



# GASTROENTEROLOGY

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Autoclavable at 134°C / 273°F - 5 minutes



Sterilised with gamma rays



Sterilised with ethylene oxid



Singe use only - The instruments must not be resterilised respectively reprocessed.



Radio-opaque - The instruments are visible with gamma rays.



With port for contrast medium.



With cleaning port



With high frequency connector - Please consider the generator and instrument settings.



## Gastroenterology

	<b>page</b>
Biopsy forceps . . . . .	4-32
Scissors, Punches, Hook scissors . . . . .	33-37
Foreign Body Retriever . . . . .	38-60
Transbronchial biopsy needle . . . . .	61-69
Sclerosing needle . . . . .	70-78
Needle for Fibrin application . . . . .	79-83
Polypectomy snares . . . . .	84-114
Cleaning brushes . . . . .	115-122
Cytology brush for single-use . . . . .	123-125
Stone basket . . . . .	126-135
Catheter for ERCP . . . . .	136-145
Probes for chromoendoscopy . . . . .	146-151
Sphincterotome . . . . .	152-163
Coagulation probe . . . . .	164-167
Accessories . . . . .	168-177

## Gastroenterology

### Biopsy forceps



#### page

Biopsy forceps - Once production - Product Group 0017 . . . . .	5-6
Hot biopsy forceps - reusable - Product Group 0018 . . . . .	7-8
Biopsy forceps - reusable - Product Group 0020 . . . . .	9-28
Biopsy forceps - single use - Product Group 0025 . . . . .	29-32



## Gastroenterology

### Biopsy forceps

#### Biopsy forceps - Once production - Product Group 0017

page

Biopsy forceps with long cups Ø 2,3 mm - Budget . . . . . 6

## Biopsy forceps with long cups Ø 2,3 mm - Budget



For working channels Ø 2,8 mm and higher

- Oval cups fenestrated
- Optional with spine
- Simple construction - good value



	Length	Spiral type
		distal ground
Without spine	120 cm	on request
	160 cm	BK0222V-160
	180 cm	BK0222V-180
	230 cm	BK0222V-230
With spine	120 cm	on request
	160 cm	BK0222VD-160
	180 cm	BK0222VD-180
	230 cm	BK0222VD-230



## Gastroenterology

### Biopsy forceps

#### Hot biopsy forceps - reusable - Product Group 0018

page

Hot biopsy forceps ..... 8

## Hot biopsy forceps



- Oval cups for working channels Ø 2,0 mm and 2,8 mm
- Round cups for working channel Ø 3,4 mm
- Cups fenestrated
- PTFE-coated with cleaning port
- Without handle



HF connection type	Length	For working channels		
		Ø 2,0 mm	Ø 2,8 mm	Ø 3,8 mm
4 mm socket fits with handle 6201	120 cm	<b>6118-120</b>	<b>on request</b>	<b>on request</b>
	160 cm	<b>6118-160</b>	<b>6122-160</b>	<b>6134-160</b>
	180 cm	<b>6118-180</b>	<b>6122-180</b>	<b>6134-180</b>
	230 cm	<b>6118-230</b>	<b>6122-230</b>	<b>6134-230</b>
Olympus fits with handle 6203	120 cm	<b>6118A-120</b>	<b>on request</b>	<b>on request</b>
	160 cm	<b>6118A-160</b>	<b>6122A-160</b>	<b>6134A-160</b>
	180 cm	<b>6118A-180</b>	<b>6122A-180</b>	<b>6134A-180</b>
	230 cm	<b>6118A-230</b>	<b>6122A-230</b>	<b>6134A-230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"





## Gastroenterology

### Biopsy forceps

#### Biopsy forceps - reusable - Product Group 0020

	<b>page</b>
Biopsy forceps with long cups Ø 0,8 mm . . . . .	10
Biopsy forceps with long cups Ø 1,0 mm . . . . .	11
Biopsy forceps with long cups Ø 1,6 mm . . . . .	12
Biopsy forceps with long cups Ø 1,8 mm . . . . .	13
Biopsy forceps with long cups Ø 1,8 mm . . . . .	14
Biopsy forceps with short cups Ø 1,8 mm . . . . .	15
Biopsy forceps with long cups Ø 2,1 mm . . . . .	16
Biopsy forceps with round cups Ø 2,4 mm . . . . .	17
Biopsy forceps with long cups Ø 2,3 mm . . . . .	18
Biopsy forceps with long cups Ø 2,3 mm . . . . .	19
Biopsy forceps with long cups Ø 2,5 mm . . . . .	20
Biopsy forceps with round cups Ø 3,0 mm . . . . .	21
Biopsy forceps with round cups Ø 3,4 mm . . . . .	22
Biopsy forceps with toothed cups Ø 1,6 mm . . . . .	23
Biopsy forceps with toothed cups Ø 1,8 mm . . . . .	24
Biopsy forceps with toothed cups Ø 1,8 mm tiltable . . . . .	25
Biopsy forceps with toothed cups Ø 2,3 mm . . . . .	26
Biopsy forceps long cups with 1x2 teeth Ø 2,3 mm . . . . .	27
Biopsy forceps long cupswith 1x2 teeth Ø 2,3 mm tiltable . . . . .	28



## Biopsy forceps with long cups Ø 0,8 mm

For working channels Ø 1,0 mm and higher

- Long cups



Length	Spiral type
	ground
120 cm	<b>KG0208-120</b>
160 cm	<b>KG0208-160</b>
180 cm	<b>KG0208-180</b>
230 cm	<b>KG0208-230</b>
280 cm	<b>KG0208-280</b>



## Biopsy forceps with long cups Ø 1,0 mm

For working channels Ø 1,2 mm and higher

- Long cups



Length	Spiral type
	ground
120 cm	<b>KG0210-120</b>
160 cm	<b>KG0210-160</b>
180 cm	<b>KG0210-180</b>
230 cm	<b>KG0210-230</b>
280 cm	<b>KG0210-280</b>



## Biopsy forceps with long cups Ø 1,6 mm

For working channels Ø 1,8 mm and higher

- Oval cups



Length	Spiral type
	ground
120 cm	<b>KG0316-120</b>
160 cm	<b>KG0316-160</b>
180 cm	<b>KG0316-180</b>
230 cm	<b>KG0316-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.

## Biopsy forceps with long cups Ø 1,8 mm



For working channels Ø 2,0 mm and higher

- Long cups fenestrated
- Optional with spine
- Spiral sheath in different types
- PTFE coated with cleaning port



	Length	Spiral type		
		distal ground	ground	PTFE-coated
without spine	120 cm	<b>K1618V-120</b>	<b>KG1618-120</b>	<b>KX1618-120</b>
	160 cm	<b>K1618V-160</b>	<b>KG1618-160</b>	<b>KX1618-160</b>
	180 cm	<b>K1618V-180</b>	<b>KG1618-180</b>	<b>KX1618-180</b>
	230 cm	<b>K1618V-230</b>	<b>KG1618-230</b>	<b>KX1618-230</b>
	longer 230 cm	<b>on request</b>	<b>on request</b>	<b>not available</b>
with spine	120 cm	<b>K1618VD-120</b>	<b>KG1618D-120</b>	<b>KX1618D-120</b>
	160 cm	<b>K1618VD-160</b>	<b>KG1618D-160</b>	<b>KX1618D-160</b>
	180 cm	<b>K1618VD-180</b>	<b>KG1618D-180</b>	<b>KX1618D-180</b>
	230 cm	<b>K1618VD-230</b>	<b>KG1618D-230</b>	<b>KX1618D-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.

## Biopsy forceps with long cups Ø 1,8 mm



For working channels Ø 2,0 mm and higher

- Oval cups fenestrated
- Jaw parts left/right tiltable



Length	Spiral type
120 cm	<b>K1618VK-120</b>
160 cm	<b>K1618VK-160</b>
180 cm	<b>K1618VK-180</b>
230 cm	<b>K1618VK-230</b>



## Biopsy forceps with short cups Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- Short cups fenestrated
- Optional with spine
- Spiral sheath in different types



	Length	Spiral type	
		distal ground	ground
without spine	120 cm	<b>K1718V-120</b>	<b>KG1718-120</b>
	160 cm	<b>K1718V-160</b>	<b>KG1718-160</b>
	180 cm	<b>K1718V-180</b>	<b>KG1718-180</b>
	230 cm	<b>K1718V-230</b>	<b>KG1718-230</b>
	250 cm	<b>K1718V-250</b>	<b>not available</b>
	280 cm	<b>K1718V-280</b>	<b>not available</b>
with spine	120 cm	<b>K1718VD-120</b>	<b>KG1718D-120</b>
	160 cm	<b>K1718VD-160</b>	<b>KG1718D-160</b>
	180 cm	<b>K1718VD-180</b>	<b>KG1718D-180</b>
	230 cm	<b>K1718VD-230</b>	<b>KG1718D-230</b>

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For metal handle please remove the "K" from the article number.

## Biopsy forceps with long cups Ø 2,1 mm



For working channels Ø 2,4 mm and higher

- Long cups fenestrated
- Optional with spine
- Spiral sheath in different types



	Length	Spiral type	
		distal ground	ground
Without spine	120 cm	<b>K0221V-120</b>	<b>KG0221-120</b>
	160 cm	<b>K0221V-160</b>	<b>KG0221-160</b>
	180 cm	<b>K0221V-180</b>	<b>KG0221-180</b>
	230 cm	<b>K0221V-230</b>	<b>KG0221-230</b>
With spine	120 cm	<b>K0221VD-120</b>	<b>KG0221D-120</b>
	160 cm	<b>K0221VD-160</b>	<b>KG0221D-160</b>
	180 cm	<b>K0221VD-180</b>	<b>KG0221D-180</b>
	230 cm	<b>K0221VD-230</b>	<b>KG0221D-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.





## Biopsy forceps with round cups Ø 2,4 mm

For working channels Ø 2.8 mm and higher

- Round cups fenestrated



Length	Spiral type
120 cm	<b>on request</b>
160 cm	<b>K0122V-160</b>
180 cm	<b>K0122V-180</b>
230 cm	<b>K0122V-230</b>
270 cm	<b>K0122V-270</b>
300 cm	<b>K0122V-300</b>

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For metal handle please remove the "K" from the article number.

## Biopsy forceps with long cups Ø 2,3 mm



For working channels Ø 2,8 mm and higher

- Oval cups fenestrated
- Optional with spine
- Spiral sheath in different types
- PTFE coated with cleaning port



	Length	Spiral type		
		distal ground	ground	PTFE-coated
without spine	160 cm	<b>K0222V-160</b>	<b>KG0222-160</b>	<b>KX0222-160</b>
	180 cm	<b>K0222V-180</b>	<b>KG0222-180</b>	<b>KX0222-180</b>
	230 cm	<b>K0222V-230</b>	<b>KG0222-230</b>	<b>KX0222-230</b>
	longer 230 cm	<b>on request</b>	<b>on request</b>	<b>not available</b>
with spine	160 cm	<b>K0222VD-160</b>	<b>KG0222D-160</b>	<b>KX0222D-160</b>
	180 cm	<b>K0222VD-180</b>	<b>KG0222D-180</b>	<b>KX0222D-180</b>
	230 cm	<b>K0222VD-230</b>	<b>KG0222D-230</b>	<b>KX0222D-230</b>
	longer 230 cm	<b>on request</b>	<b>on request</b>	<b>not available</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.

## Biopsy forceps with long cups Ø 2,3 mm



For working channels Ø 2,8 mm and higher

- Oval cups fenestrated
- Jaw parts left/right tiltable



Length	Spiral type
160 cm	<b>K0222VK-160</b>
180 cm	<b>K0222VK-180</b>
230 cm	<b>K0222VK-230</b>

## Biopsy forceps with long cups Ø 2,5 mm



For working channels Ø 2,8 mm and higher

- Oval cups fenestrated
- Optional with spine
- Spiral sheath in different types
- PTFE coated with cleaning port



	Length	Spiral type		
		distal ground	ground	PTFE-coated
Without spine	120 cm	on request	on request	on request
	160 cm	K0225V-160	KG0225-160	KX0225-160
	180 cm	K0225V-180	KG0225-180	KX0225-180
	230 cm	K0225V-230	KG0225-230	KX0225-230
With spine	120 cm	on request	on request	on request
	160 cm	K0225VD-160	KG0225D-160	KX0225D-160
	180 cm	K0225VD-180	KG0225D-180	KX0225D-180
	230cm	K0225VD-230	KG0225D-230	KX0225D-230

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For metal handle please remove the "K" from the article number.



## Biopsy forceps with round cups Ø 3,0 mm

For working channels Ø 3,6 mm and higher

- Round cups fenestrated
- Optional with spine
- Spiral sheath in different types



	Length	Spiral type
		distal ground
Without spine	120 cm	on request
	160 cm	<b>K0130V-160</b>
	180 cm	<b>K0130V-180</b>
	230 cm	<b>K0130V-230</b>
With spine	120 cm	on request
	160 cm	<b>K0130VD-160</b>
	180 cm	<b>K0130VD-180</b>
	230 cm	<b>K0130VD-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.

