MICRO-TECH
微 创

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Ordering Information

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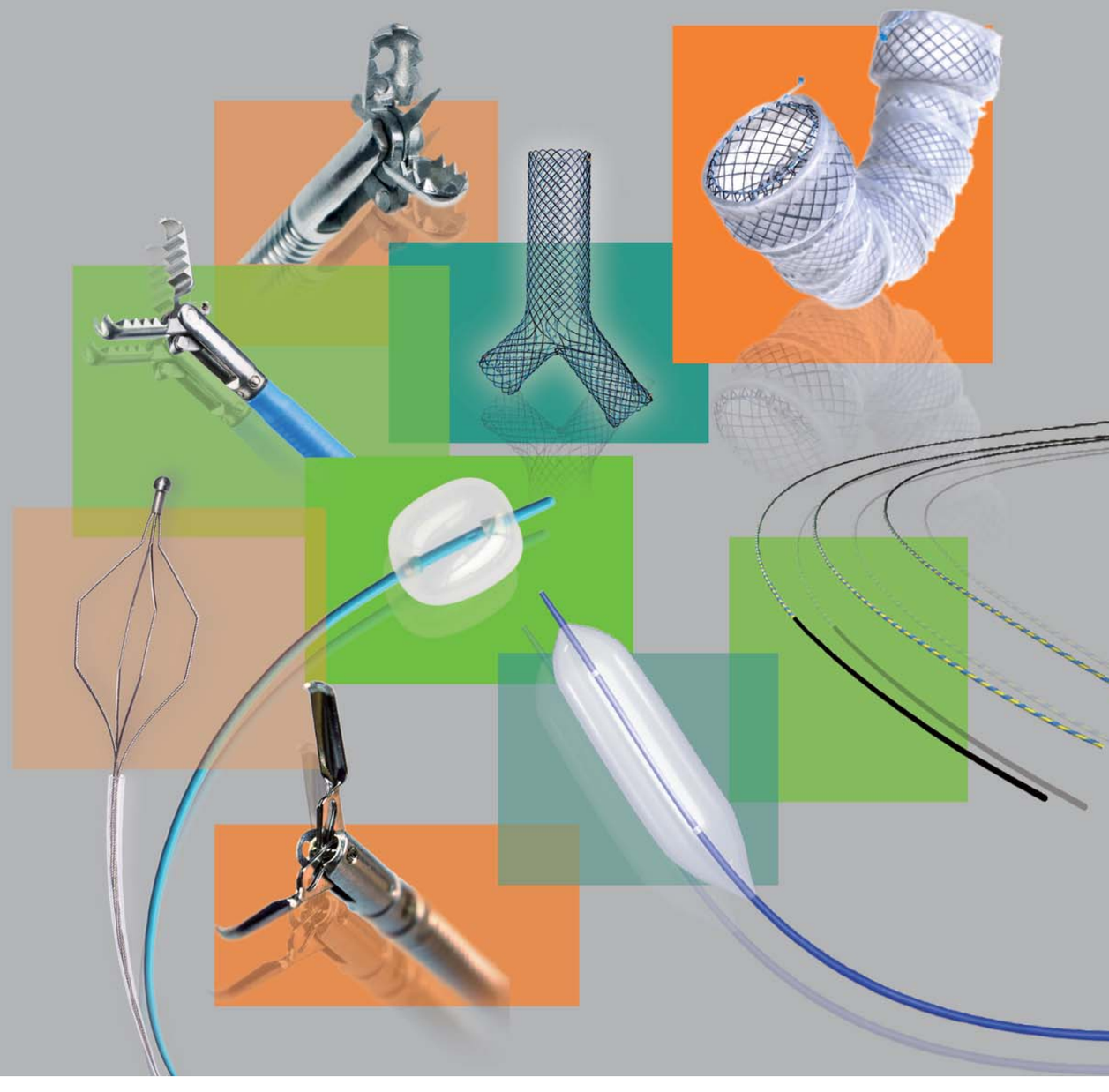

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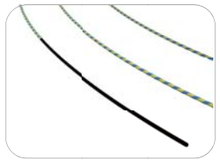

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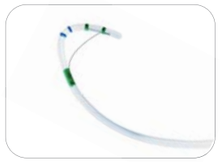

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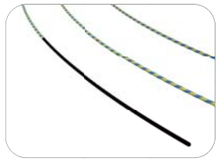

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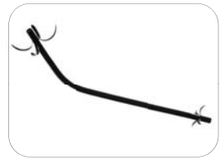

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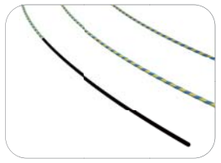

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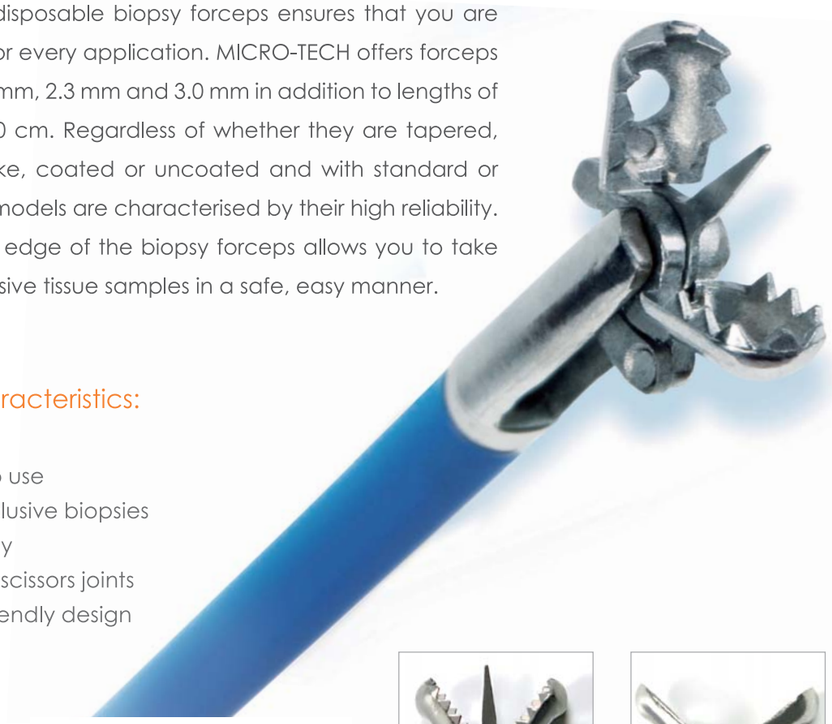
Disposable Biopsy Forceps

The wide choice of disposable biopsy forceps ensures that you are perfectly equipped for every application. MICRO-TECH offers forceps with diameters of 1.8 mm, 2.3 mm and 3.0 mm in addition to lengths of 120, 180, 230 and 250 cm. Regardless of whether they are tapered, with or without a spike, coated or uncoated and with standard or toothed spoons – all models are characterised by their high reliability. The excellent cutting edge of the biopsy forceps allows you to take diagnostically conclusive tissue samples in a safe, easy manner.



Performance Characteristics:

- reliability
- very comfortable to use
- diagnostically conclusive biopsies
- wide product variety
- high quality riveted scissors joints
- working channel-friendly design

Toothed spoon

Rievt-hinge design

Rapid identification:

Jaw section protective cap:

- red – with spike
- yellow – without spike

Coating:

- yellow – paediatric forceps Ø 1.8 mm, 180 cm long
- orange – gastric forceps Ø 2.3 mm, 180 cm long
- blue – colon forceps Ø 2.3 mm, 230 cm long
- orange or blue – macro forceps Ø 3.0 mm, 180 und 230 cm long

Specifications:

REF	Diameter (mm)	Length (cm)	Spike	Covering	Jaw
Forceps with coating					
NBF03-11023180	2.3	180	NO	Yes	standard
NBF03-11023230	2.3	230	NO	Yes	standard
NBF13-11018180	1.8	180	NO	Yes	serrated
NBF13-11023230	2.3	230	NO	Yes	serrated
NBF03-11123180	2.3	180	Yes	Yes	standard
NBF13-11123230	2.3	230	Yes	Yes	serrated

Reusable Biopsy Forceps

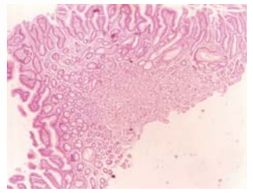
Micro-Tech offers the high quality and reliable reusable biopsy forceps, coming with the different types and working length. The special jaws design is to ensure minimal channel damage during forceps insertion.

Performance Characteristics:

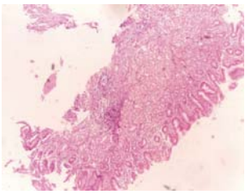
- Ergonomic design, excellent operation feeling.
- Sharp cutting performance to ensure clean-edged specimens.
- The shorter rigid part at the tip, easy to pass through the bended endoscope.

Biopsy removal

After biopsy removal



Biopsate removed with a toothed cutting edge



Biopsate removed with a smooth cutting edge

Specifications:

REF	Jaw Diameter (mm)	Working Length (mm)	Spike	Covering	Min. working channel Ø
RUBF023160-A	2.3	1600	without	without	2.8 mm
RUBF023180-A	2.3	1800	without	without	2.8 mm
RUBF023230-A	2.3	2300	without	without	2.8 mm
RUBF023160-B	2.3	1600	with	without	2.8 mm
RUBF023180-B	2.3	1800	with	without	2.8 mm
RUBF023230-B	2.3	2300	with	without	2.8 mm

Disposable hot biopsy forceps

MICRO-TECH unites several therapeutic working steps with its practical 2-in-1 solution. On one hand, the disposable hot biopsy forceps serve as a conventional hot forceps, removing small colonic polyps precisely and safely in active mode and taking diagnostically conclusive tissue samples in non-active mode.
On the other hand, they serve as an urgent measure for stopping bleeding, since the smallest lesions can be closed again at any time via coagulation current. The disposable hot biopsy forceps are unparalleled by other forceps in their suitability for treatment of patients with an increased risk of bleeding.

Performance Characteristics:

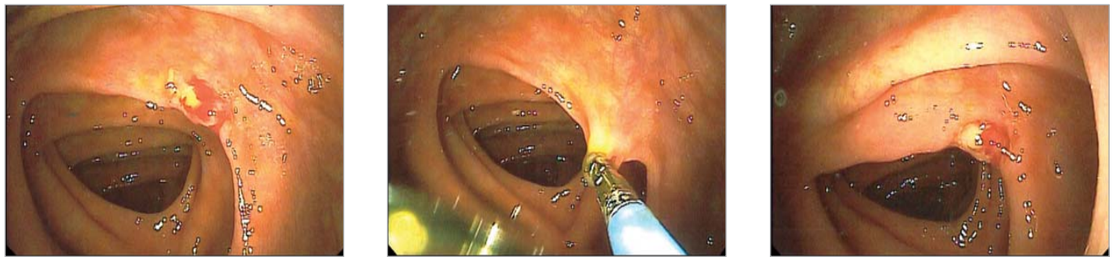
- reliability
- safety
- very comfortable to use
- high quality riveted scissors joints
- puncture-proof PTFE insulation
- 3-ring handle with Olympus power connection
- excellent cutting characteristics

Power connection

Hinging joint

Successful in practical use.

The hot biopsy forceps from MICRO-TECH are particularly suitable for use in patients with an increased risk of bleeding. If bleeding occurs during tissue sampling or polyp removal, this can be treated immediately and stopped via coagulation current.



Disposable hot biopsy forceps in endoscopic use.

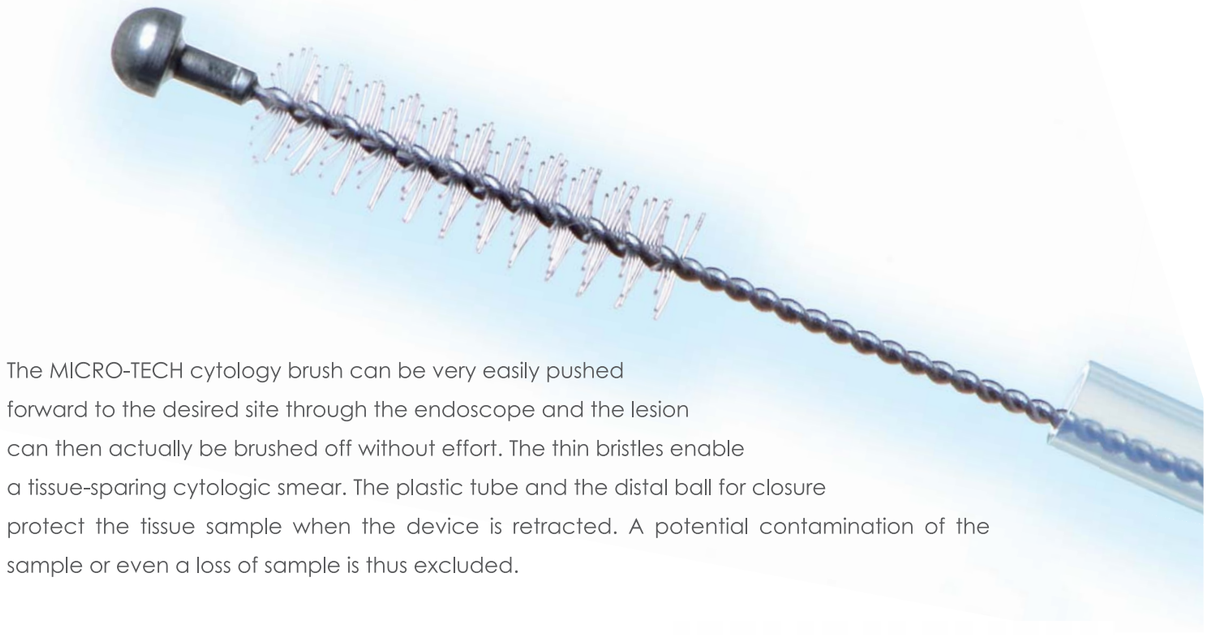
Target-oriented use of power.

The 3-ring handle is equipped with an Olympus power connection for safe and controlled power supply. The PTFE insulation of the metal coil is impact-resistant and prevents current conductive contact with the tissue.

Specifications:

REF	Diameter (mm)	Length (cm)	Spike	Covering	Jaw
Hot-biopsy forceps with coating					
NBF05-11018120	1.8	120	NO	Yes	standard
NBF05-11018180	1.8	180	NO	Yes	standard
NBF05-11023180	2.3	180	NO	Yes	standard
NBF05-11023230	2.3	230	NO	Yes	standard

Disposable Cytology Brushes



The MICRO-TECH cytology brush can be very easily pushed forward to the desired site through the endoscope and the lesion can then actually be brushed off without effort. The thin bristles enable a tissue-sparing cytologic smear. The plastic tube and the distal ball for closure protect the tissue sample when the device is retracted. A potential contamination of the sample or even a loss of sample is thus excluded.

