCHANGEABLE TROCAR-SYSTEM

Ø 10 mm



SILICONE FLAP VALVE

- Less instrument friction
- No damage to telescope and instrument tips
- Safe CO₂ seal



MANUAL FLAP VALVE

- Trocar body with manual opening mechanism for 5 and 10 mm trocars
- Compatible to all rigid trocar shafts
- Functional reliability in the removal of resected materials

TROCAR BODY



EJ750R

Standard trocar body
diam. 10 mm

1 piece

for 10 mm instruments

EJ760R

Special trocar body (manual opening)
diam. 10 mm

1 piece

for 10 mm instruments

INDIVIDUAL TROCAR CONFIGURATION

TROCAR SHAFT

stainless steel

plastic, black

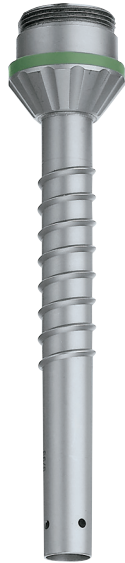


EJ752R

smooth
110 mm

EJ762R

smooth
150 mm



EJ753R

with thread
110 mm



EJ754P

with thread
110 mm

EJ764P

with thread
150 mm

OBTURATOR



EJ775R

triangular
110 mm

EJ765R

triangular
150 mm



EJ756R

conical sharp
110 mm

EJ766R

conical sharp
150 mm



EJ558R

conical blunt
110 mm

EJ568R

conical blunt
150 mm

AESCULAP® MIT-System

MULTI INTERCHANGEABLE TROCAR-SYSTEM

Ø 13 mm



Rigid trocars with silicone flap valve

- Less instrument friction
- No damage to telescope and instrument tips
- Safe CO₂ seal



SILICONE FLAP VALVE

- Less instrument friction
- ☑ No damage to telescope and instrument tips
- Safe CO₂ seal

TROCAR BODY



EJ581R

Standard trocar body
diam. 13 mm

1 piece

for 12.5 mm instruments

INDIVIDUAL TROCAR CONFIGURATION

TROCAR SHAFT

stainless steel



EJ582R

smooth
110 mm



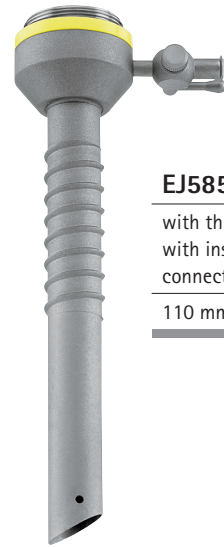
EJ583R

smooth,
with insufflation
connection
110 mm



EJ584R

with thread
110 mm



EJ585R

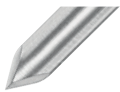
with thread,
with insufflation
connection
110 mm

OBTURATOR



EJ586R

triangular
110 mm



EJ587R

conical sharp
110 mm



EJ588R

conical blunt
110 mm



Flexible trocars for curved instruments and for special jaw types

LAPAROSCOPY TROCAR COMPLETE

100 mm length (with valve and obturator)

- Both sufficiently flexible to permit insertion of curved instruments and sufficiently firm to ensure access to the operation area
- Trocar shaft in two different diameters:
 - 7 mm for use of 5 mm instruments
 - 13 mm for use of 10 mm instruments and endoscopes



Trocar complete 110 mm length
(without obturator)

Ø 7 mm

EJ800R



Ø 13 mm

EJ590R
(including sealing cap set EJ642P)



Trocar shaft
(pack of 3 pcs.)

Ø 7 mm

EJ806P
100 mm length



Ø 13 mm

EJ826P
inner diameter 12.5 mm
100 m length



THORACOSCOPY TROCAR COMPLETE

75 mm length

(without valve, with obturator)

Trocar complete 75 mm length
(without obturator)

Ø 7 mm

EJ830R



Ø 13 mm

EJ595R



Trocar shaft
(pack of 3 pcs.)