## Biopsy forceps with round cups Ø 3,4 mm

For working channels Ø 3,8 mm and higher

- Round cups fenestrated
- Optional with spine
- Spiral sheath in different types
- PTFE-coated with cleaning port



	Length	spiral type		
		spiral distal ground	ground	PTFE coated
without spine	120 cm	on request	on request	on request
	160 cm	K0134V-160	KG0134-160	KX0134-160
	180 cm	K0134V-180	KG0134-180	KX0134-180
	230 cm	K0134V-230	KG0134-230	KX0134-230
with spine	120 cm	on request	on request	on request
	160 cm	K0134VD-160	KG0134D-160	KX0134D-160
	180 cm	K0134VD-180	KG0134D-180	KX0134D-180
	230 cm	K0134VD-230	KG0134D-230	KX0134D-230

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Biopsy forceps with toothed cups Ø 1,6 mm

For working channels Ø 1,8 mm and higher

- Oval toothed cups



Length	Spiral type
	ground
120 cm	<b>KG0416-120</b>
160 cm	<b>KG0416-160</b>
180 cm	<b>KG0416-180</b>
230 cm	<b>KG0416-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Biopsy forceps with toothed cups Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- Toothed cups
- Spiral sheath in different types



Length	Spiral type	
	standard	distal ground
120 cm	<b>K0418-120</b>	<b>K0418V-120</b>
160 cm	<b>K0418-160</b>	<b>K0418V-160</b>
180 cm	<b>K0418-180</b>	<b>K0418V-180</b>
230 cm	<b>K0418-230</b>	<b>K0418V-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.





## Biopsy forceps with toothed cups Ø 1,8 mm tiltable

For working channels Ø 2,0 mm and higher

- Toothed cups



Length	Spiral type
120 cm	<b>K0418VK-120</b>
160 cm	<b>K0418VK-160</b>
180 cm	<b>K0418VK-180</b>
230 cm	<b>K0418VK-230</b>



## Biopsy forceps with toothed cups Ø 2,3 mm

For working channels Ø 2,8 mm and higher

- Toothed cups
- Optional with spine



	Length	Spiral type
		distal ground
Without spine	120 cm	on request
	160 cm	<b>K0422V-160</b>
	180 cm	<b>K0422V-180</b>
	230 cm	<b>K0422V-230</b>
With spine	120 cm	on request
	160 cm	<b>K0422VD-160</b>
	180 cm	<b>K0422VD-180</b>
	230cm	<b>K0422VD-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Biopsy forceps long cups with 1x2 teeth Ø 2,3 mm

For working channels Ø 2,8 mm and higher

- Oval cups with 1x2 teeth
- Spiral sheath in different types



Length	Spiral type	
	distal ground	ground
120 cm	on request	on request
160 cm	<b>K0722V-160</b>	<b>KG0722-160</b>
180 cm	<b>K0722V-180</b>	<b>KG0722-180</b>
230 cm	<b>K0722V-230</b>	<b>KG0722-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



**Biopsy forceps long cup with 1x2 teeth Ø 2,3 mm  
tiltable**

For working channels Ø 2,8 mm and higher

- Oval cups with 1x2 teeth



Length	Execution of the spiral
120 cm	<b>On request</b>
160 cm	<b>K0722VK-160</b>
180 cm	<b>K0722VK-180</b>
230 cm	<b>K0722VK-230</b>



## Gastroenterology

### Biopsy forceps

#### Biopsy forceps - single use - Product Group 0025

	<b>page</b>
Biopsy forceps single use Ø 1,7 mm . . . . .	30
Biopsy forceps single use Ø 2,3 mm . . . . .	31
Biopsy forceps with toothed cups Ø 2,3 mm single use . . . . .	32



## Biopsy forceps single use Ø 1,7 mm

For working channel Ø 2,0 mm and higher

- Single sterile packed
- Packing unit 10 pieces



Length	Order number
120 cm	<b>E1618-120</b>
160 cm	<b>E1618-160</b>
180 cm	<b>E1618-180</b>
230 cm	<b>E1618-230</b>



## Biopsy forceps single use Ø 2,3 mm

For working channel Ø 2,8 mm and higher

- Single sterile packed
- Packing unit 10 pieces



Length	Type	
	without spine	with spine
160 cm	E0223-160	E0223D-160
180 cm	E0223-180	E0223D-180
230 cm	E0223-230	E0223D-230



## Biopsy forceps with toothed cups Ø 2,3 mm single use

For working channels Ø 2,8 mm and higher

- Single sterile packed
- Packing unit 10 pieces

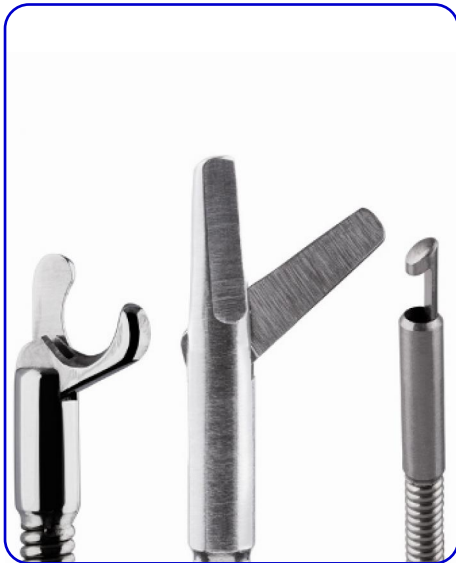


Length	Type	
	Without spine	With spine
160 cm	E0423-160	E0423D-160
180 cm	E0423-180	E0423D-180
230 cm	E0423-230	E0423D-230



## Gastroenterology

### Scissors, Punches, Hook scissors



**page**

Scissors, Punches, Hook scissors - reusable - Product Group 0024 . . . . .	34-37
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## Gastroenterology

### Scissors, Punches, Hook scissors

#### Scissors, Punches, Hook scissors - reusable - Product Group 0024

	<b>page</b>
Scissors Ø 2,4 mm . . . . .	35
Punch Ø 2,4 mm . . . . .	36
Hook scissors Ø 2,4 mm . . . . .	37



## Scissors Ø 2,4 mm

For working channels Ø 2.8 mm and higher

- scissors single-sided toothed



Length	Spiral type
	standard
120 cm	<b>on request</b>
160 cm	<b>K0922-160</b>
180 cm	<b>K0922-180</b>
230 cm	<b>K0922-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Punch Ø 2,4 mm

For working channels Ø 2.8 mm and higher

- Cylindric punch
- To cut through suture Catgut



Length	Spiral type
	standard
120 cm	<b>on request</b>
160 cm	<b>K1922-160</b>
180 cm	<b>K1922-180</b>
230 cm	<b>K1922-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Hook scissors Ø 2,4 mm

For working channels Ø 2.8 mm and higher

- Cylindric punch
- To cut through suture Catgut



Length	Spiral type
160 cm	<b>K09224-160</b>
180 cm	<b>K09224-180</b>
230 cm	<b>K09224-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
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## Gastroenterology

### Foreign Body Retriever



	<b>page</b>
Polyp retriever reusable - Product Group 0021 .....	39-40
Foreign Body Retriever - reusable - Product Group 0022 .....	41-58
Foreign Body Retriever - single use - Product Group 0034 .....	59-60



## Gastroenterology

### Foreign Body Retriever

#### Polyp retriever reusable - Product Group 0021

	<b>page</b>
Polyp retriever Ø 2,4 mm .....	40



## Polyp retriever Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- 3, 4 and 5 prong grasper with eyelets
- Jaws totally retractable
- Available with flushable radiopaque tube



	Length	Spiral type	
		distal ground	radiopaque tube
3 prong grasper	160 cm	<b>K1322.3-160</b>	<b>KT1322.3-160</b>
	180 cm	<b>K1322.3-180</b>	<b>KT1322.3-180</b>
	230 cm	<b>K1322.3-230</b>	<b>KT1322.3-230</b>
4 prong grasper	160 cm	<b>not available</b>	<b>KT1322.4-160</b>
	180 cm	<b>not available</b>	<b>KT1322.4-180</b>
	230 cm	<b>not available</b>	<b>KT1322.4-230</b>
5 prong grasper	160 cm	<b>not available</b>	<b>KT1322.5-160</b>
	180 cm	<b>not available</b>	<b>KT1322.5-180</b>
	230 cm	<b>not available</b>	<b>KT1322.5-230</b>





## Gastroenterology

### Foreign Body Retriever

#### Foreign Body Retriever - reusable - Product Group 0022

	<b>page</b>
Foreign Body Retriever with toothed cups Ø 2,3 mm . . . . .	42
Foreign Body Retriever - long toothed cups Ø 1,8 mm . . . . .	43
Foreign Body Retriever - long toothed cups Ø 2,3 mm . . . . .	44
Foreign Body Retriever Alligator cups Ø 1,0 mm . . . . .	45
Foreign Body Retriever Alligator cups Ø 1,8 mm . . . . .	46
Foreign Body Retriever Alligator cups Ø 2,3 mm . . . . .	47
Catheter-Applying-Forceps cups Ø 2,4 mm . . . . .	48
Applying-Forceps for feeding probes cups Ø 2,5 mm . . . . .	49
Foreign Body Retriever rat tooth Ø 1,8 mm . . . . .	50
Foreign Body Retriever with 1x2 teeth Ø 2,3 mm . . . . .	51
Foreign Body Retriever with 1x2 teeth Ø 2,3 mm large opening . . . . .	52
Foreign Body Retriever forked jaws 1x2 Ø 1,8 mm . . . . .	53
Foreign Body Retriever forked jaws 1x2 Ø 2,4 mm . . . . .	54
Foreign Body Retriever forked jaws 2x2 Ø 1,8 mm . . . . .	55
Foreign Body Retriever forked jaws 2x2 Ø 2,4 mm . . . . .	56
Foreign Body Retriever - prong grasper Ø 1,8 mm . . . . .	57
Foreign Body Retriever - prong grasper Ø 2,4 mm . . . . .	58



## Foreign Body Retriever with toothed cups

Ø 2,3 mm

For working channels Ø 2,8 mm and higher

- Cross toothed cups



Length	Spiral type
120 cm	<b>on request</b>
160 cm	<b>K0522-160</b>
180 cm	<b>K0522-180</b>
230 cm	<b>K0522-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Foreign Body Retriever - long toothed cups

Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- Cross toothed - tapered cups



Length	Spiral type
120 cm	<b>K1818-120</b>
160 cm	<b>K1818-160</b>
180 cm	<b>K1818-180</b>
230 cm	<b>K1818-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Foreign Body Retriever - long toothed cups

Ø 2,3 mm

For working channels Ø 2,8 mm and higher

- Cross toothed - tapered cups



Length	Spiral type
120 cm	<b>on request</b>
160 cm	<b>K1822-160</b>
180 cm	<b>K1822-180</b>
230 cm	<b>K1822-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Foreign Body Retriever Alligator cups Ø 1,0 mm

For working channels Ø 1,2 mm and higher

- Alligator cups



Length	Spiral type
120 cm	<b>KG0610-120</b>
160 cm	<b>KG0610-160</b>
180 cm	<b>KG0610-180</b>
230 cm	<b>KG0610-230</b>
280 cm	<b>KG0610-280</b>



## Foreign Body Retriever Alligator cups Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- Alligator cups



Length	Spiral type
120 cm	<b>K0618-120</b>
160 cm	<b>K0618-160</b>
180 cm	<b>K0618-180</b>
230 cm	<b>K0618-230</b>

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For metal handle please remove the "K" from the article number.



## Foreign Body Retriever Alligator cups Ø 2,3 mm

For working channels Ø 2,8 mm and higher

- Alligator cups



Length	Spiral type
120 cm	<b>on request</b>
160 cm	<b>K0622-160</b>
180 cm	<b>K0622-180</b>
230 cm	<b>K0622-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Catheter-Applying-Forceps cups Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- For positioning of catheters



Length	Spiral type
180 cm	<b>K2224-180</b>
230 cm	<b>K2224-230</b>
300 cm	<b>K2224-300</b>

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For metal handle please remove the "K" from the article number.





## Applying-Forceps for feeding probes cups Ø 2,5 mm

For working channels Ø 2,8 mm and higher

- For positioning of feeding probes



Length	Spiral type
230 cm	standard <b>K2325-320</b>



## Foreign Body Retriever rat tooth Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- With 1x2 teeth
- Spiral sheath in different types



Length	Spiral type	
	standard	ground
120 cm	<b>K0818-120</b>	<b>KG0818-120</b>
160 cm	<b>K0818-160</b>	<b>KG0818-160</b>
180 cm	<b>K0818-180</b>	<b>KG0818-180</b>
230 cm	<b>K0818-230</b>	<b>KG0818-230</b>

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For metal handle please remove the "K" from the article number.