Performance Characteristics:

- thin brushes for an optimal collection of cells
- includes plastic tube and metal head for closure
- for endoscopes with a workingchannel diameter above 2.0 mm
- sterile single packaging

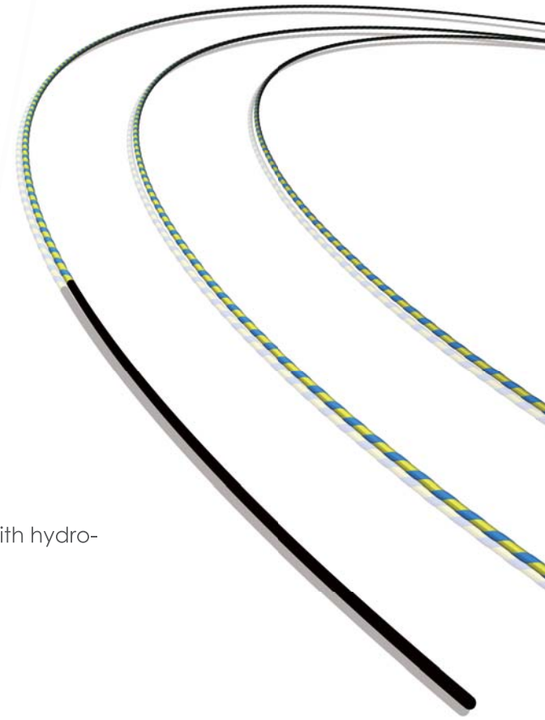
Ergonomically shaped 3-ring handle

Specifications:

REF	Brush Dia. (mm)	Working Length (cm)	Catheter Dia. (mm)
CYB-24S-12C	2.4	120	1.8
CYB-30S-12C	3.0	120	1.8
CYB-30S-24C	3.0	240	2.3
CYB-40S-12C	4.0	120	1.8
CYB-40S-24C	4.0	240	2.3

Guide Wires

The Guide Wires program ideally complements the range of stents and thus facilitates their exact positioning and placement. All guide wires are manufactured out of bending-resistant and torsion-proof Nitinol. Owing to their hydrophilic tips, the wires safely find their way even into areas and stenoses which are hard to reach. This is supported by the wire's high rigidity and controllability.



Performance Characteristics:

- The core is made of super elastic alloy to prevent kinking.
- The atraumatic distal tip is made of soft polymeric material with hydrophilic coating to facilitate ease of cannulation.

Specifications:

REF	Diameter (in)	Working Length (mm)	Tip Type	Color
MTN-BM-89/45-A	0.035	4500	Straight	Yellow&Blue
MTN-BM-89/26-A	0.035	2600	Straight	Yellow&Blue
MTN-BM-63/45-A	0.025	4500	Straight	Yellow&Blue
MTN-BM-63/26-A	0.025	2600	Straight	Yellow&Blue
MTN-BM-89/45-A-J	0.035	4500	J Style	Yellow&Blue
MTN-BM-89/26-A-J	0.035	2600	J Style	Yellow&Blue

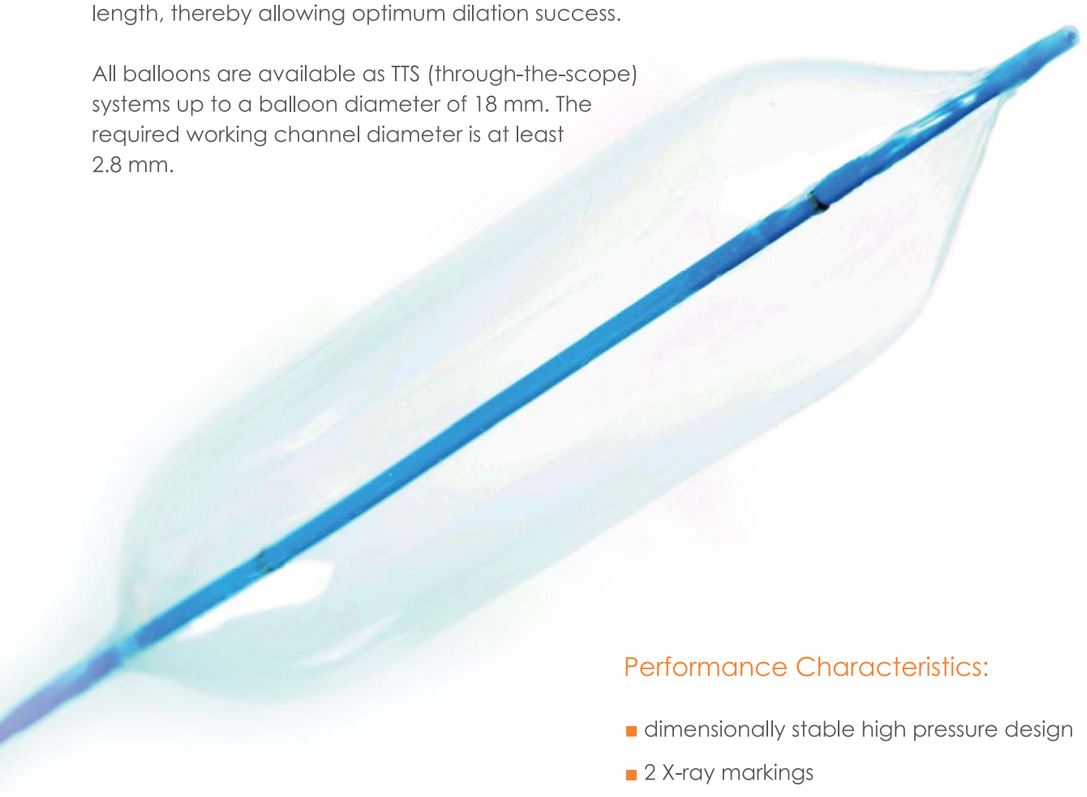
Dilation Balloons

As regards manufacture, MICRO-TECH produces all the dilation balloons itself – using stateof-the-art European and American production technology. Excellent workmanship and the use of premium materials, ensure that the MICRO-TECH balloons achieve the highest possible quality standard.

MICRO-TECH's dilation is also top of the range. The balloons are characterised by a series of features which guarantee maximum therapeutic success. For instance, two X-ray markings indicate the precise working length of the balloon, thereby ensuring its precise positioning.

Under application of pressure, the balloon very rapidly acquires its precisely predefined expansion width. Furthermore, the high-pressure design ensures that the balloon retains its shape over the entire working length, thereby allowing optimum dilation success.

All balloons are available as TTS (through-the-scope) systems up to a balloon diameter of 18 mm. The required working channel diameter is at least 2.8 mm.



Performance Characteristics:

- dimensionally stable high pressure design
- 2 X-ray markings
- separate guide wire and insufflation lumens
- conical shaped catheter tip
- very rapid expansion
- guide-wire compatible up to 0.035 inches

Successful in practical use.

Stenoses are effectively dilated using the MICRO-TECH dilation balloons. The balloon dilates the stenosis safely and gently and prepares the area to be treated in an optimum manner. The uniform distribution of pressure over the entire working length of the balloon and the outstanding dimensional stability during dilation guarantee excellent therapeutic success over the entire length of the stenosis.

Endoscopic control during dilation therapy

Specifications:

REF	Balloon Dia. (in)	Balloon length (mm)	Catheter Dia. (in)	Working length (mm)	Channel Dia. (in)	Application
OTW – Dilation balloons						
BDC-8/55-7/10-A	8	55	7	100	–	esophagus
BDC-10/55-7/10-A	10	55	7	100	–	esophagus
BDC-12/55-7/10-A	12	55	7	100	–	esophagus
BDC-16/55-7/10-A	16	55	7	100	–	esophagus
BDC-18/55-7/10-A	18	55	7	100	–	esophagus
BDC-20/55-7/10-A	20	55	7	100	–	esophagus
BDC-12/80-7/10-A	12	80	7	100	–	esophagus
BDC-16/80-7/10-A	16	80	7	100	–	esophagus
BDC-18/80-7/10-A	18	80	7	100	–	esophagus
BDC-20/80-7/10-A	20	80	7	100	–	esophagus
TTS – Dilation balloons						
BDC-8/55-7/18-A	8	55	7	180	2.8	esophagus/bile duct
BDC-8/55-7/24-A	8	55	7	240	2.8	pylorus/colon
BDC-10/55-7/18-A	10	55	7	180	2.8	esophagus/bile duct
BDC-10/55-7/24-A	10	55	7	240	2.8	pylorus/colon
BDC-12/55-7/18-A	12	55	7	180	2.8	esophagus
BDC-12/55-7/24-A	12	55	7	240	2.8	pylorus/colon
BDC-16/55-7/18-A	16	55	7	180	2.8	esophagus
BDC-16/55-7/24-A	16	55	7	240	2.8	pylorus/colon
BDC-18/55-7/18-A	18	55	7	180	2.8	esophagus
BDC-18/55-7/24-A	18	55	7	240	2.8	pylorus/colon
BDC-20/55-7/18-A	20	55	7	180	4.2	esophagus
BDC-20/55-7/24-A	20	55	7	240	4.2	pylorus/colon
BDC-12/80-7/18-A	12	80	7	180	2.8	esophagus
BDC-12/80-7/24-A	12	80	7	240	2.8	pylorus/colon
BDC-16/80-7/18-A	16	80	7	180	2.8	esophagus
BDC-16/80-7/24-A	16	80	7	240	2.8	pylorus/colon
BDC-18/80-7/18-A	18	80	7	180	2.8	esophagus
BDC-18/80-7/24-A	18	80	7	240	2.8	pylorus/colon
BDC-20/80-7/18-A	20	80	7	180	4.2	esophagus
BDC-20/80-7/24-A	20	80	7	240	4.2	pylorus/colon
Achalasia balloons						
BDC-26/80-7/10-A	26	80	7	100	–	achalasia
BDC-30/80-7/10-A	30	80	7	100	–	achalasia
BDC-34/80-7/10-A	34	80	7	100	–	achalasia

Multi-Stage Dilation Balloons

MICRO-TECH's Disposable Multistage Dilation Balloon Catheter is designed to produce three distinct diameters at three separate pressures during in procedure.

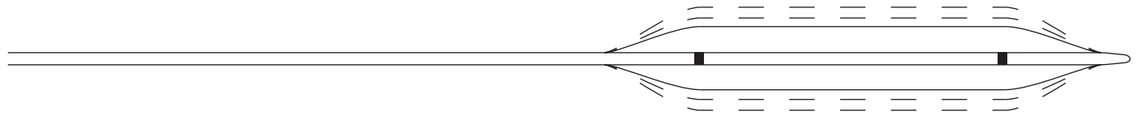
Furthermore, the high-pressure design ensures that the balloon retains its shape over the entire working length, thereby allowing optimum dilation success.

Under different application of pressure, the balloon very rapidly acquires its precisely predefined expansion width.

Excellent workmanship and the use of premium materials, ensure that the MICRO-TECH balloons achieve the highest possible quality standard.

Performance Characteristics:

- three distinct diameters at three separate pressures
- 2 X-ray markings
- separate guide wire and insufflation lumens
- conical shaped catheter tip
- very rapid expansion
- guide-wire compatible up to 0.035 inches

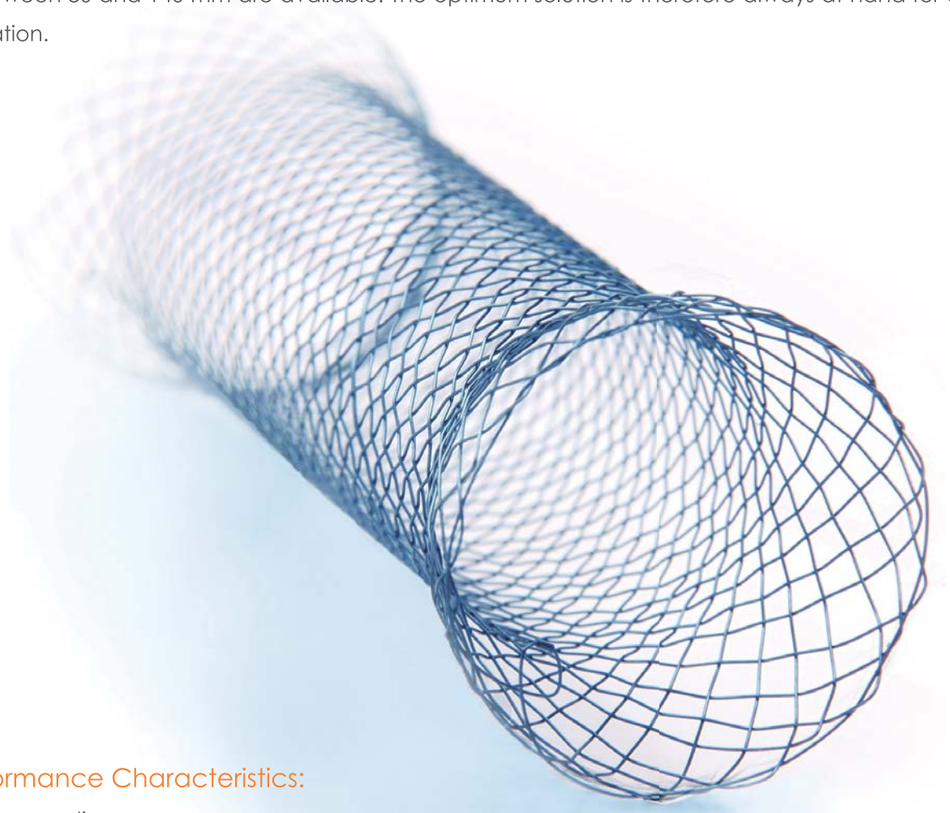


Specifications:

REF	Balloon Diameter (mm)	Balloon 3 stage dilation pressure (atm)	Balloon length (mm)	Catheter Diameter (Fr)	Working length (mm)
Eg,REF for 3-stage MBD-AS-BB-2	6-7-8	3-6-10	30	7F	2300
MBD-AM-BA-2	6-7-8	3-6-10	55	7F	1800
MBD-AM-BB-2	6-7-8	3-6-10	55	7F	2300
MBD-AL-BA-2	6-7-8	3-6-10	80	7F	1800
MBD-BS-BB-2	8-9-10	3-5.5-9	30	7F	2300
MBD-BM-BA-2	8-9-10	3-5.5-9	55	7F	1800
MBD-BM-BB-2	8-9-10	3-5.5-9	55	7F	2300
MBD-BL-BA-2	8-9-10	3-5.5-9	80	7F	1800
MBD-CS-BB-2	10-11-12	3-5-8	30	7F	2300
MBD-CM-BA-2	10-11-12	3-5-8	55	7F	1800
MBD-CM-BB-2	10-11-12	3-5-8	55	7F	2300
MBD-CL-BA-2	10-11-12	3-5-8	80	7F	1800
MBD-DS-BB-2	12-13.5-15	3-4.5-8	30	7F	2300
MBD-DM-BA-2	12-13.5-15	3-4.5-8	55	7F	1800
MBD-DM-BB-2	12-13.5-15	3-4.5-8	55	7F	2300
MBD-DL-BA-2	12-13.5-15	3-4.5-8	80	7F	1800
MBD-EM-BA-2	15-16.5-18	3-4.5-7	55	7F	1800
MBD-EM-BB-2	15-16.5-18	3-4.5-7	55	7F	2300
MBD-EL-BA-2	15-16.5-18	3-4.5-7	80	7F	1800
MBD-FM-BA-2	18-19-20	3-4.5-6	55	7F	1800
MBD-FM-BB-2	18-19-20	3-4.5-6	55	7F	2300
MBD-FL-BA-2	18-19-20	3-4.5-6	80	7F	1800

Covered Esophageal Stents

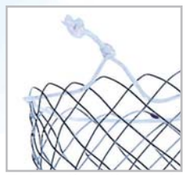
MICRO-TECH provides you with a comprehensive selection of self-expanding stents for bypassing esophageal stenoses. The stents are characterised by very high flexibility and are available with and without covering. The working diameter of the stent is 20, 24 or 28 mm; as regards the lengths, models of between 80 and 140 mm are available. The optimum solution is therefore always at hand for every indication.