Ø 7 mm

EJ804P

75 mm length



Ø 13 mm

EJ824P

inner diameter 12.5 mm
75 m length



Trocar for Mini Laparotomy (HASSON technique)

- Introduction of first trocar under direct vision
- To be used with a blunt obturator
- Conical attachment for air tight closure of the mini laparotomy incision
- Used with patients who have had prior abdominal surgical procedures, and may have tissue adhering to the abdominal wall

Trocar complete 110 mm length
(without blunt obturator)

Ø 10 mm

EJ441R



Trocar body only
(with insufflation ring)

Ø 10 mm

EJ750R



Conical attachment

Ø 10 mm

EJ430R



Trocar shaft only

Ø 10 mm

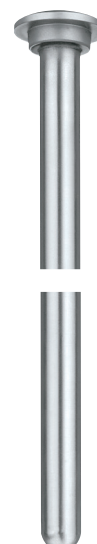
EJ432R



Obturator only (blunt)

Ø 10 mm

EJ433R



Herloon® Trocar for Endoscopic Hernia Repair (TEP technique)

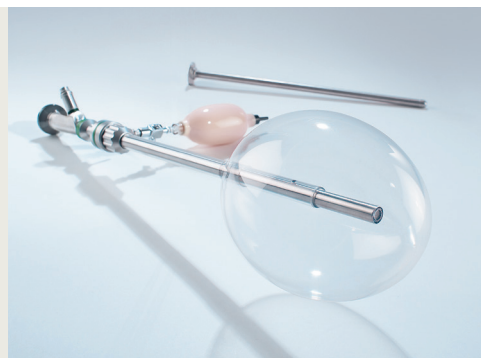
Herloon® for the total extraperitoneal patch technique (TEP) in endoscopic hernia repair

COMPONENT 1:

Reusable Herloon® trocar body including a blunt trocar pin

COMPONENT 2:

Single-use Herloon® balloon shaft with hand pump



Herloon® trocar body only with blunt obturator, reusable

Ø 10 mm

EJ871R

consisting of:

EJ872R: trocar body only

EJ873R: blunt obturator, length: 300 mm



Herloon® balloon shaft only single use

Ø 10 mm

EJ870P



consisting of:




shaft with distal balloon and hand pump,

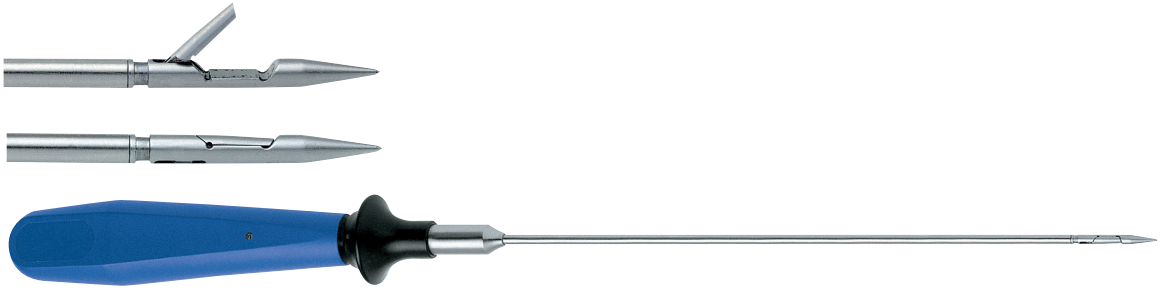

individual sterile packaging, pack of 10 pieces

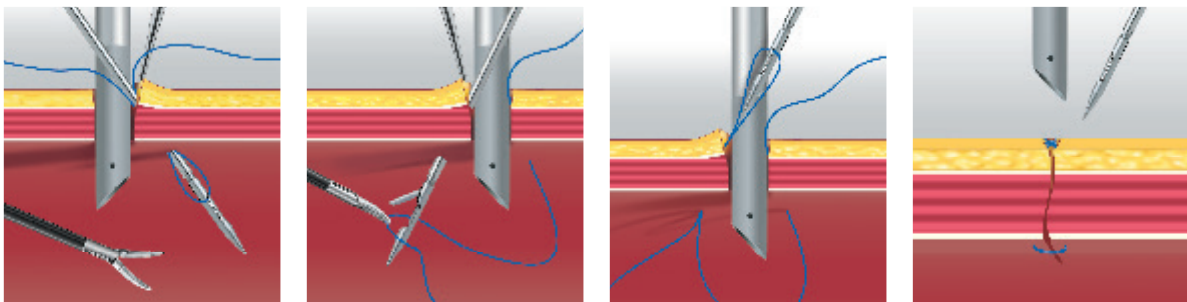


Additional Instruments











Order number	Description	Diameter	Length
BV941R	<p>Gall bladder extractor with 3 blades (blade length: 55 mm)</p> <ul style="list-style-type: none"> ▪ For use with a 10 mm trocar ▪ For assisting the recovery process ▪ Extends the abdominal access 		
EJ475	<p>Removal trocar complete (includes triangular and conical obturator)</p>		
EJ475811 (triangular obturator)		20 mm	110 mm
EJ475812 (conical, sharp obturator)		20 mm	110 mm

Order number	Description	from Diameter	← → to Diameter	Sealing caps	
Dilatation Set					
					
EJ477R		5.5 mm	10 mm		EJ477250 Pack of 20 pcs.
EJ480R		10 mm	20 mm		EJ480250 Pack of 20 pcs.