## Foreign Body Retriever with 1x2 teeth Ø 2,3 mm

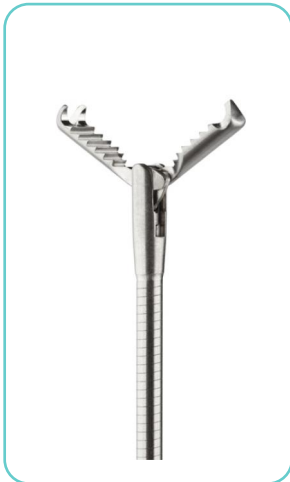
For working channels Ø 2,8 mm and higher

- With 1x2 teeth
- Spiral sheath in different types
- PTFE-coated with cleaning port



Length	Spiral type		
	standard	ground	PTFE-coated
120 cm	<b>on request</b>	<b>on request</b>	<b>on request</b>
160 cm	<b>K0822-160</b>	<b>KG0822-160</b>	<b>KX0822-160</b>
180 cm	<b>K0822-180</b>	<b>KG0822-180</b>	<b>KX0822-180</b>
230 cm	<b>K0822-230</b>	<b>KG0822-230</b>	<b>KX0822-230</b>
280 cm	<b>K0822-280</b>	<b>not available</b>	<b>not available</b>
300 cm	<b>K0822-300</b>	<b>not available</b>	<b>not available</b>

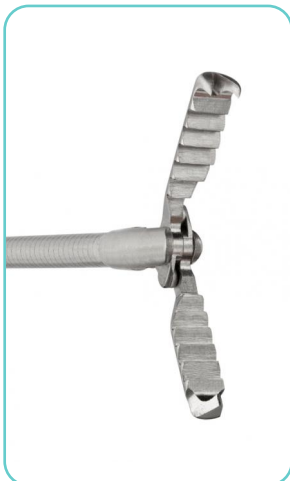
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For metal handle please remove the "K" from the article number.



## Foreign Body Retriever with 1x2 teeth Ø 2,3 mm large opening

For working channels Ø 2,8 mm and higher

- With 1x2 teeth



Length	Opening	
	14,9 mm opening	11,3 mm opening
160 cm	<b>K08122V-160</b>	<b>K08222V-160</b>
180 cm	<b>K08122V-180</b>	<b>K08222V-180</b>
230 cm	<b>K08122V-230</b>	<b>K08222V-230</b>

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For metal handle please remove the "K" from the article number.



## Foreign Body Retriever forked jaws 1x2

**Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Forked jaws with 1:2 tooth
- Jaws not totally retractable



Length	Spiral type
120 cm	<b>K1018-120</b>
160 cm	<b>K1018-160</b>
180 cm	<b>K1018-180</b>
230 cm	<b>K1018-230</b>

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## Foreign Body Retriever forked jaws 1x2

**Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Forked jaws with 1x2 teeth
- Jaws totally retractable
- Spiral sheath in different types



Length	Spiral type	
	distal ground	PTFE-coated
120 cm	<b>on request</b>	<b>on request</b>
160 cm	<b>K1022-160</b>	<b>KX1022-160</b>
180 cm	<b>K1022-180</b>	<b>KX1022-180</b>
230 cm	<b>K1022-230</b>	<b>KX1022-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Foreign Body Retriever forked jaws 2x2

**Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Forked jaws with 2x2 teeth
- Jaws not totally retractable



Length	Spiral type
120 cm	<b>K1118-120</b>
160 cm	<b>K1118-160</b>
180 cm	<b>K1118-180</b>
230 cm	<b>K1118-230</b>

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For metal handle please remove the "K" from the article number.



## Foreign Body Retriever forked jaws 2x2

**Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Forked jaws with 2x2 teeth
- Jaws totally retractable
- Spiral sheath in different types



Length	Spiral type	
	distal ground	PTFE-coated
120 cm	<b>on request</b>	<b>on request</b>
160 cm	<b>K1122-160</b>	<b>KX1122-160</b>
180 cm	<b>K1122-180</b>	<b>KX1122-180</b>
230 cm	<b>K1122-230</b>	<b>KX1122-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.





## Foreign Body Retriever - prong grasper Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- 3 prong grasper with hooks
- Jaws not totally retractable
- Available with flushable radiopaque tube



Length	Spiral type	
	distal ground	radiopaque tube
120 cm	<b>K1218-120</b>	<b>KT1218-120</b>
160 cm	<b>K1218-160</b>	<b>KT1218-160</b>
180 cm	<b>K1218-180</b>	<b>KT1218-180</b>
230 cm	<b>K1218-230</b>	<b>KT1218-230</b>

Extra charge on all Forceps of this page if supplied with a metal handle instead of a plastic handle.  
For metal handle please remove the "K" from the article number.



## Foreign Body Retriever - prong grasper Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- 3, 4 and 5 prong grasper with hooks
- Jaws not totally retractable
- Available with flushable radiopaque tube



	Length	Spiral type	
		distal ground	radiopaque tube
3 prong grasper	160 cm	<b>K1222.3-160</b>	<b>KT1222.3-160</b>
	180 cm	<b>K1222.3-180</b>	<b>KT1222.3-180</b>
	230 cm	<b>K1222.3-230</b>	<b>KT1222.3-230</b>
4 prong grasper	160 cm	<b>not available</b>	<b>KT1222.4-160</b>
	180 cm	<b>not available</b>	<b>KT1222.4-180</b>
	230 cm	<b>not available</b>	<b>KT1222.4-230</b>
5 prong grasper	160 cm	<b>not available</b>	<b>KT1222.5-160</b>
	180 cm	<b>not available</b>	<b>KT1222.5-180</b>
	230 cm	<b>not available</b>	<b>KT1222.5-230</b>



## Gastroenterology

### Foreign Body Retriever

#### Foreign Body Retriever - single use - Product Group 0034

**page**

Polyp retriever Ø 2,4 mm single use .....60



**Polyp retriever Ø 2,4 mm  
single use**

For working channels Ø 2,8 mm and higher

- 3, and 4- prong grasper with eyelets
- plastic tube



	Length	Order Number
3 prong grasper	230 cm	ET1322.3-230
4 prong grasper	230 cm	ET1322.4-230

## Gastroenterology

### Transbronchial biopsy needle



**page**

Transbronchial biopsy needle - single use - Product Group 0001 . . . . .	62-65
Transbronchial biopsy needle - reusable - Product Group 0006 . . . . .	66-69



## Gastroenterology

### Transbronchial biopsy needle

#### Transbronchial biopsy needle - single use - Product Group 0001

	<b>page</b>
Transbronchial biopsy needle Ø 0,6 mm single use .....	63
Transbronchial biopsy needle Ø 0,7 mm single use .....	64
Transbronchial biopsy needle Ø 0,9 mm single use .....	65



## Transbronchial biopsy needle Ø 0,6 mm single use

For working channels Ø 2,0 mm and higher

- Needle diameter 0,6 mm
- Needle length 12 mm or 15 mm
- Sterile packed
- packing unit 10 pieces



Needle length	Length	Type
		Plastic tube
12 mm	120 cm	<b>ET2518.12-120</b>
15 mm	120 cm	<b>ET2518.15-120</b>



## Transbronchial biopsy needle Ø 0,7 mm single use

For working channels Ø 2,8 mm and higher

- Needle diameter 0,7 mm
- Needle length 12 mm or 15 mm
- Sterile packed
- packing unit 10 pieces



Needle length	Length	Type
		Plastic tube
12 mm	120 cm	<b>ET2522.12-120</b>
15 mm	120 cm	<b>ET2522.15-120</b>





## Transbronchial biopsy needle Ø 0,9 mm single use

For working channels Ø 2,8 mm and higher

- Needle diameter 0,9 mm
- Needle length 12 mm or 15 mm
- Sterile packed
- packing unit 10 pieces



Needle length	Length	Type
		Plastic tube
12 mm	120 cm	<b>ET2622.12-120</b>
15 mm	120 cm	<b>ET2622.15-120</b>



## Gastroenterology

### Transbronchial biopsy needle

#### Transbronchial biopsy needle - reusable - Product Group 0006

	<b>page</b>
Transbronchial biopsy needle Ø 0,6 mm . . . . .	67
Transbronchial biopsy needle Ø 0,7 mm . . . . .	68
Transbronchial biopsy needle Ø 0,9 mm . . . . .	69

## Transbronchial biopsy needle Ø 0,6 mm

For working channels Ø 2,0 mm and higher

- Needle diameter 0,6 mm
- Needle length 12 mm or 15 mm
- Can be taken apart for cleaning



Needle length	Length	Type	
		Plastic tube	Metal spiral
12 mm	120 cm	<b>T2518.12-120</b>	<b>2518.12-120</b>
15 mm	120 cm	<b>T2518.15-120</b>	<b>2518.15-120</b>

## Transbronchial biopsy needle Ø 0,7 mm

For working channels Ø 2,8 mm and higher

- Needle diameter 0,7 mm
- Needle length 12 mm or 15 mm
- Can be taken apart for cleaning



Needle length	Length	Type	
		Plastic tube	Metal spiral
12 mm	120 cm	<b>T2522.12-120</b>	<b>2522.12-120</b>
15 mm	120 cm	<b>T2522.15-120</b>	<b>2522.15-120</b>

## Transbronchial biopsy needle Ø 0,9 mm

For working channels Ø 2,8 mm and higher

- Needle diameter 0,9 mm
- Needle length 12 mm or 15 mm
- Can be taken apart for cleaning



Needle length	Length	Type	
		Plastic tube	Metal spiral
12 mm	120 cm	<b>T2622.12-120</b>	<b>2622.12-120</b>
15 mm	120 cm	<b>T2622.15-120</b>	<b>2622.15-120</b>

## Gastroenterology

### Sclerosing needle



**page**

Sclerosing needle - single use - Product Group 0001 .....	71-74
Sclerosing needle - reusable - Product Group 0006 .....	75-78



## Gastroenterology

### Sclerosing needle

#### Sclerosing needle - single use - Product Group 0001

	<b>page</b>
Sclerosing needle - needle Ø 0,6 mm single use .....	72
Sclerosing needle - needle Ø 0,7 mm single use .....	73
Sclerosing needle - needle Ø 0,9 mm single use .....	74



## Sclerosing needle - needle Ø 0,6 mm single use

For working channels Ø 2,0 mm and higher

- Needle diameter 0.6 mm
- Needle length 4 mm or 6 mm
- Sterile packed
- packing unit 10 pieces



Needle length	Length	Type
		Plastic tube
4 mm	120 cm	ET2518.4-120
	160 cm	ET2518.4-160
	180 cm	ET2518.4-180
	230 cm	ET2518.4-230
6 mm	120 cm	ET2518.6-120
	160 cm	ET2518.6-160
	180 cm	ET2518.6-180
	230 cm	ET2518.6-230





## Sclerosing needle - needle Ø 0,7 mm single use

For working channels Ø 2,8 mm and higher

- Needle diameter 0,7 mm
- Needle length 4 mm or 6 mm
- Sterile packed
- packing unit 10 pieces



Needle length	Length	Type
		Plastic tube
4 mm	160 cm	ET2522.4-160
	180 cm	ET2522.4-180
	230 cm	ET2522.4-230
	300 cm	ET2522.4-300
6 mm	160 cm	ET2522.6-160
	180 cm	ET2522.6-180
	230 cm	ET2522.6-230
	300 cm	ET2522.6-300



## Sclerosing needle - needle Ø 0,9 mm single use

For working channels Ø 2,8 mm and higher

- Needle diameter 0,9 mm
- Needle length 4 mm or 6 mm
- Sterile packed
- packing unit 10 pieces



Needle length	Length	Type
		Plastic tube
4 mm	160 cm	ET2622.4-160
	180 cm	ET2622.4-180
	230 cm	ET2622.4-230
	300 cm	ET2622.4-300
6 mm	160 cm	ET2622.6-160
	180 cm	ET2622.6-180
	230 cm	ET2622.6-230
	300 cm	ET2622.6-300



## Gastroenterology

### Sclerosing needle

#### Sclerosing needle - reusable - Product Group 0006

	<b>page</b>
Sclerosing needle - needle Ø 0,6 mm .....	76
Sclerosing needle - needle Ø 0,7 mm .....	77
Sclerosing needle - needle Ø 0,9 mm .....	78

## Sclerosing needle - needle Ø 0,6 mm



For working channels Ø 2,0 mm and higher

- Needle diameter 0.6 mm
- Needle length 4 mm or 6 mm
- Can be taken apart for cleaning



Needle length	Length	Type		
		Plastic tube	plastic tube with side injection	metal spiral
4 mm	120 cm	<b>T2518.4-120</b>	<b>T2518.4S-120</b>	<b>2518.4-120</b>
	160 cm	<b>T2518.4-160</b>	<b>T2518.4S-160</b>	<b>2518.4-160</b>
	180 cm	<b>T2518.4-180</b>	<b>T2518.4S-180</b>	<b>2518.4-180</b>
	230 cm	<b>T2518.4-230</b>	<b>T2518.4S-230</b>	<b>on request</b>
6 mm	120 cm	<b>T2518.6-120</b>	<b>T2518.6S-120</b>	<b>2518.6-120</b>
	160 cm	<b>T2518.6-160</b>	<b>T2518.6S-160</b>	<b>2518.6-160</b>
	180 cm	<b>T2518.6-180</b>	<b>T2518.6S-180</b>	<b>2518.6-180</b>
	230 cm	<b>T2518.6-230</b>	<b>T2518.6S-230</b>	<b>on request</b>