Performance Characteristics:

- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- fully covered stents available
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

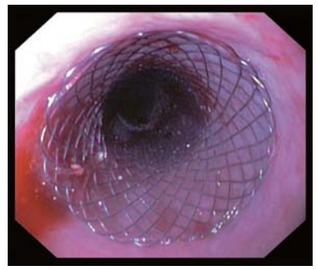

X-ray marks

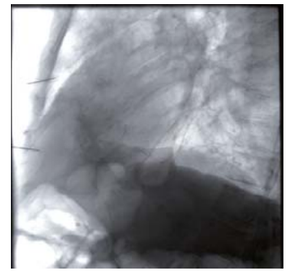

Extraction thread

Successful in practical use

The stent adapts to the oesophageal wall in the best possible manner thanks to its atraumatic shape and high radial force. Furthermore, the stent possesses excellent radiopacity and can be positioned with good visibility and precision at significant points with the aid of the additional X-ray markings.

X-ray markings on the introducer indicate the ultimate position of the completely opened stent and assist its precise placement.


View of the proximal tulip

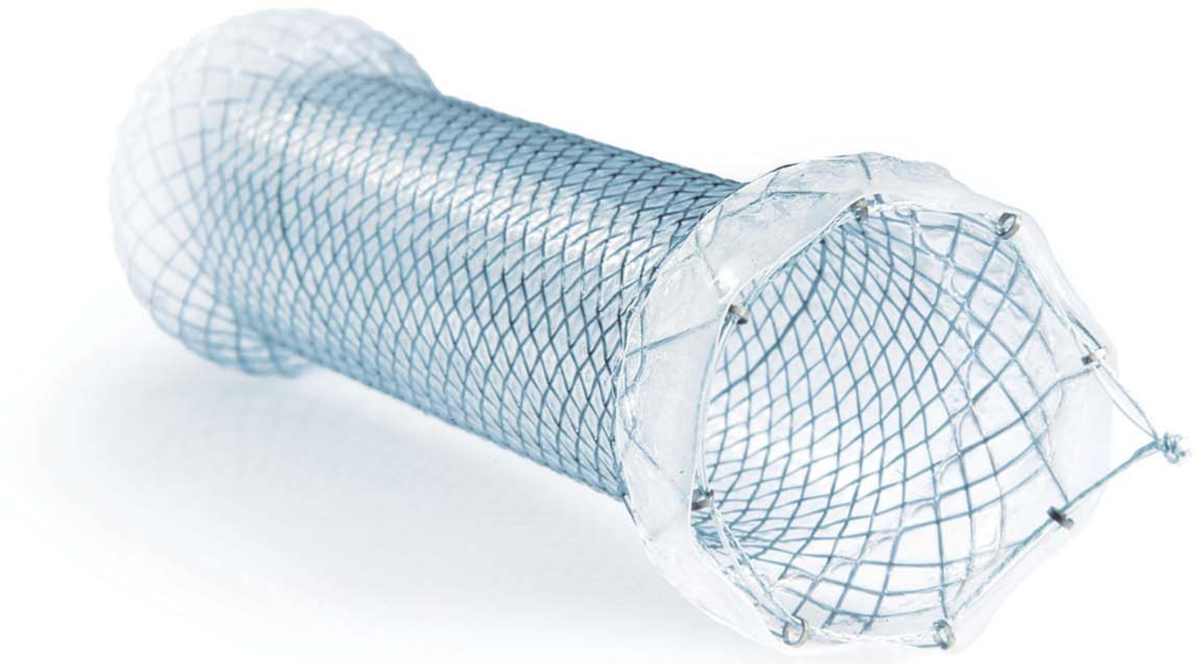

Released under X-ray

Specifications:

REF	centre Dia. (mm)	end Dia. (mm)	Length (mm)	Covering (mm)
Stents without covering				
ST01-111.20.080	20	26	80	without
ST01-111.20.100	20	26	100	without
ST01-111.20.120	20	26	120	without
ST01-111.20.140	20	26	140	without
ST01-111.24.080	24	30	80	without
ST01-111.24.100	24	30	100	without
ST01-111.24.120	24	30	120	without
ST01-111.24.140	24	30	140	without
Stents with partial covering				
ST01-112.20.080	20	26	80	50
ST01-112.20.100	20	26	100	70
ST01-112.20.120	20	26	120	90
ST01-112.20.140	20	26	140	110
ST01-112.24.080	24	30	80	50
ST01-112.24.100	24	30	100	70
ST01-112.24.120	24	30	120	90
ST01-112.24.140	24	30	140	110
Stents with end-to-end covering				
ST01-114.20.080	20	26	80	80
ST01-114.20.100	20	26	100	100
ST01-114.20.120	20	26	120	120
ST01-114.20.140	20	26	140	140
ST01-114.24.080	24	30	80	80
ST01-114.24.100	24	30	100	100
ST01-114.24.120	24	30	120	120
ST01-114.24.140	24	30	140	140
ST01-114.28.100	30	34	100	100
ST01-114.28.120	30	34	120	120

Softcup esophageal stents

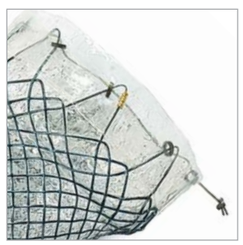
High-seated esophageal stenoses place special demands on the stent. Unpleasant irritative stress results for the patient owing to stent positioning in this extremely sensitive area just under the pharynx. The Softcup oesophagus stent from MICRO-TECH is equipped with a particularly soft proximal stent end, which makes the stent as pleasant as possible for the patient.



Performance Characteristics:

- self-expanding
- Nitinol mesh with atraumatic ends
- proximal Softcup design
- excellent positional stability
- high radial force
- resistant and elastic covering
- complete covering
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

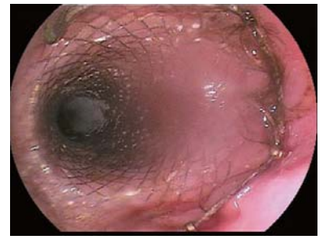
X-ray marking



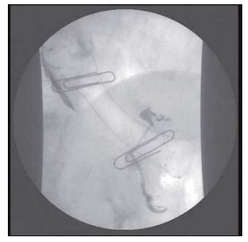
Extraction thread

Successful in practical use

The Softcup esophageal stent is completely covered and reduces the irritative stress for the patient with its particularly soft proximal tulip made of silicone. Its special design and the high radial force render the stent extremely positionally stable and guarantees a very snug fit on the esophageal wall. The good radiopacity and additional X-ray markings at significant points also facilitate orientation during stent placement.



View into the released stent



Released stent

Maximum hold, maximum comfort

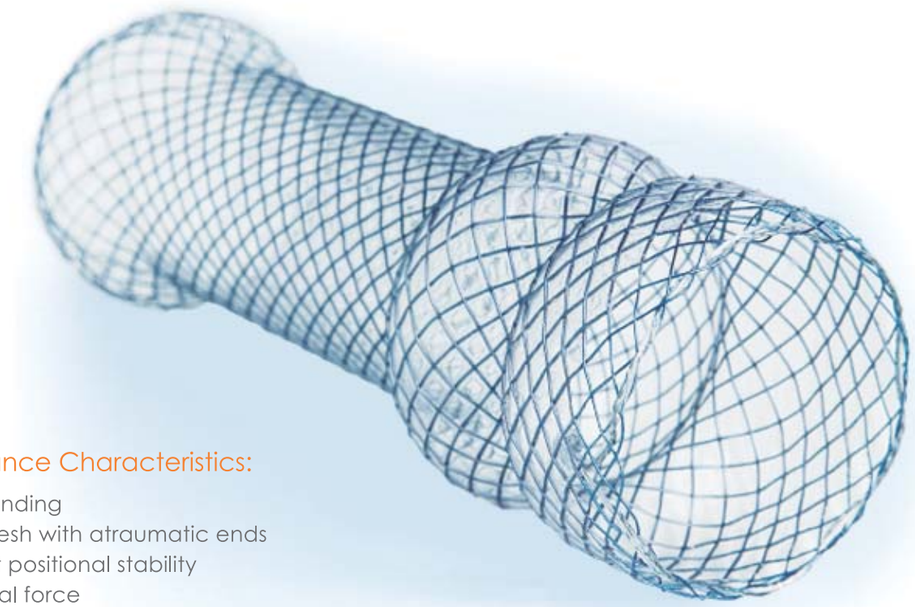
The special design of the Softcup esophagus stent ensures excellent positional stability and is gentle on the patient at the same time: the soft end reduces the unpleasant sensation of carrying a foreign body in the esophagus.

Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)	End design	
					proximal	distal
Stents with end-to-end covering						
ST31-234.20.100	20	26	100	100	softcup	spherical
ST31-234.24.120	24	30	120	120	softcup	spherical

Fistula-Occluding Esophageal Stents

The fully covered design can occlude the esophageal fistula effectively. And the spherical part in the middle of the stent can prevent side leakage effectively.



Performance Characteristics:

- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- fully covered stents available
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

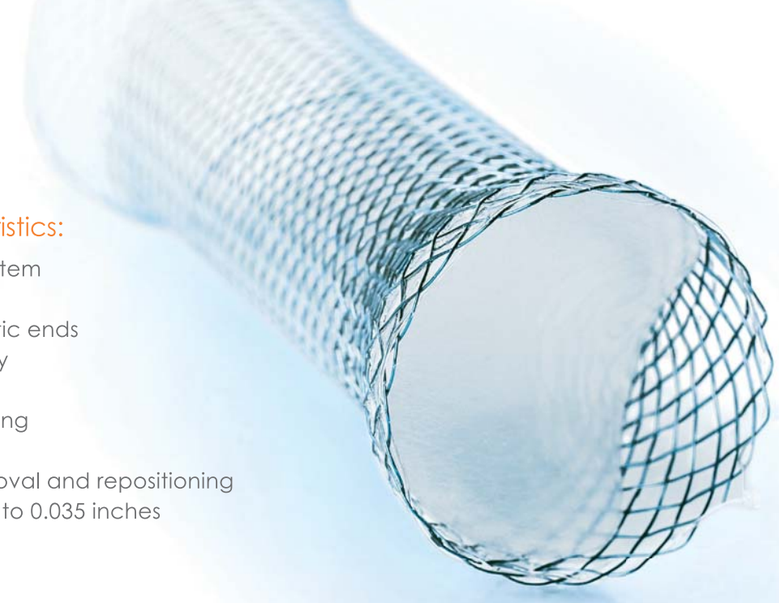
Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)
Stents with end-to-end covering				
ST01-994.14.070	14	20	70	70
ST01-994.16.080	16	22	80	80
ST01-994.18.090	18	24	90	90
ST01-994.20.100	20	26	100	100
ST01-994.22.110	22	28	110	110
ST01-994.24.120	24	30	120	120

Anti-Reflux Esophageal Stents

Bypass of the cardia with a stent results in gastrooesphageal reflux. In order to prevent the latter and thereby minimise the risk of bronchopulmonary aspirations, the Anti-Reflux Esophageal Stents from MICRO-TECH is equipped with a unique valve system.

The revolutionary aspect of the valve is its 2-way function which imitates the human protective mechanism perfectly. On the one hand, it allows food and liquids to enter the stomach unimpeded and reliably prevents reflux. On the other, it opens in the oral direction in case of excessive pressure. The patient can therefore obtain relief by vomiting in spite of the valve. The valve is particularly flexible and, at the same time, highly resistant to gastric acid.



Performance Characteristics:

- innovative 2-way valve system
- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

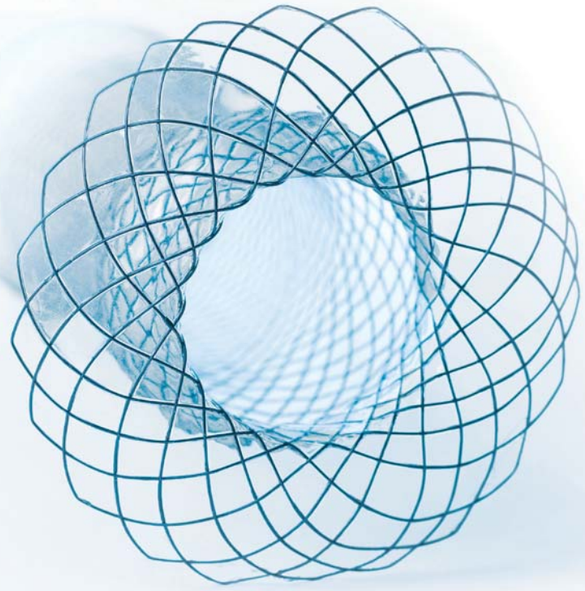
Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)	Anti-reflux valve
Stents with partial covering					
ST21-232.20.100	20	26	100	85	distal
ST21-232.24.100	24	30	100	85	distal
Stents with end-to-end covering					
ST21-234.20.100	20	26	100	85	distal
ST21-234.24.100	24	30	100	85	distal

Cardia Stents

Treatment of the cardia is mainly associated with two complications. Firstly, the stent has an increased tendency to migrate at this point. Secondly, a stent end may protrude far into the stomach and cause pressure necrosis. The Cardia Stent by MICRO TECH is a specially designed stent perfectly tailored to this challenging anatomical diagnosis.