Order number	Description	Diameter	Length
PL162R	Fascial suture instrument for subcutaneous closure of trocar incisions. Reduces the risk of postoperative hernias when using 10 mm trocars or bigger.	2.5 mm	170 mm
			
PL163R	Shaft only for PL162R consisting of: outer tube, inner tube and jaw insert		
			



Spare Parts and Accessories

Order number	Description		Diameter	Shaft length
PG003	VERESS-Insufflation needle		2.1 mm	100 mm
PG008			2.1 mm	120 mm
PG011			2.1 mm	150 mm
EJ995	VERESS-Insufflation needle single use, pack of 20 pcs.		2.1 mm	120 mm
EJ996	VERESS-Insufflation needle single use, pack of 20 pcs.		2.1 mm	150 mm
EJ570P	Silicone flap valve pack of 20 pcs.		5.5 / 7.0 mm	
EJ571P			10.0 / 12.5 mm	
EJ572P			13.0 mm	
EJ700251	Adapter ring with insufflation connection		5.5 / 7.0 mm	
EJ750251			10.0 / 12.5 mm	
EJ651R	Adapter ring with stopcock		5.5 mm	
EJ650R			10.0 / 12.5 mm	
EJ700250	Adapter ring without insufflation connection		5.5 / 7.0 mm	
EJ750250			10.0 / 12.5 mm	
SK271C	Metal stopcock			
EJ751251	Sealing cap Luer-Lock, pack of 20 pcs.			
EJ702250 red	Colour coding ring, pack of 20 pcs.		5.5 mm	
EJ752250 green			10.0 mm	
EJ772250 black			12.5 mm	
EJ644P yellow			13.0 mm	

Reducing sleeves	Working length	Diameter	Guide	Sealing caps
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PL650R	150 mm	5 mm	4 mm	PL650250	Pack of 20 pcs.
EJ601R	165 mm	10 mm	5.5 mm	EJ601250	Pack of 20 pcs.
EJ602R	165 mm	13 mm	5.5 mm	EJ602203	Pack of 1 pc.
EJ604R	165 mm	13 mm	10 mm	EJ645P	Pack of 20 pcs.
EJ614R	190 mm	20 mm	10 mm	EJ624P	Pack of 10 pcs.

Order number	Description		Diameter
EJ446255	Sealing cap, pack of 20 pcs.		5.5 mm
EJ449255			10.0 mm
EJ450255			12.5 mm
EJ643P			13.0 mm

Sealing cap set, pack of 5 pcs.

EJ640P

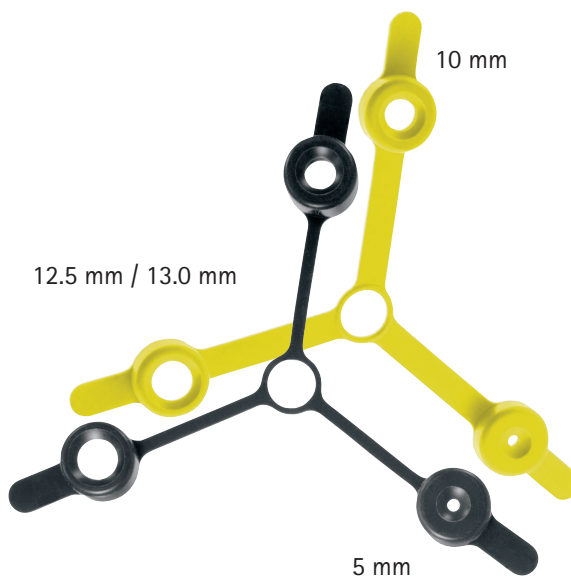
(green) for diam.
5 mm / 10 mm

EJ641P

(black) for diam.
5 mm / 10 mm / 12.5 mm

EJ642P

(yellow) for diam.
5 mm / 10 mm / 13 mm



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