## Sclerosing needle - needle Ø 0,7 mm

For working channels Ø 2,8 mm and higher

- Needle diameter 0,7 mm
- Needle length 4 mm or 6 mm
- Can be taken apart for cleaning



Needle length	Length	Type		
		Plastic tube	plastic tube with side injection	metal spiral
4 mm	160 cm	T2522.4-160	T2522.4S-160	2522.4-160
	180 cm	T2522.4-180	T2522.4S-180	2522.4-180
	230 cm	T2522.4-230	T2522.4S-230	2522.4-230
6 mm	160 cm	T2522.6-160	T2522.6S-160	2522.6-160
	180 cm	T2522.6-180	T2522.6S-180	2522.6-180
	230 cm	T2522.6-230	T2522.6S-230	2522.6-230

## Sclerosing needle - needle Ø 0,9 mm



For working channels Ø 2,8 mm and higher

- Needle diameter 0,9 mm
- Needle length 4 mm or 6 mm
- Can be taken apart for cleaning



Needle length	Length	Type		
		Plastic tube	plastic tube with side injection	metal spiral
4 mm	160 cm	T2622.4-160	T2622.4S-160	2622.4-160
	180 cm	T2622.4-180	T2622.4S-180	2622.4-180
	230 cm	T2622.4-230	T2622.4S-230	2622.4-230
6 mm	160 cm	T2622.6-160	T2622.6S-160	2622.6-160
	180 cm	T2622.6-180	T2622.6S-180	2622.6-180
	230 cm	T2622.6-230	T2622.6S-230	2622.6-230

## Gastroenterology

### Needle for Fibrin application



	<b>page</b>
Needle for Fibrin application - reusable - Product Group 0011 . . . . .	80-81
Needle for Fibrin application - single use - Product Group 0015 . . . . .	82-83



## **Gastroenterology**

### **Needle for Fibrin application**

#### **Needle for Fibrin application - reusable - Product Group 0011**

**page**

Needle for Fibrin application .....81



## Needle for Fibrin application

For working channels Ø 2,8 mm and higher

- Single or double lumina needle
- Single lumina needle exchangeable
- Needle length 6 mm
- Coloured marked connectors
- Separated Lumina for application



Needle	Length	Needle type	
		Spiky	Blunt
Single lumina	160 cm	<b>T272620-160</b>	<b>T272621-160</b>
	180 cm	<b>T272620-180</b>	<b>T272621-180</b>
	230 cm	<b>T272620-230</b>	<b>T272621-230</b>
Double lumina	160 cm	<b>T272610-160</b>	<b>T272611-160</b>
	180 cm	<b>T272610-180</b>	<b>T272611-180</b>
	230 cm	<b>T272610-230</b>	<b>T272611-230</b>



## **Gastroenterology**

### **Needle for Fibrin application**

#### **Needle for Fibrin application - single use - Product Group 0015**

	<b>page</b>
Needle for Fibrin application single use . . . . .	83

## Needle for Fibrin application single use



For working channels Ø 2,8 mm and higher

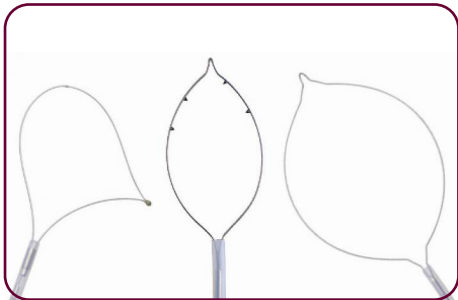
- Needle diameter 0,9 mm or without needle
- With original Aventis-Behring connector
- Sterile packed
- packing unit 10 pieces



Working length	Type	
	with needle	without needle
160 cm	ET272620-160	ET272622-160
180 cm	ET272620-180	ET272622-180
230 cm	ET272620-230	ET272622-230

## Gastroenterology

### Polypectomy snares



**page**

Polypectomy snare - single use - Product Group 0002 .....	85-90
Polypectomy snare - reusable - Product Group 0005 .....	91-114



## Gastroenterology

### Polypectomy snares

#### Polypectomy snare - single use - Product Group 0002

	<b>page</b>
Asymmetrical polypectomy snare single use - Ø 2,4 mm . . . . .	86
Symmetrical polypectomy snare single use - Ø 2,4 mm . . . . .	87
Symmetrical polypectomy snare - Export single use - Ø 2,4 mm . . . . .	88
Symmetrical mucosectomy snare single use - Ø 2,4 mm . . . . .	89
Symmetrical mucosectomy snare single use - Ø 2,4 mm . . . . .	90



## Asymmetrical polypectomy snare single use - Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- Asymmetrical snare-opening
- With Handle
- Packing unit 10 pieces



HF connection type	Length	Loop size	
		15 mm	25 mm
4 mm socket	180 cm	<b>E3222-180</b>	<b>E3322-180</b>
	230 cm	<b>E3222-230</b>	<b>E3322-230</b>
Olympus	180 cm	<b>E3222A-180</b>	<b>E3322A-180</b>
	230 cm	<b>E3222A-230</b>	<b>E3322A-230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare single use - Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- Symmetrical snare-opening
- Stiff loop wire
- Available in three loop sizes
- With Handle
- Packing unit 10 pieces



HF connection type	Length	Loop size		
		20 mm	25 mm	30 mm
4 mm socket	180 cm	E34221/55-180	E34221/65-180	E34221/75-180
	230 cm	E34221/55-230	E34221/65-230	E34221/75-230
Olympus	180 cm	E34221A/55-180	E34221A/65-180	E34221A/75-180
	230 cm	E34221A/55-230	E34221A/65-230	E34221A/75-230

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare - Export single use - Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- Symmetrical snare-opening
- Flexible loop wire
- With Handle
- Packing unit 10 pieces



HF connection type	Length	Loop size
		30 - 35 mm
Olympus	230 cm	E34221A/75-230 /EX3

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"





## Symmetrical mucosectomy snare single use - Ø 2,4 mm

For working channels Ø 2,8 mm and higher

- Symmetrical snare-opening
- Rough snare surface
- With Handle
- Packing unit 10 pieces



HF connection type	Length	Loop size	
		25 mm	30 mm
4 mm socket	180 cm	<b>E34224/65-180</b>	<b>E34224/75-180</b>
	230 cm	<b>E34224/65-230</b>	<b>E34224/75-230</b>
Olympus	180 cm	<b>E34224A/65-180</b>	<b>E34224A/75-180</b>
	230 cm	<b>E34224A/65-230</b>	<b>E34224A/75-230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical mucosectomy snare single use - Ø 2,4 mm

For working channels Ø 2,8 mm and higher



HF connection type	Length	Loop size		
		20 mm	25 mm	30 mm
Olympus	180 cm	<b>E342213A/55-180</b>	<b>E342213A/65-180</b>	<b>E342213A/75-180</b>
Anschluss	230 cm	<b>E342213A/55-230</b>	<b>E342213A/65-230</b>	<b>E342213A/75-230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Gastroenterology

### Polypectomy snares

#### Polypectomy snare - reusable - Product Group 0005

	<b>page</b>
Asymmetrical polypectomy snare Ø 15 mm opening - Ø 1,8 mm	92
Asymmetrical polypectomy snare Ø 25 mm opening - Ø 1,8 mm	93
Asymmetrical polypectomy snare Ø 25 mm opening - Ø 2,4 mm	94
Asymmetrical polypectomy snare Ø 40 mm opening - Ø 2,4 mm	95
Asymmetrical polypectomy snare Ø 60 mm opening - Ø 2,4 mm	96
Symmetrical polypectomy snare Ø 20 mm opening - Ø 1,8 mm	97
Symmetrical polypectomy snare Ø 25 mm opening - Ø 1,8 mm	98
Symmetrical polypectomy snare Ø 35 mm opening - Ø 1,8 mm	99
Symmetrical polypectomy snare Ø 20 mm opening - Ø 2,4 mm	100
Symmetrical polypectomy snare Ø 25 mm opening - Ø 2,4 mm	101
Symmetrical polypectomy snare Ø 35 mm opening - Ø 2,4 mm	102
Symmetrical polypectomy snare with thermo-coating	103
Symmetrical monofil polypectomy snare Ø 20 mm opening - Ø 2,4 mm	104
Symmetrical monofil polypectomy snare Ø 25 mm opening - Ø 2,4 mm	105
Symmetrical monofil polypectomy snare Ø 30 mm opening - Ø 2,4 mm	106
Hexagonal polypectomy snare Ø 20 mm opening - Ø 1,8 mm	107
Hexagonal polypectomy snare Ø 25 mm opening - Ø 1,8 mm	108
Hexagonal polypectomy snare Ø 35 mm opening - Ø 1,8 mm	109
Hexagonal polypectomy snare Ø 20 mm opening - Ø 2,4 mm	110
Hexagonal polypectomy snare Ø 25 mm opening - Ø 2,4 mm	111
Hexagonal polypectomy snare Ø 35 mm opening - Ø 2,4 mm	112
Symmetrical snare for mucosectomy Ø 30 mm opening - Ø 2,4 mm	113
Symmetrical snare for mucosectomy Ø 2,4 mm	114



## Asymmetrical polypectomy snare

**Ø 15 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Asymmetrical 15 mm snare-opening
- Available with rotatable snare
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>3218-160</b>	<b>7218-160</b>	<b>D3218-160</b>	<b>D7218-160</b>
	180 cm	<b>3218-180</b>	<b>7218-180</b>	<b>D3218-180</b>	<b>D7218-180</b>
	230 cm	<b>3218-230</b>	<b>7218-230</b>	<b>D3218-230</b>	<b>D7218-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Asymmetrical polypectomy snare

**Ø 25 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Asymmetrical 25 mm snare-opening
- Available with rotatable snare
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>3318-160</b>	<b>7318-160</b>	<b>D3318-160</b>	<b>D7318-160</b>
	180 cm	<b>3318-180</b>	<b>7318-180</b>	<b>D3318-180</b>	<b>D7318-180</b>
	230 cm	<b>3318-230</b>	<b>7318-230</b>	<b>D3318-230</b>	<b>D7318-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Asymmetrical polypectomy snare

**Ø 25 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Asymmetrical 25 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request	on request	on request
	180 cm	3322-180	7322-180	D3322-180	D7322-180
	230 cm	3322-230	7322-230	D3322-230	D7322-230
With isolated tip	160 cm	on request	on request	on request	on request
	180 cm	3122-180	7122-180	D3122-180	D7122-180
	230 cm	3122-230	7122-230	D3122-230	D7122-230

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Asymmetrical polypectomy snare

**Ø 40 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Asymmetrical 40 mm snare-opening
- Available with isolated tip
- Can be taken apart for cleaning
- Completely with specific handle



	Length	Standard	
		Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request
	180 cm	6522.40-180	6622.40-180
	230 cm	6522.40-230	6622.40-230
With isolated tip	160 cm	on request	on request
	180 cm	6522.401-180	6622.401-180
	230 cm	6522.401-230	6622.401-230

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Asymmetrical polypectomy snare

**Ø 60 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Asymmetrical 60 mm snare-opening
- Available with isolated tip
- Can be taken apart for cleaning
- Completely with specific handle



	Length	Standard	
		Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request
	180 cm	6522.60-180	6622.60-180
	230 cm	6522.60-230	6622.60-230
With isolated tip	160 cm	on request	on request
	180 cm	6522.601-180	6622.601-180
	230 cm	6522.601-230	6622.601-230

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"





## Symmetrical polypectomy snare

**Ø 20 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Symmetrical 20 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>34181/55-160</b>	<b>74181/55-160</b>	<b>D34181/55-160</b>	<b>D74181/55-160</b>
	180 cm	<b>34181/55-180</b>	<b>74181/55-180</b>	<b>D34181/55-180</b>	<b>D74181/55-180</b>
	230 cm	<b>34181/55-230</b>	<b>74181/55-230</b>	<b>D34181/55-230</b>	<b>D74181/55-230</b>
With isolated tip	160 cm	<b>34180/55-160</b>	<b>74180/55-160</b>	<b>D34180/55-160</b>	<b>D74180/55-160</b>
	180 cm	<b>34180/55-180</b>	<b>74180/55-180</b>	<b>D34180/55-180</b>	<b>D74180/55-180</b>
	230 cm	<b>34180/55-230</b>	<b>74180/55-230</b>	<b>D34180/55-230</b>	<b>D74180/55-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare

**Ø 25 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Symmetrical 25 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>34181/65-160</b>	<b>74181/65-160</b>	<b>D34181/65-160</b>	<b>D74181/65-160</b>
	180 cm	<b>34181/65-180</b>	<b>74181/65-180</b>	<b>D34181/65-180</b>	<b>D74181/65-180</b>
	230 cm	<b>34181/65-230</b>	<b>74181/65-230</b>	<b>D34181/65-230</b>	<b>D74181/65-230</b>
With isolated tip	160 cm	<b>34180/65-160</b>	<b>74180/65-160</b>	<b>D34180/65-160</b>	<b>D74180/65-160</b>
	180 cm	<b>34180/65-180</b>	<b>74180/65-180</b>	<b>D34180/65-180</b>	<b>D74180/65-180</b>
	230 cm	<b>34180/65-230</b>	<b>74180/65-230</b>	<b>D34180/65-230</b>	<b>D74180/65-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare

**Ø 35 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

- Symmetrical 35 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>34181/75-160</b>	<b>74181/75-160</b>	<b>D34181/75-160</b>	<b>D74181/75-160</b>
	180 cm	<b>34181/75-180</b>	<b>74181/75-180</b>	<b>D34181/75-180</b>	<b>D74181/75-180</b>
	230 cm	<b>34181/75-230</b>	<b>74181/75-230</b>	<b>D34181/75-230</b>	<b>D74181/75-230</b>
With isolated tip	160 cm	<b>34180/75-160</b>	<b>74180/75-160</b>	<b>D34180/75-160</b>	<b>D74180/75-160</b>
	180 cm	<b>34180/75-180</b>	<b>74180/75-180</b>	<b>D34180/75-180</b>	<b>D74180/75-180</b>
	230 cm	<b>34180/75-230</b>	<b>74180/75-230</b>	<b>D34180/75-230</b>	<b>D74180/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare

**Ø 20 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Symmetrical 20 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request	on request	on request
	180 cm	34221/55-180	74221/55-180	D34221/55-180	D74221/55-180
	230 cm	34221/55-230	74221/55-230	D34221/55-230	D74221/55-230
With isolated tip	160 cm	on request	on request	on request	on request
	180 cm	34220/55-180	74220/55-180	D34220/55-180	D74220/55-180
	230 cm	34220/55-230	74220/55-230	D34220/55-230	D74220/55-230

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare

**Ø 25 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Symmetrical 25 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request	on request	on request
	180 cm	34221/65-180	74221/65-180	D34221/65-180	D74221/65-180
	230 cm	34221/65-230	74221/65-230	D34221/65-230	D74221/65-230
With isolated tip	160 cm	on request	on request	on request	on request
	180 cm	34220/65-180	74220/65-180	D34220/65-180	D74220/65-180
	230 cm	34220/65-230	74220/65-230	D34220/65-230	D74220/65-230

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare

**Ø 35 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Symmetrical 35 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>not available</b>	<b>not available</b>	<b>not available</b>	<b>not available</b>
	180 cm	<b>34221/75-180</b>	<b>74221/75-180</b>	<b>D34221/75-180</b>	<b>D74221/75-180</b>
	230 cm	<b>34221/75-230</b>	<b>74221/75-230</b>	<b>D34221/75-230</b>	<b>D74221/75-230</b>
With isolated tip	160 cm	<b>not available</b>	<b>not available</b>	<b>not available</b>	<b>not available</b>
	180 cm	<b>34220/75-180</b>	<b>74220/75-180</b>	<b>D34220/75-180</b>	<b>D74220/75-180</b>
	230 cm	<b>34220/75-230</b>	<b>74220/75-230</b>	<b>D34220/75-230</b>	<b>D74220/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical polypectomy snare with thermo-coating

For working channels Ø 2,8 mm and higher

- Lower HF-power because of special thermo-coating
- Symmetrical 30 mm snare-opening
- Can be taken apart for cleaning



	Length	Standard
		Tube with snare
Without isolated tip	160 cm	<b>on request</b>
	180 cm	<b>34223/75-180</b>
	230 cm	<b>34223/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical monofil polypectomy snare

**Ø 20 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Monofil snare
- Symmetrical 20 mm snare-opening
- Available with rotatable snare
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>on request</b>	<b>on request</b>	<b>on request</b>	<b>on request</b>
	180 cm	<b>34221M/55-180</b>	<b>74221M/55-180</b>	<b>D34221M/55-180</b>	<b>D74221M/55-180</b>
	230 cm	<b>34221M/55-230</b>	<b>74221M/55-230</b>	<b>D34221M/55-230</b>	<b>D74221M/55-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"





## Symmetrical monofil polypectomy snare

**Ø 25 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Monofil snare
- Symmetrical 25 mm snare-opening
- Available with rotatable snare
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>on request</b>	<b>on request</b>	<b>on request</b>	<b>on request</b>
	180 cm	<b>34221M/65-180</b>	<b>74221M/65-180</b>	<b>D34221M/65-180</b>	<b>D74221M/65-180</b>
	230 cm	<b>34221M/65-230</b>	<b>74221M/65-230</b>	<b>D34221M/65-230</b>	<b>D74221M/65-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical monofil polypectomy snare

**Ø 30 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

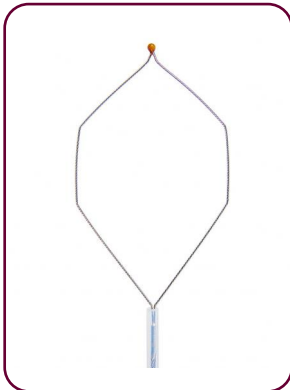
- Monofil snare
- Symmetrical 30 mm snare-opening
- Available with rotatable snare
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>on request</b>	<b>on request</b>	<b>on request</b>	<b>on request</b>
	180 cm	<b>34221M/75-180</b>	<b>74221M/75-180</b>	<b>D34221M/75-180</b>	<b>D74221M/75-180</b>
	230 cm	<b>34221M/75-230</b>	<b>74221M/75-230</b>	<b>D34221M/75-230</b>	<b>D74221M/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Hexagonal polypectomy snare

**Ø 20 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

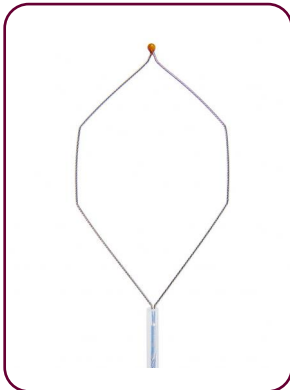
- Hexagonal 20 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>37180/55-160</b>	<b>77180/55-160</b>	<b>D37180/55-160</b>	<b>D77180/55-160</b>
	180 cm	<b>37180/55-180</b>	<b>77180/55-180</b>	<b>D37180/55-180</b>	<b>D77180/55-180</b>
	230 cm	<b>37180/55-230</b>	<b>77180/55-230</b>	<b>D37180/55-230</b>	<b>D77180/55-230</b>
With isolated tip	160 cm	<b>38180/55-160</b>	<b>78180/55-160</b>	<b>D38180/55-160</b>	<b>D78180/55-160</b>
	180 cm	<b>38180/55-180</b>	<b>78180/55-180</b>	<b>D38180/55-180</b>	<b>D78180/55-180</b>
	230 cm	<b>38180/55-230</b>	<b>78180/55-230</b>	<b>D38180/55-230</b>	<b>D78180/55-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Hexagonal polypectomy snare

**Ø 25 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

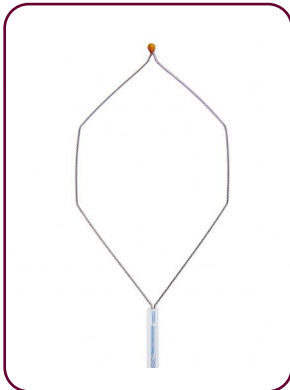
- Hexagonal 25 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>37180/65-160</b>	<b>77180/65-160</b>	<b>D37180/65-160</b>	<b>D77180/65-160</b>
	180 cm	<b>37180/65-180</b>	<b>77180/65-180</b>	<b>D37180/65-180</b>	<b>D77180/65-180</b>
	230 cm	<b>37180/65-230</b>	<b>77180/65-230</b>	<b>D37180/65-230</b>	<b>D77180/65-230</b>
With isolated tip	160 cm	<b>38180/65-160</b>	<b>78180/65-160</b>	<b>D38180/65-160</b>	<b>D78180/65-160</b>
	180 cm	<b>38180/65-180</b>	<b>78180/65-180</b>	<b>D38180/65-180</b>	<b>D78180/65-180</b>
	230 cm	<b>38180/65-230</b>	<b>78180/65-230</b>	<b>D38180/65-230</b>	<b>D78180/65-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Hexagonal polypectomy snare

**Ø 35 mm opening - Ø 1,8 mm**

For working channels Ø 2,0 mm and higher

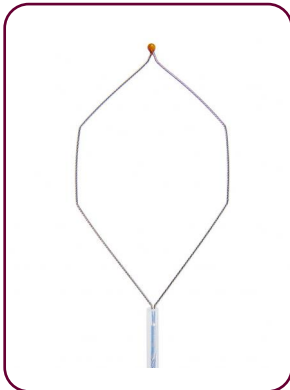
- Hexagonal 35 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	<b>37180/75-160</b>	<b>77180/75-160</b>	<b>D37180/75-160</b>	<b>D77180/75-160</b>
	180 cm	<b>37180/75-180</b>	<b>77180/75-180</b>	<b>D37180/75-180</b>	<b>D77180/75-180</b>
	230 cm	<b>37180/75-230</b>	<b>77180/75-230</b>	<b>D37180/75-230</b>	<b>D77180/75-230</b>
With isolated tip	160 cm	<b>38180/75-160</b>	<b>78180/75-160</b>	<b>D38180/75-160</b>	<b>D78180/75-160</b>
	180 cm	<b>38180/75-180</b>	<b>78180/75-180</b>	<b>D38180/75-180</b>	<b>D78180/75-180</b>
	230 cm	<b>38180/75-230</b>	<b>78180/75-230</b>	<b>D38180/75-230</b>	<b>D78180/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Hexagonal polypectomy snare

**Ø 20 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

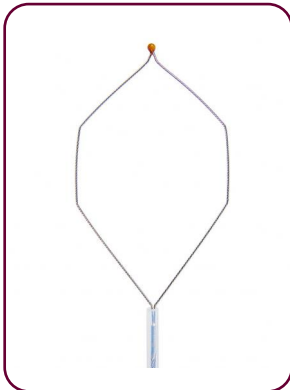
- Hexagonal 20 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request	on request	on request
	180 cm	<b>37220/55-180</b>	<b>77220/55-180</b>	<b>D37220/55-180</b>	<b>D77220/55-180</b>
	230 cm	<b>37220/55-230</b>	<b>77220/55-230</b>	<b>D37220/55-230</b>	<b>D77220/55-230</b>
With isolated tip	160 cm	on request	on request	on request	on request
	180 cm	<b>38220/55-180</b>	<b>78220/55-180</b>	<b>D38220/55-180</b>	<b>D78220/55-180</b>
	230 cm	<b>38220/55-230</b>	<b>78220/55-230</b>	<b>D38220/55-230</b>	<b>D78220/55-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Hexagonal polypectomy snare

**Ø 25 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

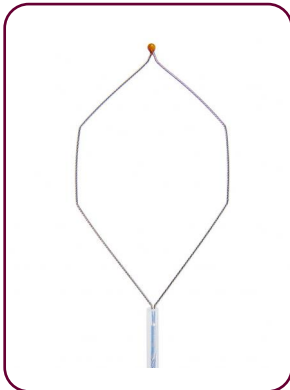
- Hexagonal 25 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request	on request	on request
	180 cm	37220/65-180	77220/65-180	D37220/65-180	D77220/65-180
	230 cm	37220/65-230	77220/65-230	D37220/65-230	D77220/65-230
With isolated tip	160 cm	on request	on request	on request	on request
	180 cm	38220/65-180	78220/65-180	D38220/65-180	D78220/65-180
	230 cm	38220/65-230	78220/65-230	D38220/65-230	D78220/65-230

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Hexagonal polypectomy snare

**Ø 35 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Hexagonal 35 mm snare-opening
- Available with rotatable snare
- Available with isolated tip
- Can be taken apart for cleaning



	Length	Standard		Rotatable	
		Tube with snare	Spare-snare	Tube with snare	Spare-snare
Without isolated tip	160 cm	on request	on request	on request	on request
	180 cm	<b>37220/75-180</b>	<b>77220/75-180</b>	<b>D37220/75-180</b>	<b>D77220/75-180</b>
	230 cm	<b>37220/75-230</b>	<b>77220/75-230</b>	<b>D37220/75-230</b>	<b>D77220/75-230</b>
With isolated tip	160 cm	on request	on request	on request	on request
	180 cm	<b>38220/75-180</b>	<b>78220/75-180</b>	<b>D38220/75-180</b>	<b>D78220/75-180</b>
	230 cm	<b>38220/75-230</b>	<b>78220/75-230</b>	<b>D38220/75-230</b>	<b>D78220/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"





## Symmetrical snare for mucosectomy

**Ø 30 mm opening - Ø 2,4 mm**

For working channels Ø 2,8 mm and higher

- Symmetrical 30 mm snare-opening
- Flexible snare
- Can be taken apart for cleaning



	Length	Standard
		Tube with snare
Without isolated tip	230 cm	<b>34226/75-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Symmetrical snare for mucosectomy