Its unique design gives the Cardia-Umbrella-Stent extremely high positional stability and prevents its migration in both the gastric and oral directions. The special feature here is the fact that the lower oesophageal sphincter lies between the bulbous section and the distal end of the stent which is shaped like an opened umbrella. Furthermore, the stent does not protrude into the stomach as a result of this umbrella-shaped design, ending directly behind the oesophageal gastric junction. The risk of pressure necrosis is thus markedly reduced and any potential patient discomfort is decreased.



Performance Characteristics:

- unique umbrella design
- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- fully covered stents available
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

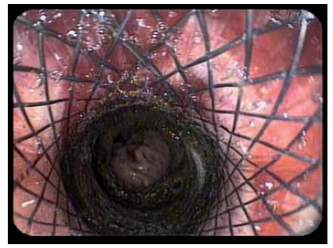
X-ray marking

Extraction thread

Successful in practical use

The inverse view from the stomach of the distal end of the stent shows how the umbrella end clings to the gastric mucosa directly behind the cardia without protruding into the stomach. From the perspective of the oesophagus into the stent, the bulge before the cardia and the shaping of the stent in the area of the cardia can be clearly distinguished. Both guarantee excellent positional stability for the stent.

View of the umbrella end (stomach)



View into the released stent (oesophagus)

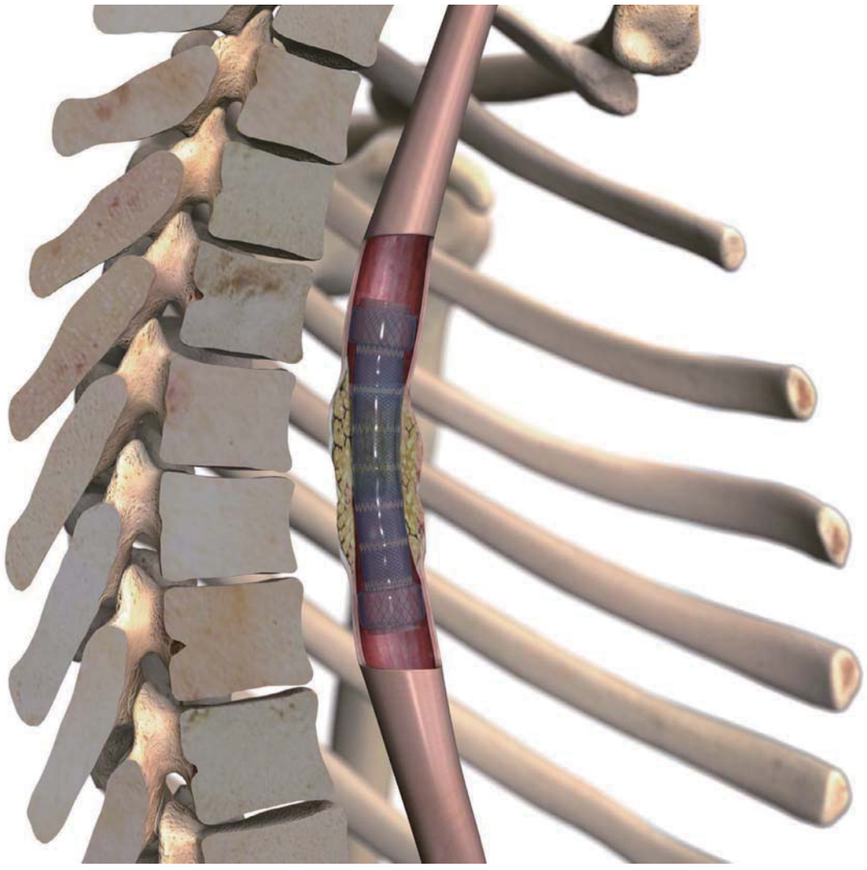
Keeps its promises

Together with the high radial force, the spherical proximal end and the complete covering, the innovative umbrella design guarantees ideal hold in the area of the cardia. Radiopaque markers in prominent positions ease the placement of the stent under radiological view.

Specifications:

REF	Centre Dia. (mm)	Ø end prox./bulge/ end dist. (mm)	Length (mm)	Covering (mm)	End design	
					proximal	distal
Stents with partial covering						
ST01-982.24.100	24	30/30/50	100	85	spherical	umbrella
ST01-982.24.120	24	30/30/50	120	105	spherical	umbrella
Stents with end-to-end covering						
ST01-984.24.100	24	30/30/50	100	100	spherical	umbrella
ST01-984.24.120	24	30/30/50	120	120	spherical	umbrella

Segmented Stents



Esophageal Stents with segmented design to allow higher flexibility and conformity for bypassing esophageal stenoses. The stents are available with and without covering.

Performance Characteristics:

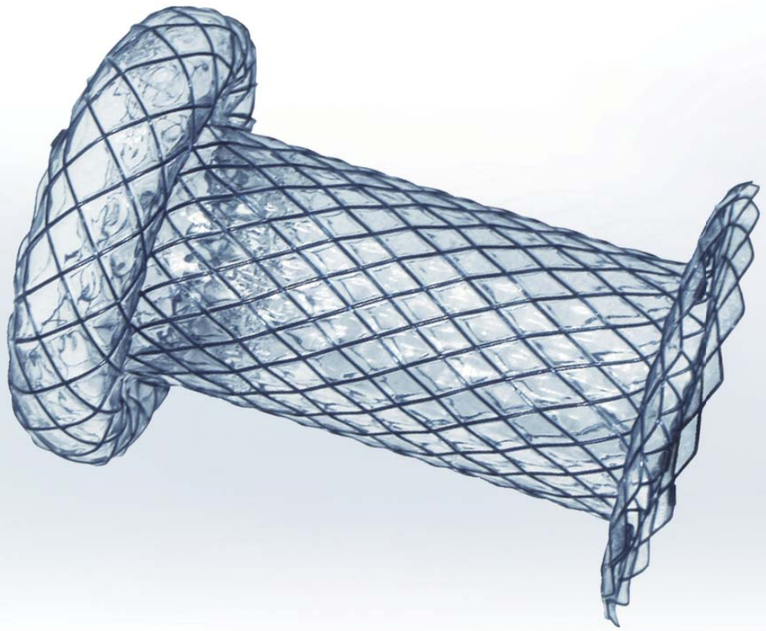
- Segmented modular stent body allowing independent movements between each module to maximize conformance to curved or tortuous anatomy.
- Segmented design minimizes migration.
- Comparable radial force.
- Corrosion resistant and elastic covering.
- Fully covered stents available.
- Retrieval suture for removal and repositioning.

Segmented design

Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Covering Dia. (mm)	Length (mm)	Specification
ST71-224-16.060	16	22	60	72	covered, double cup
ST71-224-16.080	16	22	80	92	covered, double cup
ST71-224-16.100	16	22	100	112	covered, double cup
ST71-224-16.120	16	22	120	132	covered, double cup
ST71-224-16.140	16	22	140	152	covered, double cup
ST71-224-18.060	18	24	60	72	covered, double cup
ST71-224-18.080	18	24	80	92	covered, double cup
ST71-224-18.100	18	24	100	112	covered, double cup
ST71-224-18.120	18	24	120	132	covered, double cup
ST71-224-18.140	18	24	140	152	covered, double cup
ST71-224-20.060	20	26	60	72	covered, double cup
ST71-224-20.080	20	26	80	92	covered, double cup
ST71-224-20.100	20	26	100	112	covered, double cup
ST71-224-20.120	20	26	120	132	covered, double cup
ST71-224-20.140	20	26	140	152	covered, double cup
ST71-224-22.060	22	28	60	72	covered, double cup
ST71-224-22.080	22	28	80	92	covered, double cup
ST71-224-22.100	22	28	100	112	covered, double cup
ST71-224-22.120	22	28	120	132	covered, double cup
ST71-224-22.140	22	28	140	152	covered, double cup

Pancreatic Pseudocyst Stents



Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Covering (mm)	Length (mm)	Specification
ST33-103.10.015	10	20	15	15	Covered mushroom-umbrella
ST33-103.10.020	10	20	20	20	Covered mushroom-umbrella
ST33-103.10.025	10	20	25	25	Covered mushroom-umbrella
ST33-103.10.030	10	20	30	30	Covered mushroom-umbrella
ST33-103.12.015	12	22	15	15	Covered mushroom-umbrella
ST33-103.12.020	12	22	20	20	Covered mushroom-umbrella
ST33-103.12.025	12	22	25	25	Covered mushroom-umbrella
ST33-103.12.030	12	22	30	30	Covered mushroom-umbrella
ST33-103.14.015	14	24	15	15	Covered mushroom-umbrella
ST33-103.14.020	14	24	20	20	Covered mushroom-umbrella
ST33-103.14.025	14	24	25	25	Covered mushroom-umbrella
ST33-103.14.030	14	24	30	30	Covered mushroom-umbrella
ST33-103.16.015	16	26	15	15	Covered mushroom-umbrella
ST33-103.16.020	16	26	20	20	Covered mushroom-umbrella
ST33-103.16.025	16	26	25	25	Covered mushroom-umbrella
ST33-103.16.030	16	26	30	30	Covered mushroom-umbrella

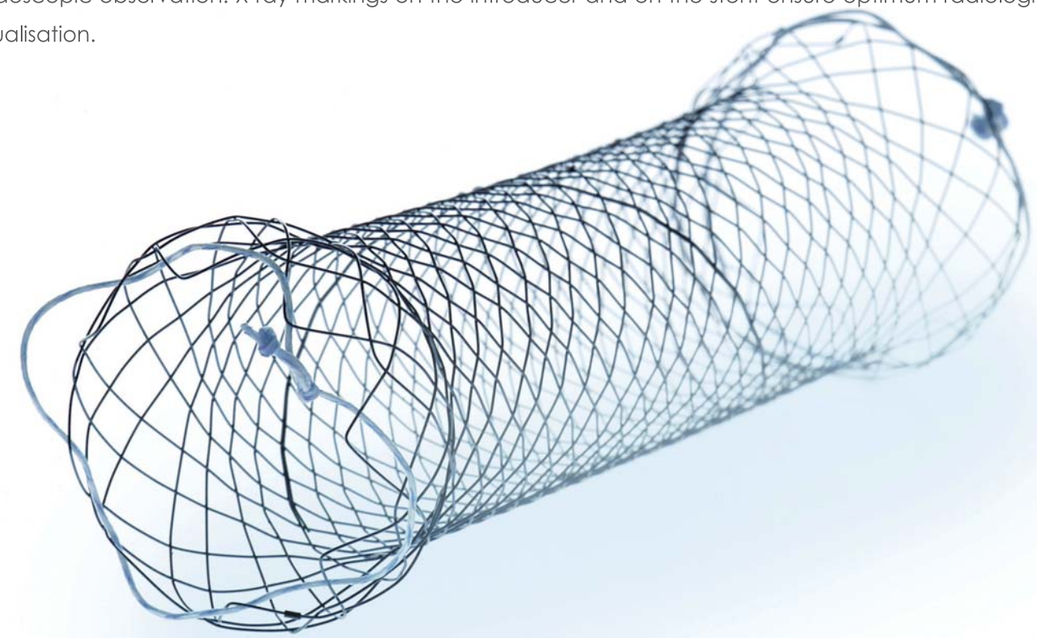
Performance Characteristics:

- new bridge between gastrointestinal lumen and pancreas
- self-expanding stent with mashronn and umbrella ends, more safety (mashroom avoid the stent dropping into the pancreas, umbrella for easy-retrieval)
- special safe lock to ensure the release process in the safe condition
- fully covering, to prevent the hyperplasia
- innovative drainage method, less complication, higher efficiency

Duodenal Stents

The self-expanding Nitinol stents are used to bypass stenoses in the duodenum. Their spherical ends adapt perfectly to the anatomy of the duodenum, thereby guaranteeing maximum positional stability. Stents with and without covering are available depending on the indication.

The duodenal stent is preloaded on a TTS introducer (through-the scope) as standard. Insertion can therefore be performed through the working channel of the endoscope and the stent can be released under endoscopic observation. X-ray markings on the introducer and on the stent ensure optimum radiological visualisation.



Performance Characteristics:

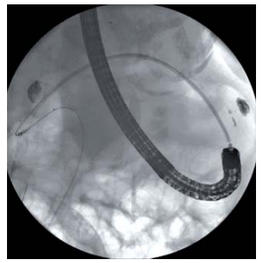
- spherical ends
- self-expanding
- Nitinol mesh with atraumatic ends
- release under endoscopic observation
- excellent positional stability
- resistant and elastic covering
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches

X-ray marking

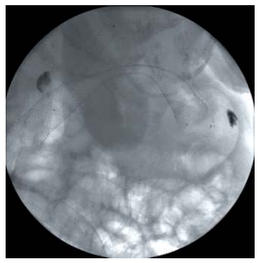
Extraction thread

Successful in practical use

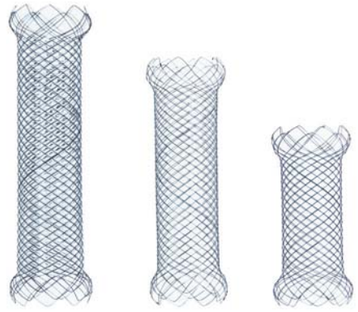
The X-ray images show the release process under radiological monitoring. The good radiopacity plus additional X-ray markings on the stent assist orientation and facilitate the release of the duodenal stent. The endoscopic position control clarifies the stent's optimum expansion.



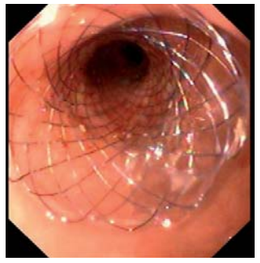
Stent during release



Released stent



100 mm 80 mm 60 mm



View into the released stent

Always the appropriate solution

With a diameter of 20 mm and different lengths of 60, 80 or 100 mm, the range of duodenum stents always offers you the right size for your patient.

Specifications:

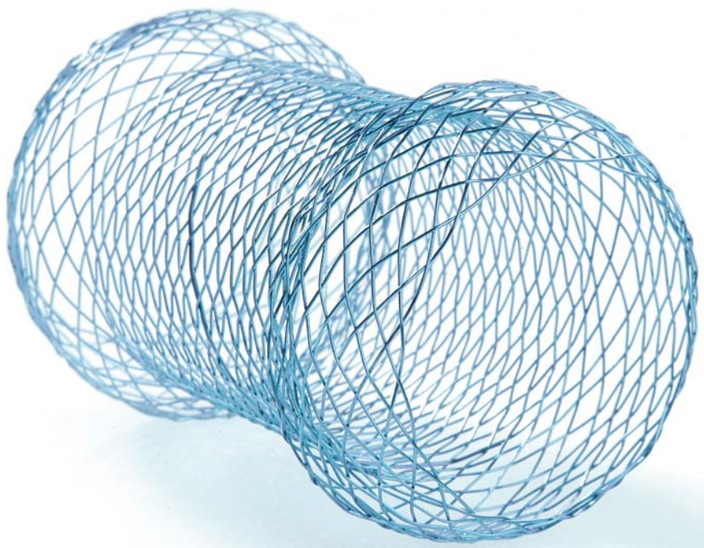
REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)
Stents without covering				
ST74-331.20.60	20	26	60	without
ST74-331.20.80	20	26	80	without
ST74-331.20.100	20	26	100	without
Stents with partial covering				
ST24-332.20.60	20	26	60	40
ST24-332.20.80	20	26	80	60
ST24-332.20.100	20	26	100	80
Stents with end to end covering				
ST24-334.20.60	20	26	60	60
ST24-334.20.80	20	26	80	80
ST24-334.20.100	20	26	100	100

Colonic and Rectal Stents

Colonic stents demand a particularly high positional stability. The OTW colon and rectum stents of MICRO-TECH have a design that guarantees just that. The good hold of the OTW colonic stents is achieved by a square-edged transition situated near each end of the stent. This virtually anchors the stent inside the lumen and adapts it optimally to the anatomy and peristalsis of the colon.

In contrast, rectal stents are less stimulating and ball-shaped. This ensures that the patient senses less irritations in this sensitive area, thus distinctly increasing the quality of life.

The partially sheathed OTW colonic and rectal stents produce very high radial forces. They should therefore be placed into straight segments of the colon, and not into the bent segments, such as the right and left flexure of the colon.



Performance Characteristics:

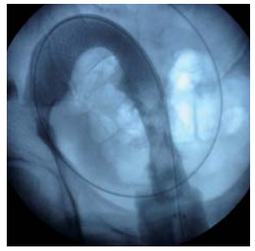
- self-expanding
- Nitinol mesh with atraumatic ends
- anatomical design
- excellent positional stability
- high radial force
- resistant and elastic covering
- high radiopacity
- extraction threads for removal and repositioning
- guide wire-compatible up to 0.035 inches
- also available as TTS systems

Spherical end

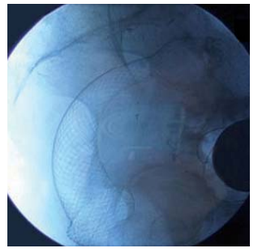
Mushroom design

Successful in practical use

The stents are convincing in practice by the good opening
behaviour and the special distinctive end shape of the colon stent with which the stents can be firmly anchored in the semilunar folds of the colon. In order to facilitate orientation during release, the stents have additional X-ray markings at all significant points.



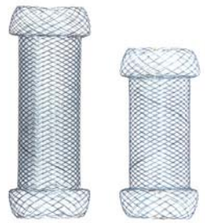
Control with contrast medium



Released colonic stent

Positionally stable in all sizes

The colon and rectum stents are available in a length of either 80 mm or 100 mm. You can also choose between non-covered and partially covered versions.



Colon stents

Rectum stents

Specifications:

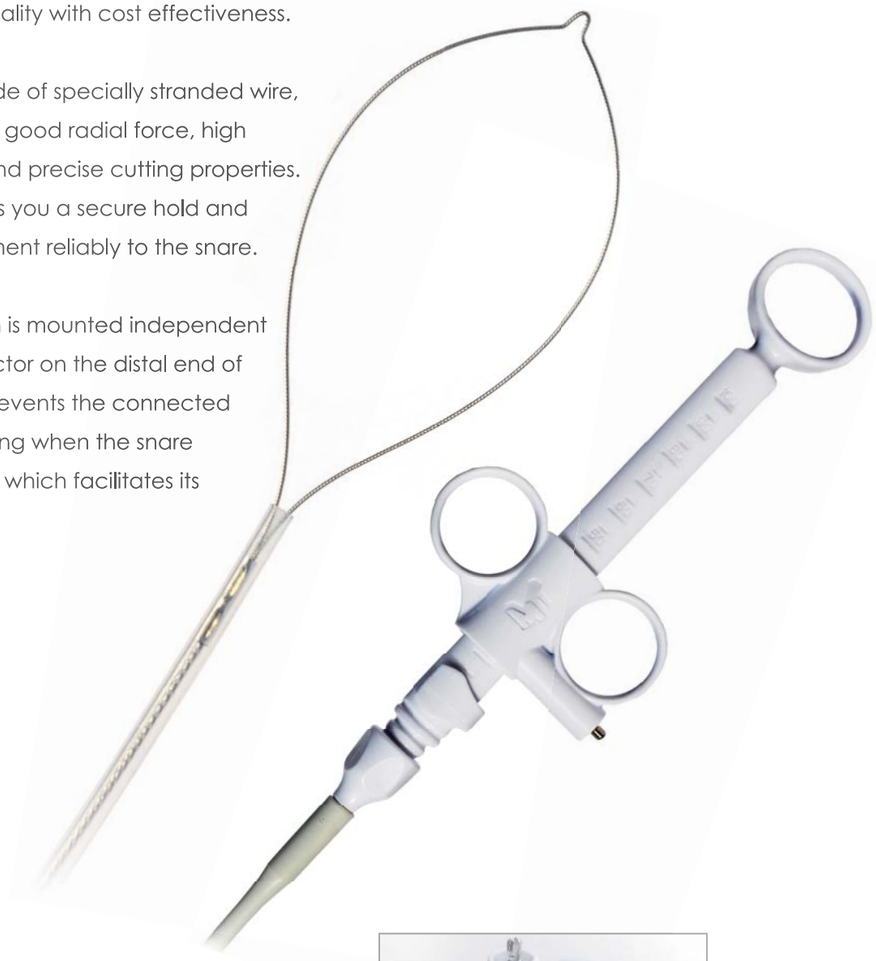
REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)	Application	End design	
						proximal	distal
Stents without covering							
ST34-551.30.080	30	36	80	without	colon	mushroom	mushroom
ST34-551.30.100	30	36	100	without	colon	mushroom	mushroom
ST34-554.25.080	25	30	80	without	colon	spherical	spherical
ST34-554.25.100	25	30	100	without	colon	spherical	spherical
ST34-551.30.080	30	36	80	without	rectum	spherical	spherical
ST34-551.30.100	30	36	100	without	rectum	spherical	spherical
Stents without covering							
ST34-552.30.080	30	36	80	50	colon	mushroom	mushroom
ST34-552.30.100	30	36	100	70	colon	mushroom	mushroom
ST44-332.30.080	30	36	80	50	rectum	spherical	spherical
ST44-332.30.100	30	36	100	70	rectum	spherical	spherical

Polypectomy Snares

In order to make the removal of polyps in everyday hospital routine as efficient as possible, MICRO-TECH has developed a new program of disposable polypectomy snares which perfectly combines quality with cost effectiveness.

Each oval snare is made of specially stranded wire, which convinces by its good radial force, high dimensional stability and precise cutting properties. The 3-ring-handle gives you a secure hold and transmits every movement reliably to the snare.

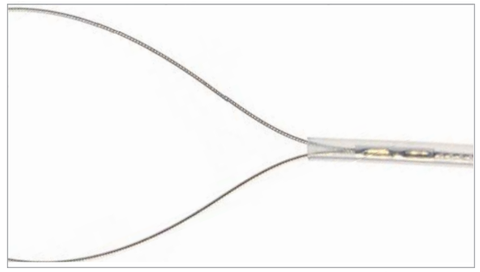
The power connection is mounted independent from the 2-ring conductor on the distal end of the handpiece. This prevents the connected power cord from moving when the snare is opened and closed, which facilitates its handling even more.



Performance Characteristics:

- very comfortable to use
- reliable and safe
- innovative power connection
- ergonomic 3-ring handle
- excellent cutting characteristics
- high strength of shape

3-ring handle with power connection



Easy and safe operation

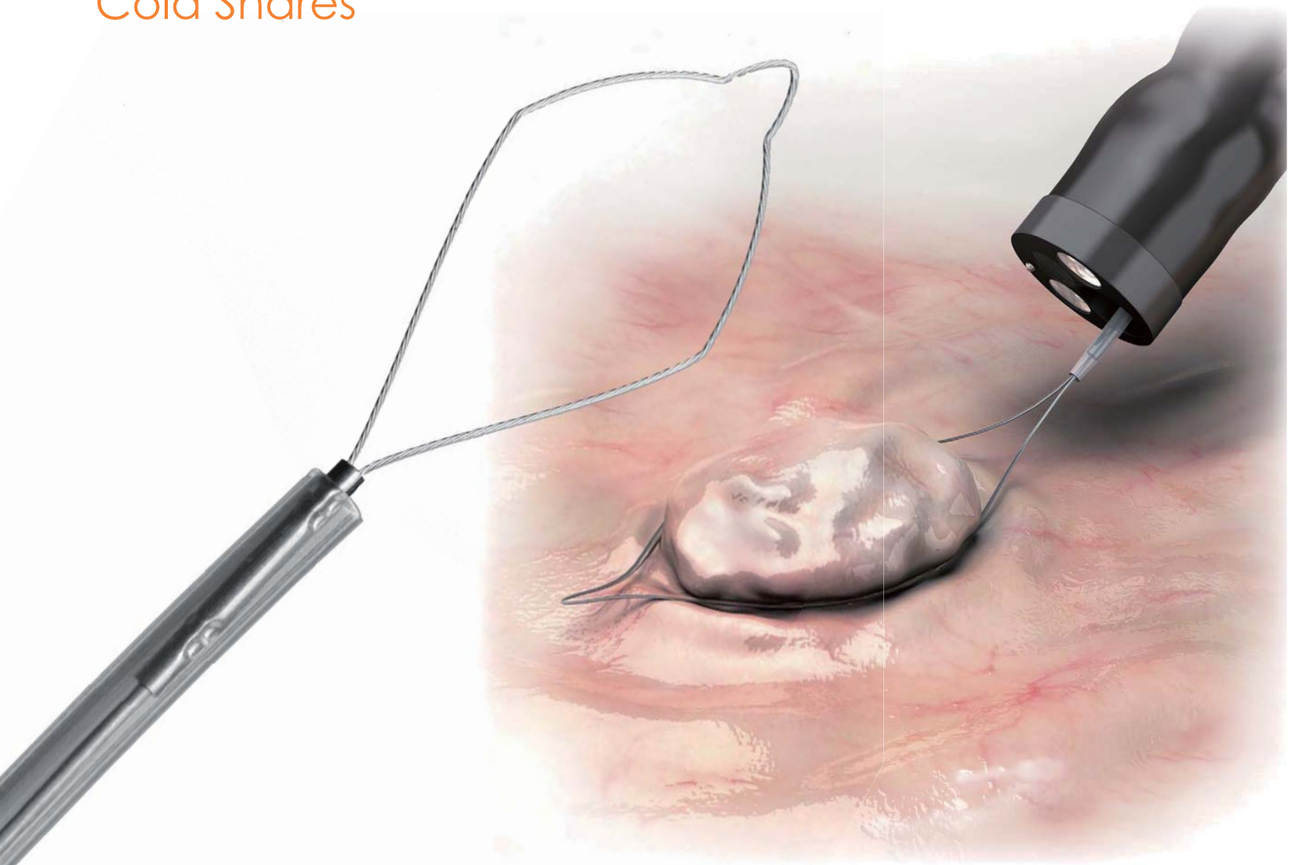
The special stranded wire of DailySnare endows the snare with the radial force it needs to open and be controlled in any position, easily and reliably.
DailySnare has proved its worth as a reliable solution in daily routine work owing to its enormous dimensional stability and good cutting properties.

The snare offers distinctly more operating comfort thanks to a simple as congenial idea: The power connection has been separated from the 2-ring conductor and can swivel around its own axis. This allows for a smooth opening of the snare even if the power cord is connected. The power cord is thus kept away from your hand.

Specifications:

REF	Technical data		Configuration	
	Ø (mm)	Length (mm)	Ø (mm)	Form
PFS01-01023230	2.3	2300	10	oval
PFS01-01523230	2.3	2300	15	oval
PFS01-02423230	2.3	2300	24	oval
PFS01-03623230	2.3	2300	36	oval

Cold Snares



Product Description:

- Designed for diminutive polypectomy.
- Specially designed thin loop wires allowing for a clean guillotine cut.
- Two loop sizes available.

Specifications:

REF	Loop Dia. (mm)	Sheath Dia. (mm)	Working Length (mm)
CS3-11023230	10	2.3	2300
CS3-11523230	15	2.3	2300

Polyp Trap

Performance Characteristics:

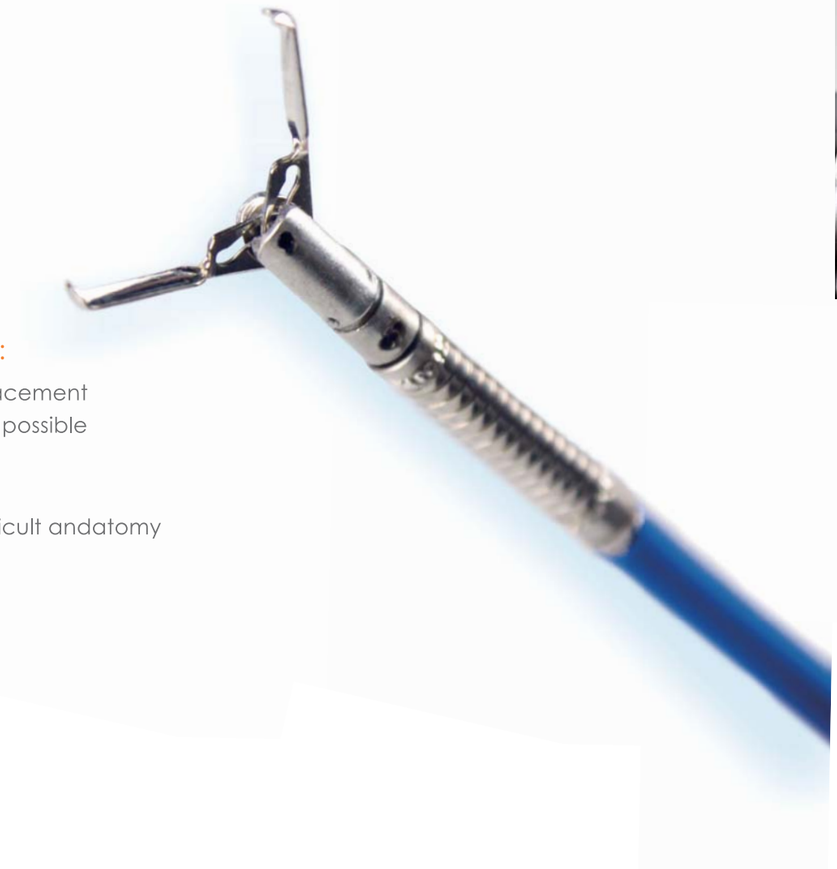
- Individual packaging
- Easyin-lineinstallation
- Multi-chamber allows for multiple samples
- Visual markers for each chamber
- Single Patient Use

Specifications:

REF	Chamber
BBP-50	Four chambers

Hemoclips

The innovative clipping system from MICRO-TECH combines precise positioning with a reliable holding force. This makes the system suitable for effective hemostasis as well as for endoscopic markings. The rotatable clip can be opened and closed multiple times, thus facilitating the exact repositioning of the clip. The clip can be used with any endoscopes equipped with working channels with a minimum diameter of 2.8 mm.