Ø 2,4 mm

For working channels Ø 2,8 mm



Luer-Lock connection	Loop size		
	20 mm	25 mm	30 mm
180 cm	<b>3422153-180</b>	<b>3422163-180</b>	<b>3422173-180</b>
230 cm	<b>3422153-230</b>	<b>3422163-230</b>	<b>3422173-230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"

## Gastroenterology

### Cleaning brushes



**page**

Cleaning brush - single use - Product Group 0035 .....	116-120
Cleaning brushes - reusable - Product Group 0004 .....	121-122



## Gastroenterology

### Cleaning brushes

#### Cleaning brush - single use - Product Group 0035

	<b>page</b>
Combination Cleaning brush - single use . . . . .	117
Cleaningbrush single use . . . . .	118
Cleaningbrush single use . . . . .	119
Cleaning brush - single use . . . . .	120



## Combination Cleaning brush - single use

- Valve cleaning brush + cleaning brush
- double-sided brush  $\varnothing$  5mm +  $\varnothing$  11mm
- plastic tip for protection



	Length	For working channels
		ab $\varnothing$ 2,8 mm
double sided	230 cm	<b>EB41222-230</b>



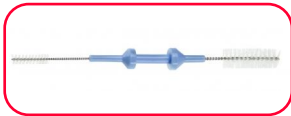
## Cleaningbrush single use

- With double-sided brush
- Ø 4,5 mm + 12 mm



Order number

V01-E



## Cleaningbrush single use

- With double-sided brush
- Ø 5 mm + 11 mm



Order number

V04-E

## Cleaning brush - single use



- double-sided brush
- plastic tip for protection
- different working channels



	Length	For working channels	
		ab Ø 2,0 mm	ab Ø 2,8 mm
	120 cm	<b>EB4118-120</b>	<b>On request</b>
	160 cm	<b>On request</b>	<b>EB4122-160</b>
double sided	180 cm	<b>On request</b>	<b>On request</b>
	230 cm	<b>EB4118-230</b>	<b>EB4122-230</b>
	280 cm	<b>EB4118-280</b>	<b>EB4122-280</b>





## Gastroenterology

### Cleaning brushes

#### Cleaning brushes - reusable - Product Group 0004

page

Cleaning brush ..... 122

## Cleaning brush



- With single- oder double-sided brush
- Flexible distal tip
- For different working channels



	Length	For working channel		
		Ø 2,0 mm and higher	Ø 2,6 mm and higher	Ø 3,2 mm and higher
Single-sided	120 cm	<b>F4118-120</b>	<b>F4122-120</b>	<b>F4122.6-120</b>
	160 cm	<b>F4118-160</b>	<b>F4122-160</b>	<b>F4122.6-160</b>
	180 cm	<b>F4118-180</b>	<b>F4122-180</b>	<b>F4122.6-180</b>
	230 cm	<b>F4118-230</b>	<b>F4122-230</b>	<b>F4122.6-230</b>
Double-sided	120 cm	<b>BS4118-120</b>	<b>BS4122-120</b>	<b>BS4122.6-120</b>
	160 cm	<b>BS4118-160</b>	<b>BS4122-160</b>	<b>BS4122.6-160</b>
	180 cm	<b>BS4118-180</b>	<b>BS4122-180</b>	<b>BS4122.6-180</b>
	230cm	<b>BS4118-230</b>	<b>BS4122-230</b>	<b>BS4122.6-230</b>

## Gastroenterology

### Cytology brush for single-use



**page**

Cytology brush - single use - Product Group 0003 ..... 124-125



## **Gastroenterology**

### **Cytology brush for single-use**

#### **Cytology brush - single use - Product Group 0003**

**page**

Cytology brush for single-use ..... 125



## Cytology brush for single-use

- With plastic tube
- Brush totally retractable
- With ball for tube sealing
- Single sterile packed
- Packing unit 10 pieces



Length	For working channel	
	Ø 2,0 mm and higher	Ø 2,8 mm and higher
120 cm	<b>E4218-120</b>	<b>E4222-120</b>
160 cm	<b>E4218-160</b>	<b>E4222-160</b>
180 cm	<b>E4218-180</b>	<b>E4222-180</b>
230 cm	<b>E4218-230</b>	<b>E4222-230</b>

## Gastroenterology

### Stone basket



**page**

Stone basket - reusable - Product Group 0030 ..... 127-135



## Gastroenterology

### Stone basket

#### Stone basket - reusable - Product Group 0030

	<b>page</b>
Stone basket 4-fold turned . . . . .	128
Stone basket 6-fold turned . . . . .	129
Stone basket 8-fold turned . . . . .	130
Stone basket 4-fold diamond construction . . . . .	131
Stone basket 6-fold diamond construction . . . . .	132
Stone basket 8-fold diamond construction . . . . .	133
Stone basket 4-fold with guide wire . . . . .	134
Stone basket 6-fold with guide wire . . . . .	135



## Stone basket 4-fold turned

- Turned version
- 4 wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle



Basket type	Basket diameter	For working channels ... and higher	
		2,0 mm	2,8 mm
Multifile wire	10 mm	<b>104.318</b>	<b>on request</b>
	15 mm	<b>104.418</b>	<b>104.424</b>
	23 mm	<b>104.518</b>	<b>104.524</b>
	30 mm	<b>on request</b>	<b>104.624</b>
	35 mm	<b>on request</b>	<b>104.724</b>
Monofile wire	10 mm	<b>114.318</b>	<b>on request</b>
	15 mm	<b>114.418</b>	<b>114.424</b>
	20 mm	<b>114.518</b>	<b>114.524</b>
	30 mm	<b>on request</b>	<b>114.624</b>
	35 mm	<b>on request</b>	<b>114.724</b>





## Stone basket 6-fold turned

- Turned version
- 6 wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle



Basket type	Basket diameter	For working channels ... and higher	
		2,0 mm	2,8 mm
Multifile wire	10 mm	not available	not available
	15 mm	not available	106.424
	23 mm	not available	106.524
	30 mm	not available	106.624
	35 mm	not available	106.724
Monofile wire	10 mm	116.318	not available
	15 mm	116.418	116.424
	20-23 mm	116.518	116.524
	30 mm	not available	116.624
	35 mm	not available	116.724



## Stone basket 8-fold turned

- Turned version
- 8 wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle



Basket type	Basket diameter	For working channels ... and higher	
		2,0 mm	2,8 mm
Multifile wire	15 mm	not available	108.424
	23 mm	not available	108.524
	30 mm	not available	108.624
	35 mm	not available	108.724
Monofile wire	15 mm	not available	118.424
	20 mm	not available	118.524
	30 mm	not available	118.624
	35 mm	not available	118.724



## Stone basket 4-fold diamond construction

- Diamond construction
- 4 wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle



Basket type	Basket diameter	For working channels ... and higher	
		2,0 mm	2,8 mm
Multifile wire	10 mm	<b>204.318</b>	<b>on request</b>
	15 mm	<b>204.418</b>	<b>204.424</b>
	23 mm	<b>204.518</b>	<b>204.524</b>
	30 mm	<b>204.618</b>	<b>204.624</b>
	35 mm	<b>204.718</b>	<b>204.724</b>
Monofile wire	10 mm	<b>214.318</b>	<b>on request</b>
	15 mm	<b>214.418</b>	<b>214.424</b>
	20 mm	<b>214.518</b>	<b>214.524</b>
	30 mm	<b>214.618</b>	<b>214.624</b>
	35 mm	<b>214.718</b>	<b>214.724</b>



## Stone basket 6-fold diamond construction

- Diamond construction
- 6 wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle



Basket type	Basket diameter	For working channels ... and higher	
		2,0 mm	2,8 mm
Multifile wire	15 mm	not available	206.424
	23 mm	not available	206.524
	30 mm	not available	206.624
	35 mm	not available	206.724
Monofile wire	10 mm	216.318	on request
	15 mm	216.418	216.424
	20 mm	216.518	216.524
	30 mm	not available	216.624
	35 mm	not available	216.724



## Stone basket 8-fold diamond construction

- Diamond construction
- 8 wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle

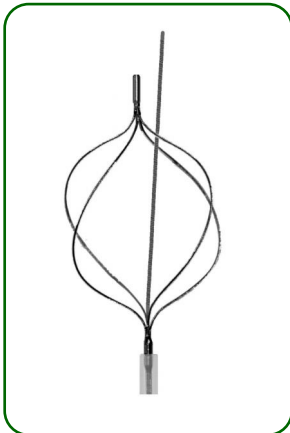


Basket type	Basket diameter	For working channels ... and higher	
		2,0 mm	2,8 mm
Multifile wire	15 mm	not available	208.424
	23 mm	not available	208.524
	30 mm	not available	208.624
	35 mm	not available	208.724
Monofile wire	15 mm	not available	218.424
	20-23 mm	not available	218.524
	30 mm	not available	218.624
	35 mm	not available	218.724

## Stone basket 4-fold with guide wire

For working channels Ø 2,8 mm and higher

- Turned and diamond version
- Can be used with guide wire 0,035 inch / 400 cm
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle

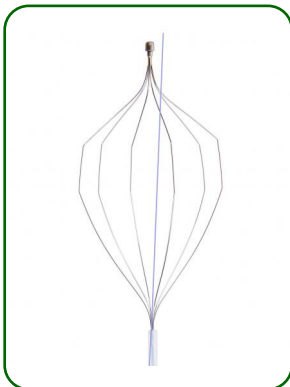
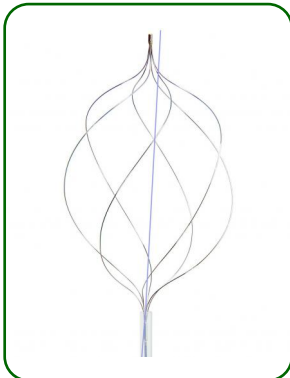


Basket type	Basket diameter	Construction of stone basket	
		monofile wire	multifile wire
Turned version	15 mm	304.426	304.426.1
	20 mm	304.526	304.526.1
	30 mm	304.626	304.626.1
	35 mm	304.726	304.726.1
Diamond Construction	15 mm	404.426	404.426.1
	20 mm	404.526	404.526.1
	30 mm	404.626	404.626.1
	35 mm	404.726	404.726.1

## Stone basket 6-fold with guide wire

For working channels Ø 2,8 mm and higher

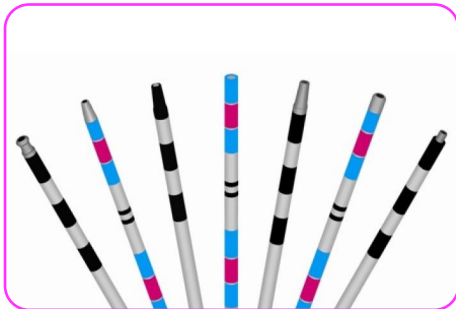
- Turned and diamond version
- Can be used with guide wire 0,035 inch / 400 cm
- 6 monofile wires
- With Luer Lok port for contrast medium and cleaning
- Can be taken apart for cleaning
- With handle



Basket type	Basket diameter	For working channels
		2,8 mm
Turned version	15 mm	<b>306.426</b>
	20 mm	<b>306.526</b>
	30 mm	<b>306.626</b>
	35 mm	<b>306.726</b>
Diamond Construction	15 mm	<b>406.426</b>
	20 mm	<b>406.526</b>
	30 mm	<b>406.626</b>
	35 mm	<b>406.726</b>

## Gastroenterology

### Catheter for ERCP



**page**

Catheter for ERCP - single use - Product Group 0012 . . . . .	137-139
Catheter for ERCP - reusable - Product Group 0013 . . . . .	140-145



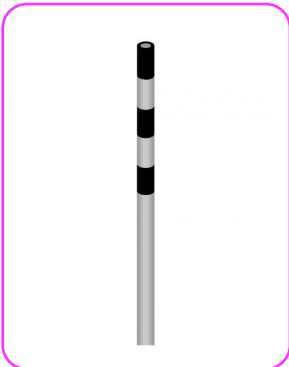


## Gastroenterology

### Catheter for ERCP

#### Catheter for ERCP - single use - Product Group 0012

	<b>page</b>
Catheter for ERCP - single use . . . . .	138
Catheter for ERCP with tapered tip single use . . . . .	139

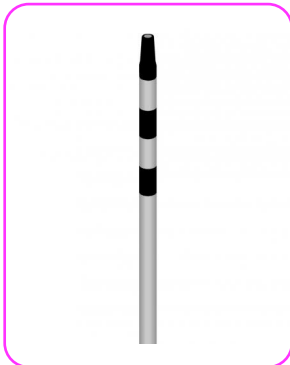


## Catheter for ERCP - single use

- ERCP Catheter with standard tip - x-ray marking
- Complete with Mandrin
- Black coloured marking
- Usable with guide wire
- Working length 200 cm
- Single sterile packed
- Packing unit 5 pieces



For working channels .. and higher	Marking
	threefold black
Ø 2,0 mm	<b>E4318.1</b>