Performance Characteristics:

- Rotatable design for precise placement
- Repeated opening and closing possible
- Excellent holding power
- Wide opening
- Smooth running even under difficult andatomy

Wide range of about 12 mm

Specifications:

REF	opening Diameter (mm)	Working Length (mm)	Shealth Diameter (mm)
ROCC-D-26-195-C	12mm (max)	1950	2.6
ROCC-D-26-230-C	12mm (max)	2300	2.6

Injection Needles

Indications for endoscopy to introduce a sclerosing agent or vasoconstrictor into selected sites to control actual or potential bleeding lesions in the digestive system; and the injection of saline to aid in Endoscopic Mucosal Resection (EMR), polypectomy procedures and to control non-variceal hemorrhage.

Performance Characteristics:

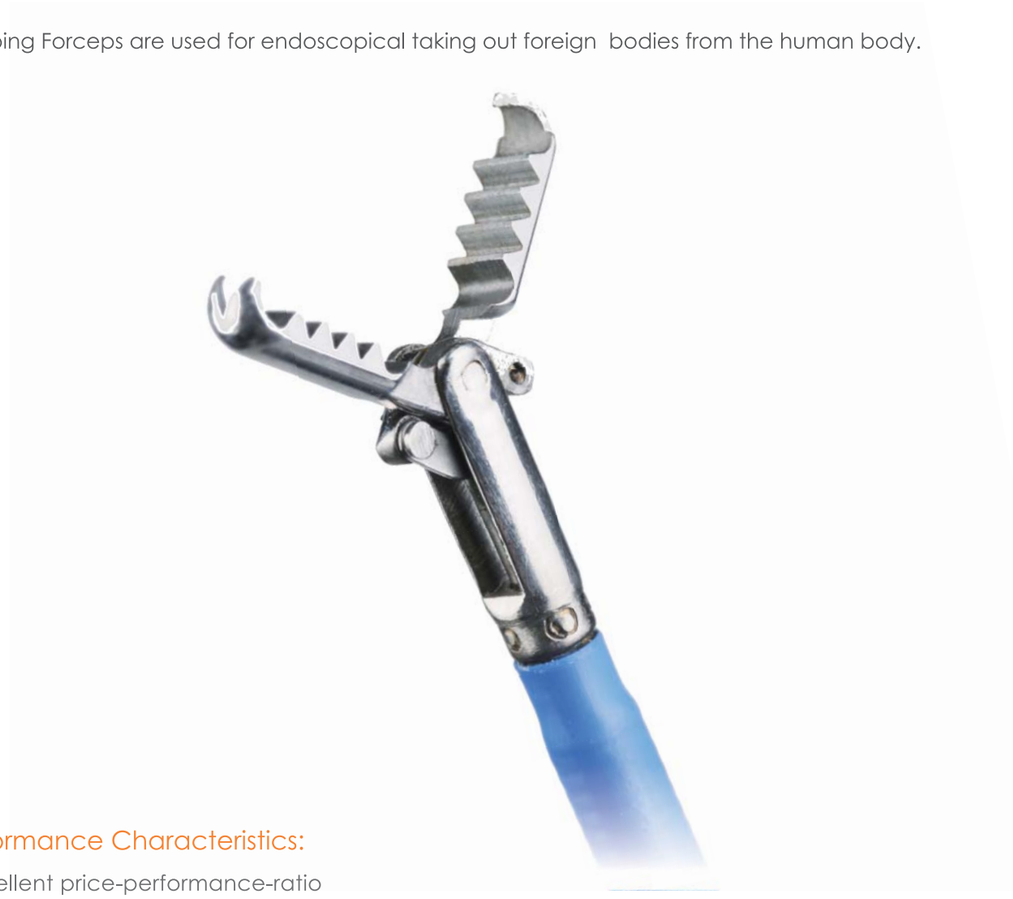
- Lock to ensure that it would not accidentally extend during insertion to damage the scope and to have a stable needle penetration.
- Needle release button design, gently press the button to return the needle fully into the sheath for protecting the endoscope from any damage.
- Ergonomic handle design: complete needle insertion and with drawal with one hand.

Specifications:

REF	Need Dia. (G)	Needle Length (mm)	Catheter Dia. (mm)	Working Length (mm)
IN12-225231802	22	5	2.3	1800
IN12-225232302	22	5	2.3	2300
IN12-255231802	22	5	2.3	1800
IN12-255232302	22	5	2.3	2300

Foreign Body Forceps

Grasping Forceps are used for endoscopical taking out foreign bodies from the human body.



Performance Characteristics:

- Excellent price-performance-ratio
- Adequate forceps opening width, available to take out large size foreign bodies
- Ergonomic handle design with the opening/closing operation of the forceps cups by only one hand.

Tooth

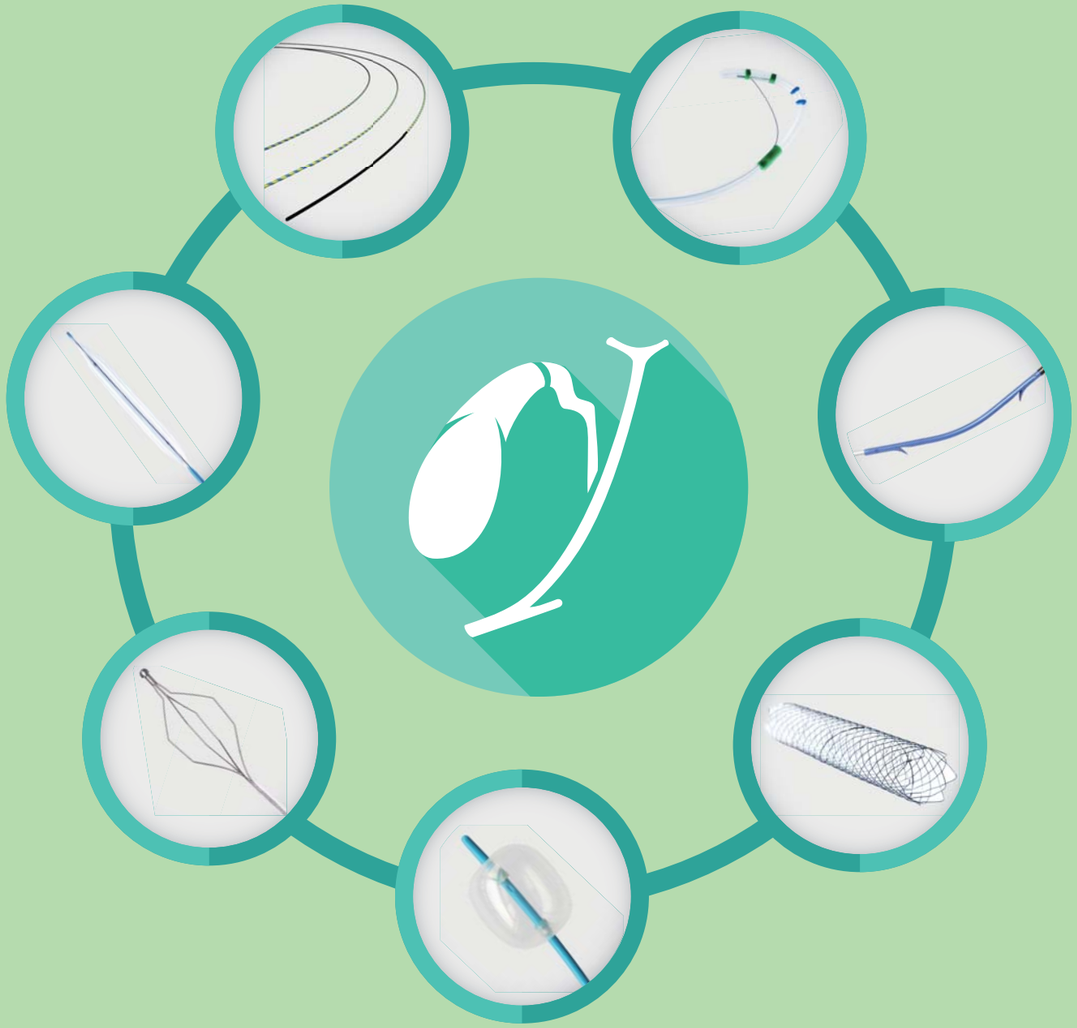
Rat Tooth

Griffin

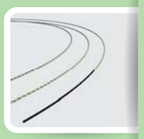
Specifications:

REF	Working Length(mm)	Tube Dia.(mm)	Clamp type
Foreign Body Forceps without coating			
NGF01-11023180	1800	2.3	Rat Tooth
NGF01-11023230	2300	2.3	Rat Tooth
NGF01-11023260	2600	2.3	Rat Tooth
NGF11-11023180	1800	2.3	Tooth
NGF11-11023230	2300	2.3	Tooth
NGF11-11023260	2600	2.3	Tooth
Foreign Body Forceps with PE coating			
NGF03-11023180	1800	2.3	Rat Tooth
NGF03-11023230	2300	2.3	Rat Tooth
NGF03-11023260	2600	2.3	Rat Tooth
NGF13-11023180	1800	2.3	Tooth
NGF13-11023230	2300	2.3	Tooth
NGF13-11023260	2600	2.3	Tooth
NGF33-11023100	1000	2.3	Griffin
NGF33-11023120	1200	2.3	Griffin
NGF33-11023160	1600	2.3	Griffin
NGF33-11023180	1800	2.3	Griffin
NGF33-11023230	2300	2.3	Griffin
NGF33-11023260	2600	2.3	Griffin

Biliary



· Papillotomes



· Guide Wires

· Dilation Balloons

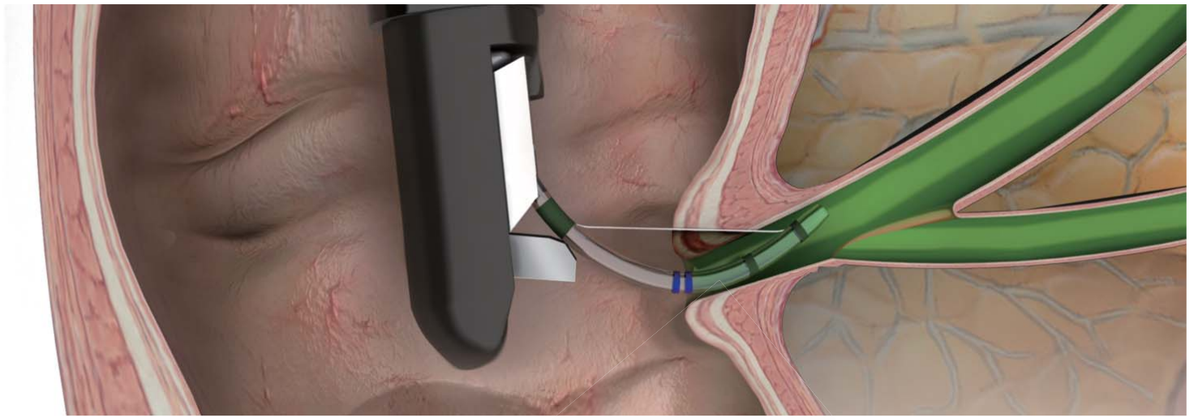
· Stone Extraction Baskets

· Stone Extraction Balloons

· Biliary Stents

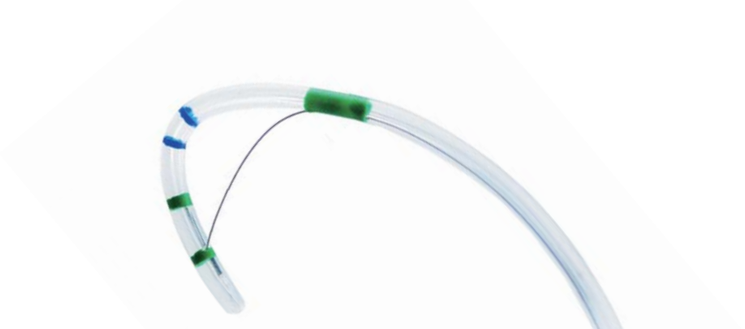
· Plastic Biliary Stents

Papiliotomes



Performance Characteristics:

- Tapered tip
- Monofilament cutting wire

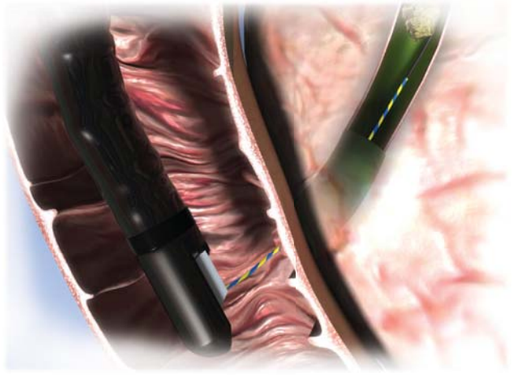


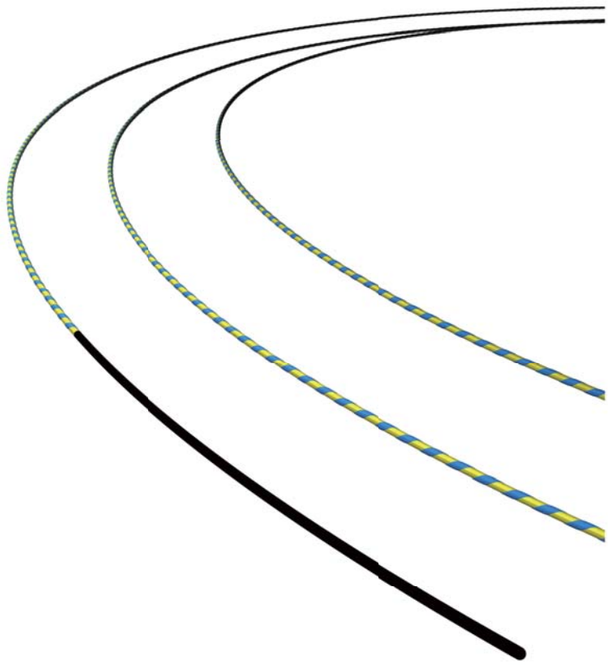
Specifications:

REF	Lumen	Tip Length (mm)	Working Length (mm)	Cutting wire	Insulation coating
DSP-30520-111111	3	5	2000	25mm	NO
DSP-30225-111111	3	2	2000	25mm	NO
DSP-30025-111111	3	0	2000	25mm	NO
DSP-30525-111211	3	5	2000	25mm	YES

Guide Wires

The Guide Wires program ideally complements the range of stents and thus facilitates their exact positioning and placement. All guide wires are manufactured out of bending-resistant and torsion-proof Nitinol. Owing to their hydrophilic tips, the wires safely find their way even into areas and stenoses which are hard to reach. This is supported by the wire's high rigidity and controllability.





Performance Characteristics:

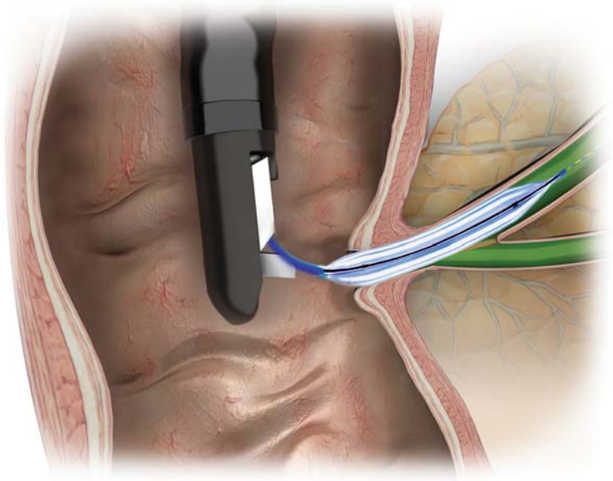
- The core is made of super elastic alloy to prevent kinking.
- The atraumatic distal tip is made of soft polymeric material with hydrophilic coating to facilitate ease of cannulation.

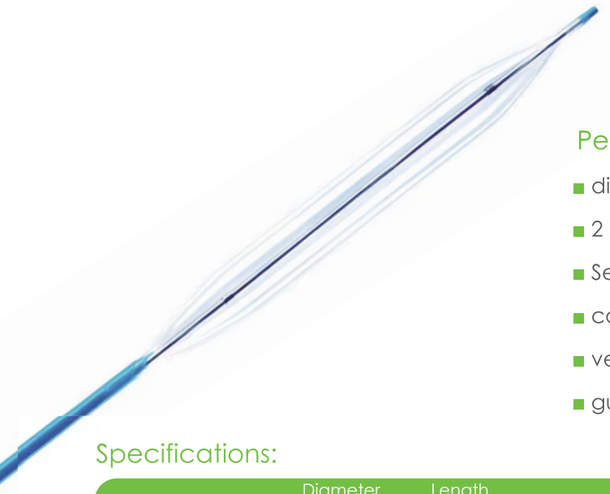
Specifications:

REF	Diameter （in）	Working Length （mm）	Tip Type	Color
MTN-BM-89/45-A	0.035	4500	Straight	Yellow&Blue
MTN-BM-63/45-A	0.025	4500	Straight	Yellow&Blue
MTN-BM-89/45-A-J	0.035	4500	J Style	Yellow&Blue

Dilation Balloons

The balloons are characterised by a series of features which guarantee maximum therapeutic success. For instance, two X-ray markings indicate the precise working length of the balloon, thereby ensuring its precise positioning. Under application of pressure, the balloon very rapidly acquires its precisely predefined expansion width. Furthermore, the high-pressure design ensures that the balloon retains its shape over the entire working length, thereby allowing optimum dilation success.





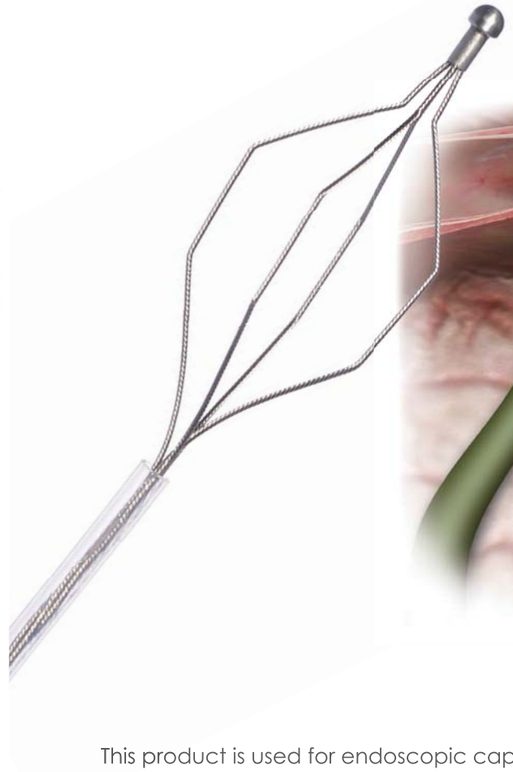
Performance Characteristics:

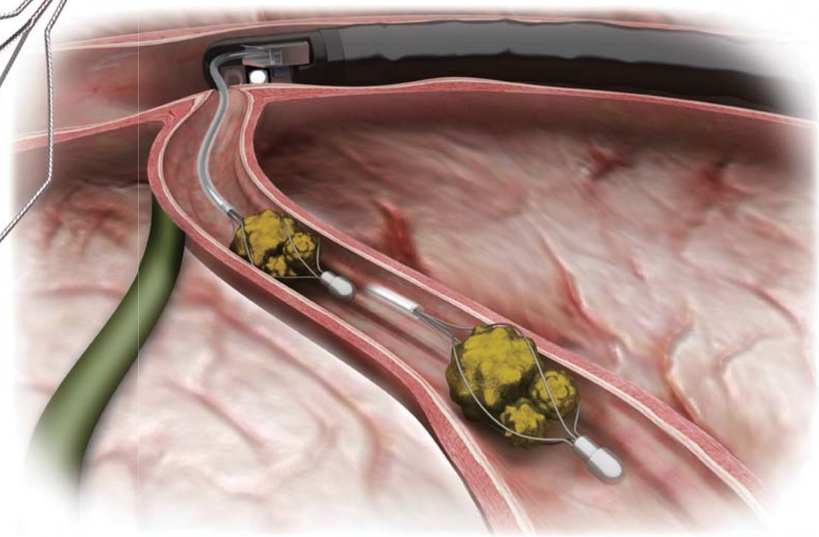
- dimensionally stable high pressure design.
- 2 X-ray markings.
- Separate guide wire and insufflation lumens
- conical shaped catheter tip
- very rapid expansion
- guide-wire compatible up to 0.035 inches.

Specifications:

REF	Diameter of Balloon (mm)	Length of balloon (mm)	Working Length (mm)	Type of Catheter	Nominal pressure (atm)	Type of Guide Wire
BDC-6/55-7/18-A	6	55	1800	Dual Lumen	8	Medical Guide Wire
BDC-6/55-7/24-A	6	55	2400	Dual Lumen	8	Medical Guide Wire
BDC-6/80-7/18-A	6	80	1800	Dual Lumen	8	Medical Guide Wire
BDC-6/80-7/24-A	6	80	2400	Dual Lumen	8	Medical Guide Wire
BDC-8/55-7/18-A	8	55	1800	Dual Lumen	8	Medical Guide Wire
BDC-8/55-7/24-A	8	55	2400	Dual Lumen	8	Medical Guide Wire
BDC-8/80-7/18-A	8	80	1800	Dual Lumen	8	Medical Guide Wire
BDC-8/80-7/24-A	8	80	2400	Dual Lumen	8	Medical Guide Wire
BDC-10/55-7/18-A	10	55	1800	Dual Lumen	8	Medical Guide Wire
BDC-10/55-7/24-A	10	55	2400	Dual Lumen	8	Medical Guide Wire
BDC-10/80-7/18-A	10	80	1800	Dual Lumen	8	Medical Guide Wire
BDC-10/80-7/24-A	10	80	2400	Dual Lumen	8	Medical Guide Wire

Stone Extraction Baskets





This product is used for endoscopic capture and extraction of biliary calculi.

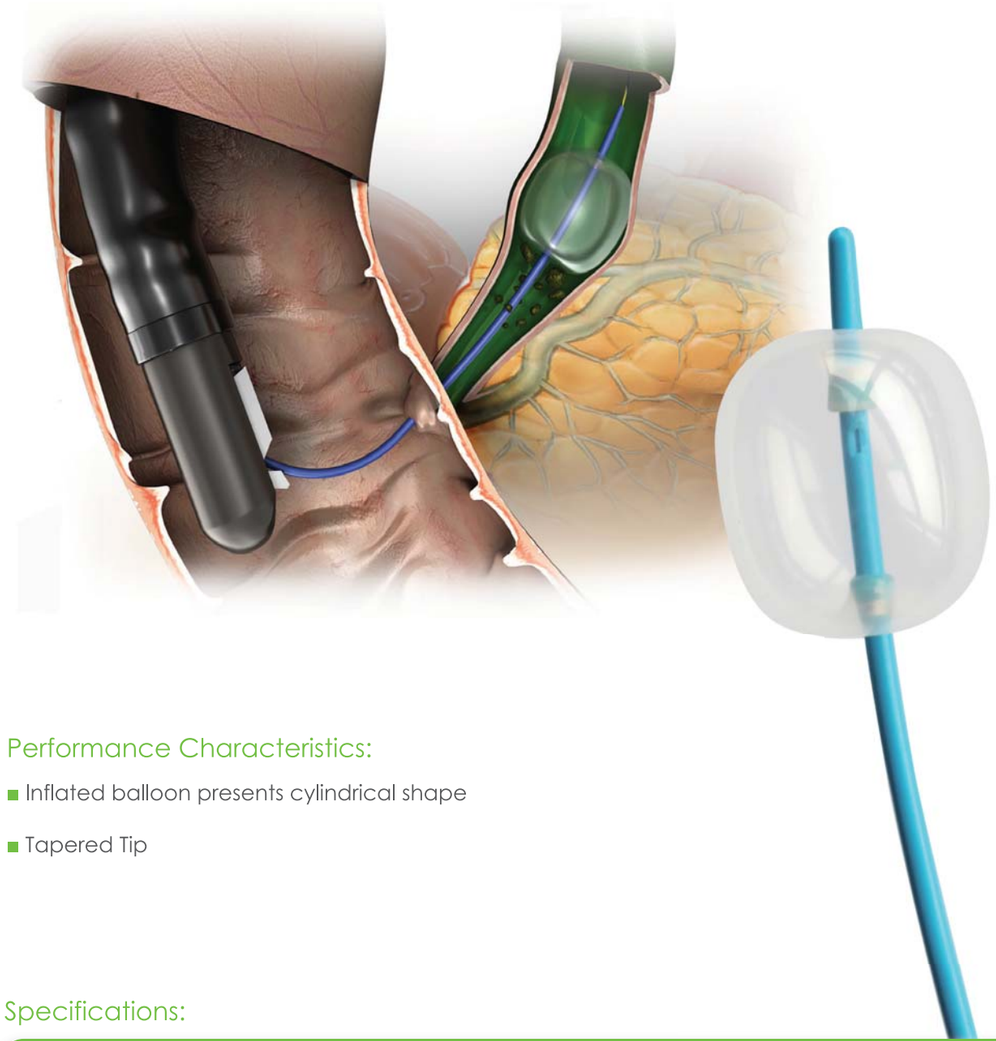
Performance Characteristics:

- Specially designed cable to ensure good shape retention.
- Autorotation during basket withdrawal allows for easier capture and better stone retention.

Specifications:

REF	Basket Diameter (mm)	Sheath Diameter (mm)	Working Length (mm)	Description
SEB-A-20/40-7/200	20	2.4	2000	4 Wires, Hexagonal
SEB-A-25/45-7/200	25	2.4	2000	4 Wires, Hexagonal
SEB-A-30/50-7/200	30	2.4	2000	4 Wires, Hexagonal
SEB-A-35/55-7/200	35	2.4	2000	4 Wires, Hexagonal

Stone Extraction Balloons



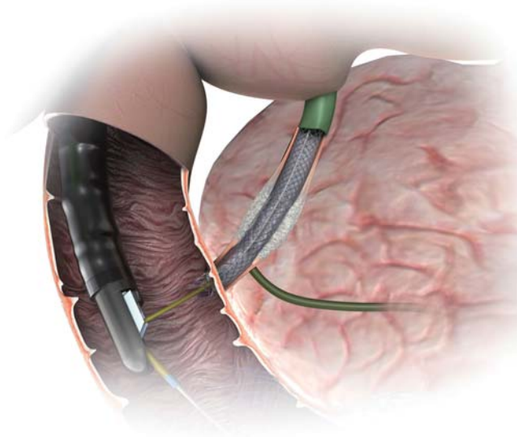
Performance Characteristics:

- Inflated balloon presents cylindrical shape
- Tapered Tip

Specifications:

REF	Lumen	Sheath Diameter (Fr)	Balloon Diameter (mm)	Working Length (mm)
SRB-T-9/12/15-20	3	7Fr	9/12/15	2000
SRB-T-12/15/18-20	3	7Fr	12/15/18	2000
SRB-T-15/18/21-20	3	7Fr	15/18/21	2000

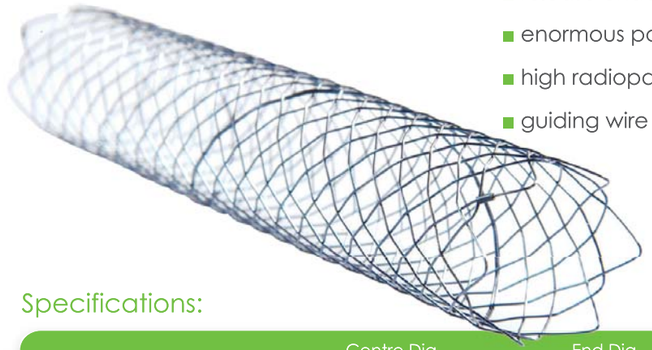
Biliary Stents



The Biliary Stent is preloaded on the delivery system for ERCP or PTCD. The stent for ERCP is placed through the working channel of the endoscope. The system is introduced into the biliary duct through the papilla under visual control.