## Catheter for ERCP with tapered tip single use

- ERCP Catheter with tapered tip - x-ray marking
- Complete with Mandrin
- Black coloured marking
- Usable with guide wire
- Working length 200 cm
- Single sterile packed
- Packing unit 5 pieces



For working channels .. and higher	Marking
	threefold black
Ø 2,0 mm	<b>E4418.1</b>



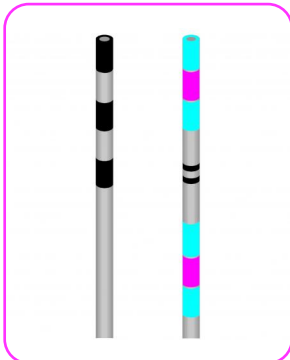
## Gastroenterology

### Catheter for ERCP

#### Catheter for ERCP - reusable - Product Group 0013

	<b>page</b>
Catheter for ERCP - standard . . . . .	141
Catheter for ERCP with tapered tip . . . . .	142
Catheter for ERCP with tapered metal tip . . . . .	143
Catheter for ERCP with round metal tip . . . . .	144
Catheter for ERCP with bottle shaped metal tip . . . . .	145

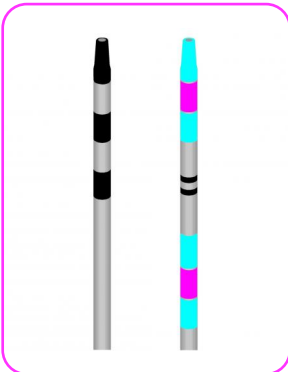
## Catheter for ERCP - standard



- ERCP Catheter with standard tip
- With double-LL-connector and Mandrin
- Usable with guide wire
- Working length 200 cm



For working channels .. and higher	Connector	For guide wire	Marking	
			threefold black	coloured
Ø 1,8 mm	Standard	0,025 inch - 400 cm	<b>4316</b>	<b>C4316</b>
Ø 2,0 mm	Standard	0,035 inch - 400 cm	<b>4318</b>	<b>C4318</b>
Ø 2,8 mm	Distal tapered to Ø 1,8 mm Extra port for guide wire	0,035 inch - 400 cm	<b>4322F</b>	<b>C4322F</b>



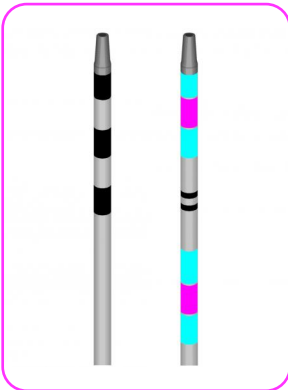
## Catheter for ERCP with tapered tip

- ERCP Catheter with tapered tip
- With double-LL-connector and Mandrin
- Usable with guide wire
- Working length 200 cm



For working channels .. and higher	Connector	For guide wire	Marking	
			threefold black	coloured
Ø 1,8 mm	Standard	0,025 inch - 400 cm	<b>4416</b>	<b>C4416</b>
Ø 2,0 mm	Standard	0,035 inch - 400 cm	<b>4418</b>	<b>C4418</b>
Ø 2,8 mm	Distal tapered to Ø 1,8 mm Extra port for guide wire	0,035 inch - 400 cm	<b>4422F</b>	<b>C4422F</b>

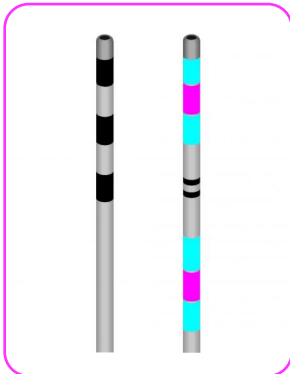
## Catheter for ERCP with tapered metal tip



- ERCP Catheter with tapered metal tip
- With double-LL-connector and Mandrin
- Usable with guide wire
- Working length 200 cm



For working channels .. and higher	Connector	For guide wire	Marking	
			threefold black	coloured
Ø 1,8 mm	Standard	0,025 inch - 400 cm	<b>4616</b>	<b>C4616</b>
	Standard	0,035 inch - 400 cm	<b>4618</b>	<b>C4618</b>
Ø 2,8 mm	Distal tapered to Ø 1,8 mm Extra port for guide wire	0,035 inch - 400 cm	<b>4622F</b>	<b>C4622F</b>



## Catheter for ERCP with round metal tip

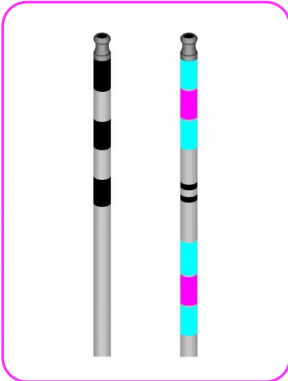
- ERCP Catheter with round metal tip
- With double-LL-connector and Mandrin
- Usable with guide wire
- Working length 200 cm



For working channels .. and higher	Connector	For guide wire	Marking	
			threefold black	coloured
Ø 1,8 mm	Standard	0,025 inch - 400 cm	<b>4716</b>	<b>C4716</b>
	Standard	0,035 inch - 400 cm	<b>4718</b>	<b>C4718</b>
Ø 2,8 mm	Distal tapered to Ø 1,8 mm Extra port for guide wire	0,035 inch - 400 cm	<b>4722F</b>	<b>C4722F</b>



## Catheter for ERCP with bottle shaped metal tip



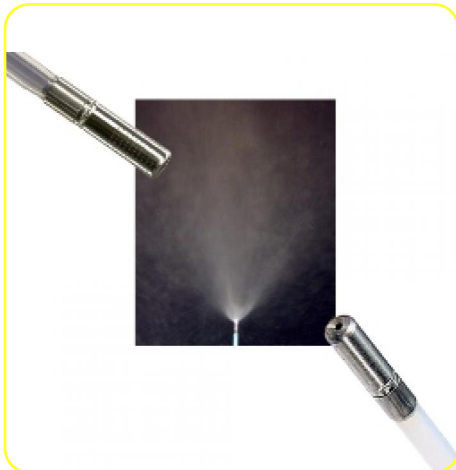
- ERCP Catheter with bottle shaped metal tip
- With double-LL-connector and Mandrin
- Usable with guide wire
- Working length 200 cm



For working channels .. and higher	Connector	For guide wire	Marking	
			threefold black	coloured
Ø 1,8 mm	Standard	0,025 inch - 400 cm	<b>4816</b>	<b>C4816</b>
Ø 2,0 mm	Standard	0,035 inch - 400 cm	<b>4818</b>	<b>C4818</b>
Ø 2,8 mm	Distal tapered to Ø 1,8 mm Extra port for guide wire	0,035 inch - 400 cm	<b>4822F</b>	<b>C4822F</b>

## Gastroenterology

### Probes for chromoendoscopy



**page**

Probe for the Chromoendoscopy - single use - Product Group 0012 . . . . .	147-148
Probe for the Chromoendoscopy - reusable - Product Group 0013 . . . . .	149-151



## **Gastroenterology**

### **Probes for chromoendoscopy**

#### **Probe for the Chromoendoscopy - single use - Product Group 0012**

**page**

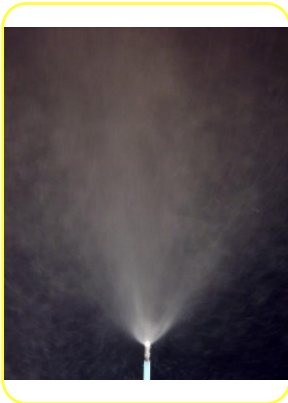
Axial spray probe for the Chromoendoscopy single use ..... 148



## Axial spray probe for the Chromoendoscopy single use

For working channels  $\varnothing$  1,8 mm and higher

- Axial spraying



Length	Order number
120 cm	E47185-120
160 cm	E47185-160
180 cm	E47185-180
230 cm	E47185-230



## Gastroenterology

### Probes for chromoendoscopy

#### Probe for the Chromoendoscopy - reusable - Product Group 0013

	<b>page</b>
Axial spray probe for the Chromoendoscopy . . . . .	150
Radial spray probe for the Chromoendoscopy . . . . .	151

## Axial spray probe for the Chromoendoscopy



For working channels  $\varnothing$  1,8 mm and higher

- Axial spraying



Length	Order number
120 cm	47185-120
160 cm	47185-160
180 cm	47185-180
230 cm	47185-230



## Radial spray probe for the Chromoendoscopy

For working channels  $\varnothing$  2,8 mm and higher

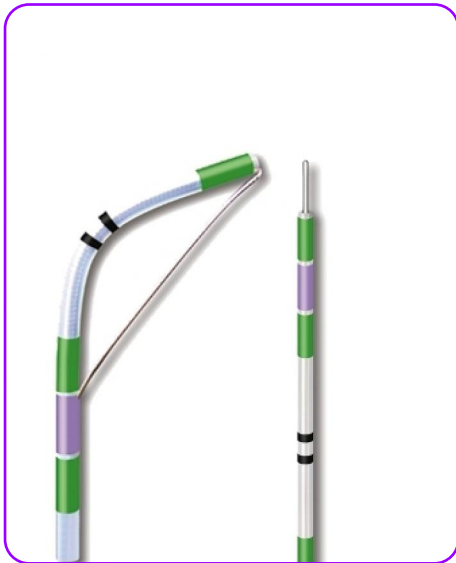
- Radial spraying



Length	Order number
160 cm	47226-160
180 cm	47226-180
230 cm	47226-230

## Gastroenterology

### Sphincterotome



**page**

Sphincterotome - single use - Product Group 0042 .....	153-156
Sphincterotome - reusable - Product Group 0041 .....	157-163





## Gastroenterology

### Sphincterotome

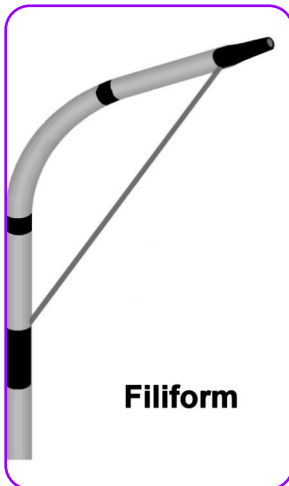
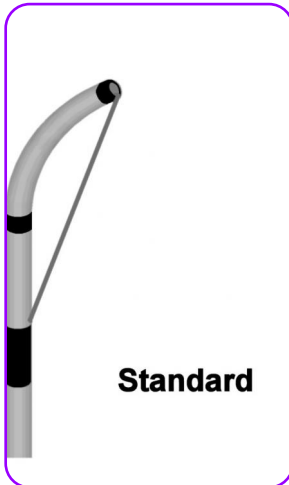
#### Sphincterotome - single use - Product Group 0042

	<b>page</b>
Sphincterotome Ø 1,8 mm - Single Use single lumen . . . . .	154
Sphincterotome Ø 2,2 mm - Single Use double lumen - for guide wire 0,035 . . . . .	155
Sphincterotome Ø 2,2 mm - Single Use triple lumen - for guide wire 0,025 . . . . .	156

## Sphincterotome Ø 1,8 mm - Single Use single lumen

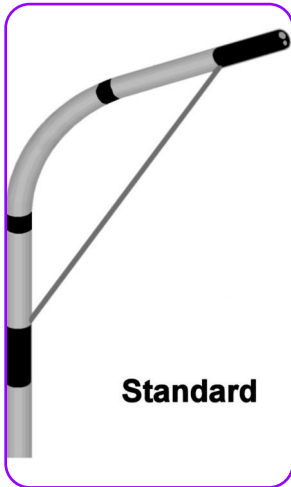
For working channels Ø 2,0 mm and higher

- Cutting area is black marked
- Spiral reinforced
- With fixed handle
- With side port for contrast medium and cleaning
- Single sterile packed
- Packing unit 5 pieces



Pre-Cut	Version	Cutting length	
		20 mm	30 mm
No	Standard	<b>E4021820</b>	<b>E4021830</b>
	Tapered Tip	<b>E4121820</b>	<b>E4121830</b>
Yes	Tapered Tip	<b>E4001820</b>	<b>E4001830</b>

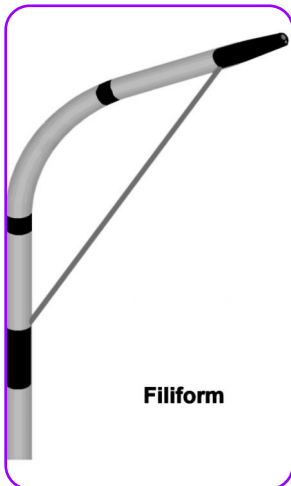
Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Sphincterotome Ø 2,2 mm - Single Use double lumen - for guide wire 0,035

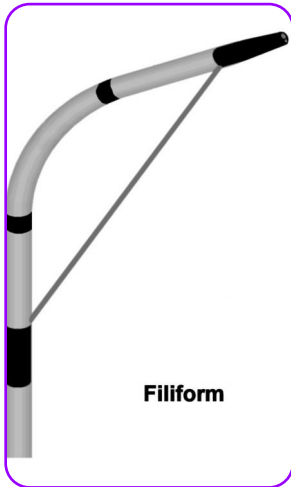
For working channels Ø 2,8 mm and higher

- Distal tapered to Ø 1,8 mm
- Cutting area is black marked
- With fixed handle
- For guide wire 0,035 inch - 400 cm
- With side port for contrast medium and cleaning
- Single sterile packed
- Packing unit 5 pieces



Precut	Version	Cutting length	
		20 mm	30 mm
No	Standard	<b>E5002220</b>	<b>E5002230</b>
	Tapered Tip	<b>E5102220</b>	<b>E5102230</b>
Yes	Standard	<b>E5012220</b>	<b>E5012230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Sphincterotome Ø 2,2 mm - Single Use triple lumen - for guide wire 0,025

For working channels Ø 2,8 mm and higher

- Distal tapered to Ø 1,8 mm
- Cutting area is black marked
- With fixed handle
- For guide wire 0,025 inch - 400 cm
- With side port for contrast medium and cleaning
- Single sterile packed
- Packing unit 5 pieces



Precut	Version	Cutting length	
		20 mm	30 mm
No	Taperes tip	<b>E5312220</b>	<b>E5312230</b>
Yes	Standard	<b>E5402220</b>	<b>E5402230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"

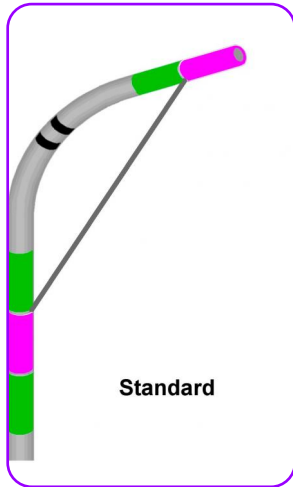


## Gastroenterology

### Sphincterotome

#### Sphincterotome - reusable - Product Group 0041

	<b>page</b>
Sphincterotome Ø 1,8 mm standard single lumen . . . . .	158
Sphincterotome Ø 1,8 mm with tapered tip single lumen . . . . .	159
Sphincterotome Ø 1,8 mm - straight single lumen . . . . .	160
Sphincterotome Ø 2,2 mm for guide wire 0,035 single lumen . . . . .	161
Sphincterotome Ø 2,2 mm for guide wire 0,035 double lumen . . . . .	162
Sphincterotome for B-II-Stomach single lumen . . . . .	163

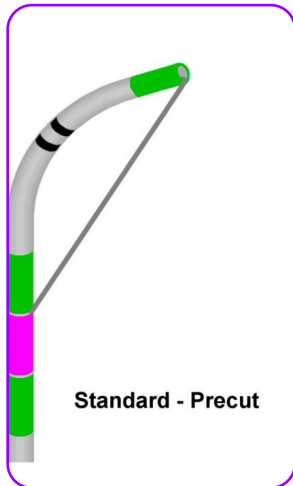


Standard

## Sphincterotome Ø 1,8 mm standard single lumen

For working channels Ø 2,0 mm and higher

- Cutting area is coloured marked
- Spiral reinforced
- With side port for contrast medium and cleaning
- With Luer Lock port for handle 6200LL and 6201LL

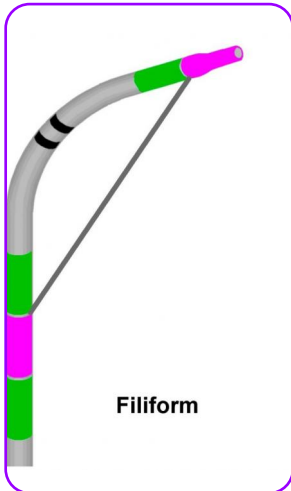


Standard - Precut



Pre-Cut	Version	Cutting length	
		20 mm	30 mm
No	Standard	<b>4001820</b>	<b>4001830</b>
	11 o'clock cutting	<b>4011820</b>	<b>4011830</b>
Yes	Standard	<b>4021820</b>	<b>4021820</b>
	11 o'clock cutting	<b>4031820</b>	<b>4031830</b>

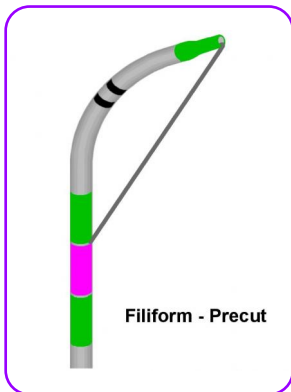
Required accessories: Handle and cable  
 Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"  
 Also available with fixed handle. Please add a "K" in front of the article number.



## Sphincterotome Ø 1,8 mm with tapered tip single lumen

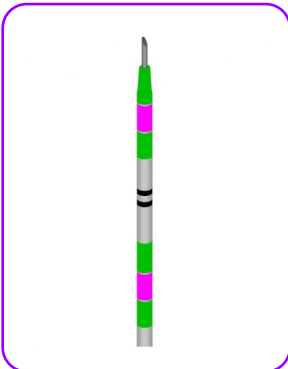
For working channels Ø 2,0 mm and higher

- Cutting area is coloured marked
- Spiral reinforced
- With side port for contrast medium and cleaning
- With Luer Lock port for handle 6200LL and 6201LL



Pre-Cut	Version	Cutting length	
		20 mm	30 mm
No	Tapered tip	<b>4101820</b>	<b>4101830</b>
	11 o'clock cutting	<b>4111820</b>	<b>4111830</b>
Yes	Tapered tip	<b>4121820</b>	<b>4121830</b>
	11 o'clock cutting	<b>4131820</b>	<b>4131830</b>

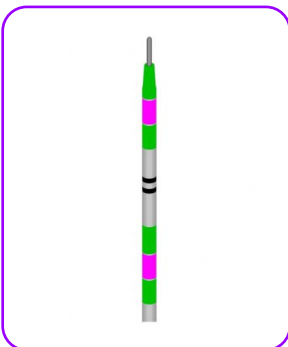
Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"  
Also available with fixed handle. Please add a "K" in front of the article number.



## Sphincterotome Ø 1,8 mm - straight single lumen

For working channel Ø 2,0 mm an higher

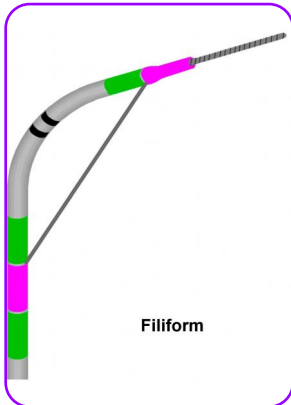
- Cutting area is coloured marked
- With Luer Lock port for handle 6200LL and 6201LL



Version	Order No.
Needle type	46018
Knife type	47018

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"  
Also available with fixed handle. Please add a "K" in front of the article number.

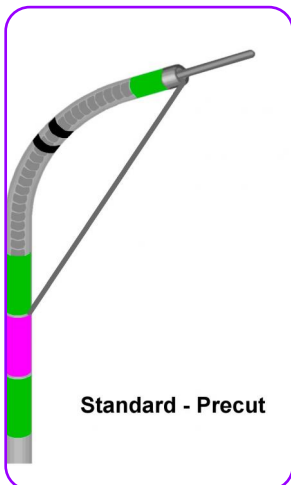




## Sphincterotome Ø 2,2 mm for guide wire 0,035 single lumen

For working channels Ø 2,8 mm and higher

- Distal tapered to Ø 1,8 mm
- Cutting area is coloured marked
- Spiral reinforced
- For guide wire 0,035 inch - 400 cm
- With side port for contrast medium and cleaning
- With Luer Lock port for handle 6200LL and 6201LL

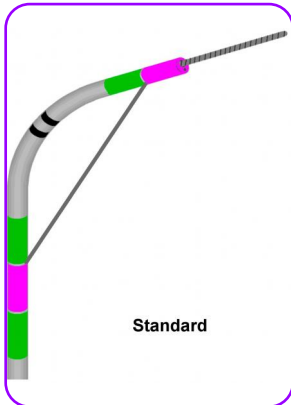


Precut	Version	Cutting length	
		20 mm	30 mm
Yes	Standard	<b>4042220</b>	<b>4042230</b>
	11 o'clock cutting	<b>4052220</b>	<b>4052230</b>
No	Tapered tip	<b>4162220</b>	<b>4162230</b>
	11 o'clock cutting	<b>4172220</b>	<b>4172230</b>

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"

Also available with fixed handle. Please add a "K" in front of the article number.



## Sphincterotome Ø 2,2 mm for guide wire 0,035 double lumen

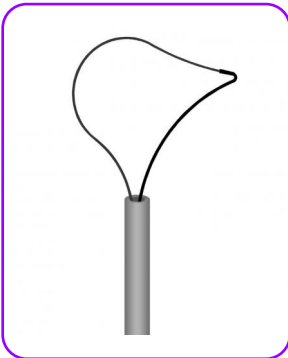
For working channels Ø 2,8 mm and higher

- Distal tapered to Ø 1,8 mm
- Cutting area is coloured marked
- With fixed handle
- For guide wire 0,035 inch - 400 cm
- With side port for contrast medium and cleaning
- With Luer Lock port for handle 6200LL and 6201LL



Precut	Version	Cutting length	
		20 mm	30 mm
No	Standard	<b>5002220</b>	<b>5002230</b>
	Tapered Tip	<b>5102220</b>	<b>5102230</b>
Yes	Standard	<b>5012220</b>	<b>5012230</b>

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Sphincterotome for B-II-Stomach single lumen

- Cutting length 20 mm
- With side port for contrast medium und cleaning
- With Luer Lock port for handle 6200LL and 6201LL



Guide wire	For working channel ... and higher	
	Ø 2,0 mm	Ø 2,8 mm
No	49018	not available
Yes	not available	49022

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"  
Also available with fixed handle. Please add a "K" in front of the article number.

## Gastroenterology

### Coagulation probe



**page**

Coagulation probe - reusable - Product Group 0007 ..... 165-167



## Gastroenterology

### Coagulation probe

#### Coagulation probe - reusable - Product Group 0007

	<b>page</b>
Coagulation probe Ø 1,8 mm .....	166
Coagulation probe Ø 2,3 mm .....	167



## Coagulation probe Ø 1,8 mm

For working channels Ø 2,0 mm and higher

- With one Axial flushing port



type	length	Order No.
one flushing port	120 cm	8018-120
	160 cm	8018-160
	180 cm	8018-180
	230 cm	8018-230

Required accessories: Handle and cable  
Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"



## Coagulation probe Ø 2,3 mm

For working channels Ø 2,8 mm and higher

- With one or six Axial flushing ports



spiral type	length	Art. No.
one flushing port	160 cm	8022-160
	180 cm	8022-180
	230 cm	8022-230
six flushing ports	160 cm	8022/6-160
	180 cm	8022/6-180
	230 cm	8022/6-230

Required accessories: Handle and cable

Please find the appropriate article numbers on our accessory pages "accessory for high-frequency"

## Gastroenterology

### Accessories



	<b>page</b>
Handles - reusable - Product Group 0032 .....	169-171
High frequency cable - reusable - Product Group 0033 .....	172-173
Bite block - Product Group 0058 .....	174-177





## Gastroenterology

### Accessories

#### Handles - reusable - Product Group 0032

	<b>page</b>
Handles with high frequency connector . . . . .	170
Handles without high frequency connector . . . . .	171



## Handles with high frequency connector

- Luer-Lock connector for instruments
- With 4 mm socket or Olympus port



handle type	HF connection	
	4 mm socket	Olympus port
short type fits with biopsy forceps	<b>6201LL</b>	<b>6202LL</b>
long type fits with snares	<b>6200LL</b>	<b>6203LL</b>



## Handles without high frequency connector

- Luer-Lock connector for instruments



handle type	order number
short type	6302LL
long type	6300LL



## Gastroenterology

### Accessories

#### High frequency cable - reusable - Product Group 0033

page

High frequency cable ..... 173

## High frequency cable



- 4 mm connector (Martin, Erbe, Storz)
- 5 mm connector (Erbe)
- 6 mm connector (Olympus)
- 8 mm connector (Vallylab)



Device-side	Handle side	
	4 mm socket	Olympus
Martin Erbe (E- und T-Serie) Storz	<b>6400LL</b>	<b>6403A</b>
Erbe (ICC)	<b>6404LL</b>	<b>6405A</b>
Olympus (120/300)	<b>6402LL</b>	<b>6406A</b>
Vallylab	<b>6407LL</b>	on request



## Gastroenterology

### Accessories

#### Bite block - Product Group 0058

	<b>page</b>
Bite block with elastic band . . . . .	175
Teething rings for children . . . . .	176
Bite block . . . . .	177

## Bite block with elastic band



- Latex free
- Single Use
- Packing unit 100 pieces



Type	
without tongue depressor	with tongue depressor
BEGO-01	BEGO-02



## Teething rings for children

- Latex-free rubber band
- Single use



Type
without tongue depressor
BEK-01





## Bite block

- Packing unit 100 pieces



Single use	Color	Order No.
Yes	red	BER-01
No	beige	BMB-01