Performance Characteristics:

- self-expanding
- available for TTS and PTCD
- Nitinol wire mesh with atraumatic ends
- release under visual endoscopiccontrol
- enormous position stability
- high radiopacity
- guiding wire passable to a maximum of 0.035 inches

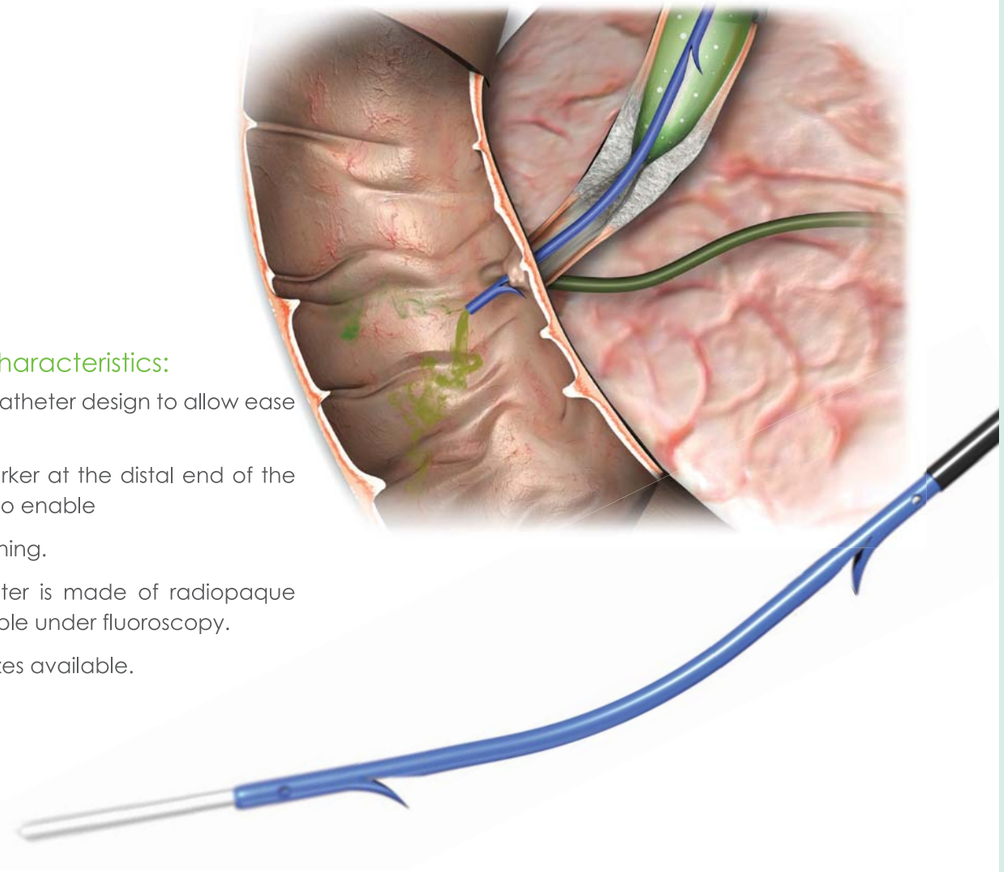


Specifications:

REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)
Stents Without Covering				
ST03-001.10.040	10	10	40	Without
ST03-001.10.060	10	10	60	Without
ST03-001.10.080	10	10	80	Without
ST03-001.10.100	10	10	100	Without
Stents With Partial Covering				
ST03-002.10.040	10	10	40	30
ST03-002.10.060	10	10	60	50
ST03-002.10.080	10	10	80	70
ST03-002.10.100	10	10	100	90
Stents With end-to-end Covering				
ST03-003.10.040	10	10	40	40
ST03-003.10.060	10	10	60	60
ST03-003.10.080	10	10	80	80

Plastic Biliary Stents

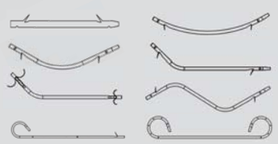
This product is indicated for biliary drainage.



Performance Characteristics:

- Simple delivery catheter design to allow ease of placement.
- Radiopaque marker at the distal end of the delivery Catheter to enable
- accurate positioning.
- Drainage catheter is made of radiopaque material, easily visible under fluoroscopy.
- Wide range of sizes available.

Specifications:

Product Name	Stent shape	Diameter (Fr)	Length (mm)
Plastic Biliary Stents		7, 8.5, 10, 11.5	50-150

*Please refer to "Ordering Guide of Plastic Biliary Stents" for more information.

GUIDE WIRES

- Guide wires

BIOPSY

- Disposable Biopsy Forceps
- Cytology Brushes

DILATION

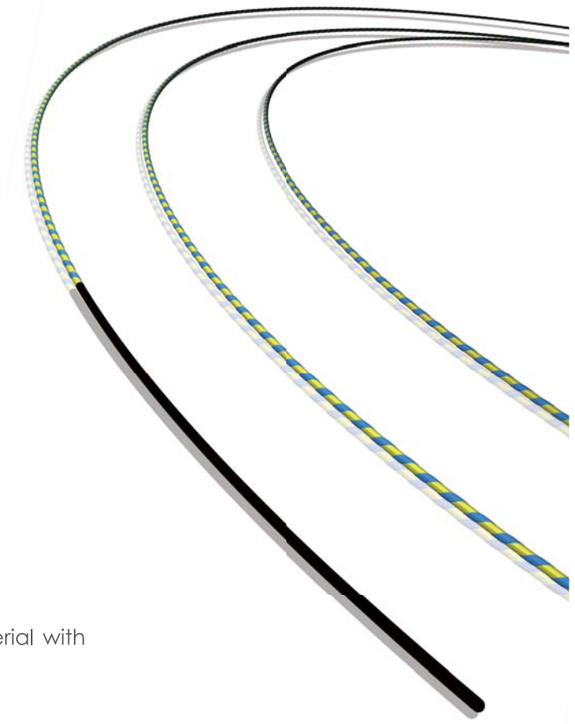
- Dilation Balloons

METAL STENTS

- Tracheal/Bronchial Stents
- Y-Shape Tracheal Stents
- J-Shape Tracheal Stents
- Bronchial Stump Fistula-Occluding Stents

Guide Wires

The Guide Wires program ideally complements the range of stents and thus facilitates their exact positioning and placement. All guide wires are manufactured out of bending-resistant and torsion-proof Nitinol. Owing to their hydrophilic tips, the wires safely find their way even into areas and stenoses which are hard to reach. This is supported by the wire's high rigidity and controllability.



Performance Characteristics:

- The core is made of super elastic alloy to prevent kinking.
- The atraumatic distal tip is made of soft polymeric material with hydrophilic coating to facilitate ease of cannulation.

Specifications:

	Diameter (In)	Working Length (mm)	Tip Type	Color
MTN-BM-89/26-A	0.035	2600	Straight	Yellow&Blue
MTN-BM-63/26-A	0.035	2600	Straight	Yellow&Blue

Disposable Biopsy Forceps

The wide choice of disposable biopsy forceps ensures that you are perfectly equipped for every application. The excellent cutting edge of the biopsy forceps allows you to take diagnostically conclusive tissue samples in a safe, easy manner.

Performance Characteristics:

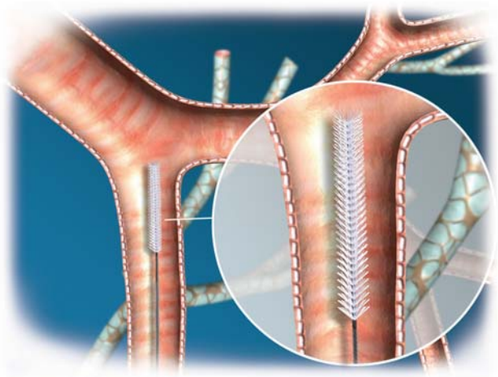
- reliability
- very comfortable to use
- diagnostically conclusive biopsies
- wide product variety
- high quality riveted scissors joints
- working channel-friendly design

Specifications:

REF	Diameter (mm)	Working Length (cm)	Spike	Coating	Jaws
Forceps without coating					
NBF11-11018180	1.8	180	no	without	serrated
NBF01-11118120	1.8	120	yes	without	standard
Forceps with coating					
NBF02-11018120	1.8	120	no	grey	standard
NBF02-11118180	1.8	180	yes	yellow	standard

Cytology Brushes

The MICRO-TECH cytology brush can be very easily pushed forward to the desired site through the endoscope and the lesion can then actually be brushed off without effort. The thin bristles enable a tissue-sparing cytologic smear. The plastic tube and the distal ball for closure protect the tissue sample when the device is retracted. A potential contamination of the sample or even a loss of sample is thus excluded.



Performance Characteristics:

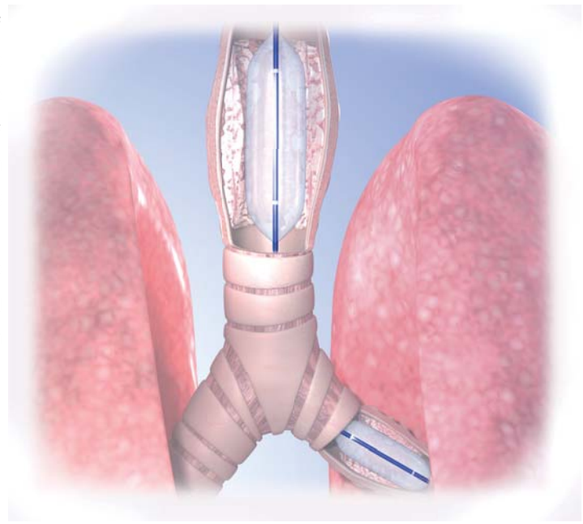
- thin brushes for an optimal collection of cells
- includes plastic tube and metal head for closure
- for endoscopes with a workingchannel diameter above 2.0 mm
- sterile single packaging

Specifications:

	Brush Dia. (mm)	Working Length (mm)	Sheath Dia. (mm)	Brush Shape	Sheath
CYB-60S-10A	6.0	1000	1.8	Straight	No
CYB-24S-12C	2.4	1200	1.8	Straight	Yes
CYB-30S-12C	3.0	1200	1.8	Straight	Yes
CYB-40S-12C	4.0	1200	2.3	Straight	Yes

Dilation Balloons

The balloons are characterised by a series of features which guarantee maximum therapeutic success. For instance, two X-ray markings indicate the precise working length of the balloon, thereby ensuring its precise positioning. Under application of pressure, the balloon very rapidly acquires its precisely predefined expansion width. Furthermore, the high-pressure design ensures that the balloon retains its shape over the entire working length, thereby allowing optimum dilation success.



Performance Characteristics:

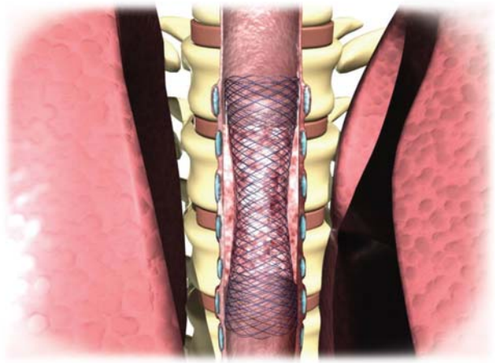
- dimensionally stable high pressure design
- 2 X-ray markings
- separate guide wire and insufflation lumens
- conical shaped catheter tip
- very rapid expansion
- guide-wire compatible up to 0.035 inches

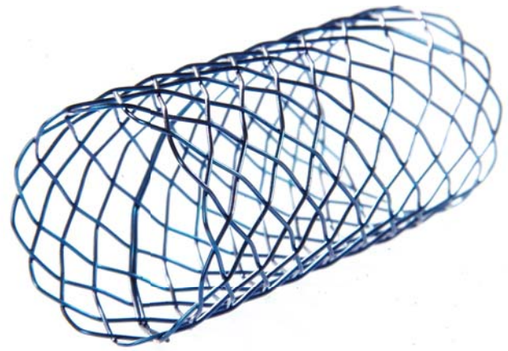
Specifications:

REF	Balloon Dia. (mm)	Balloon Length (mm)	Catheter Dia. (Fr.)	Working Length (mm)
BDC-10/30-7/10-A	10	30	7	1000
BDC-12/30-7/10-A	12	30	7	1000
BDC-10/55-7/10-A	10	55	7	1000
BDC-12/55-7/10-A	12	55	7	1000

Tracheal/Bronchial Stents

The highly varied selection of self-expanding stents for the respiratory tracts offers you the right solution for every indication. All in all, seven different diameters between 8 and 20 mm in addition to six different lengths of between 20 to 80 mm are available. Spherical ends in addition to the high radial force of the stent ensure a firm hold and minimise migration risk.





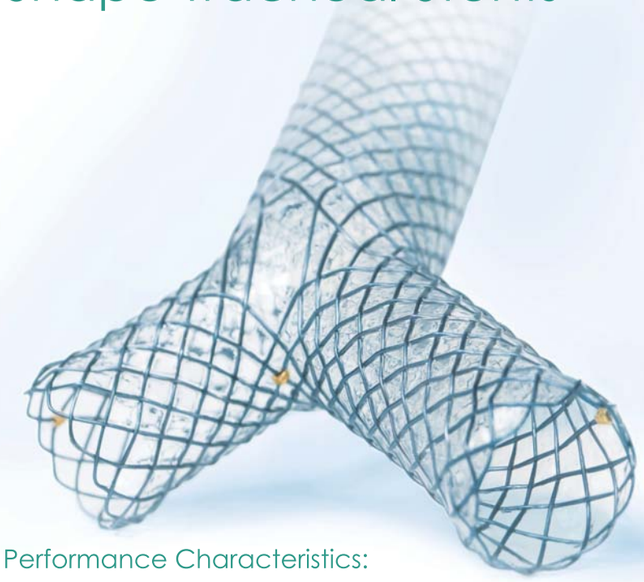
Performance Characteristics:

- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- fully covered stents available
- high radiopacity
- guide wire-compatible up to 0.035 inches

Specifications:

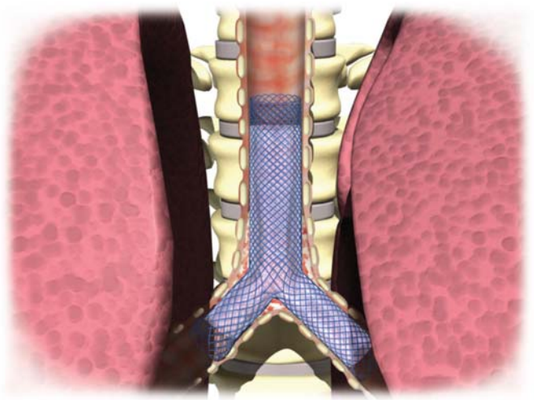
REF	Centre Dia. (mm)	End Dia. (mm)	Length (mm)	Covering (mm)
Stent without covering				
ST02-331-10.040	10	12	40	Without
ST02-331-12.045	12	14	45	Without
ST02-331-14.050	14	16	50	Without
Stent with partially covering				
ST02-332.14.050	14	16	50	45
ST02-332.16.060	16	18	60	55
Stent with end-to-end covering				
ST02-334.14.050	14	16	50	50
ST02-334.16.060	16	18	60	60

Y-Shape Tracheal Stents



A world innovation.

MICRO-TECH is the world's first company to present a self-expanding Y-stent for bypassing respiratory tract stenoses in the area around the carina. Its innovative design ensures a stable position and guarantees significant treatment advances in the trachea and in both main bronchi.



Performance Characteristics:

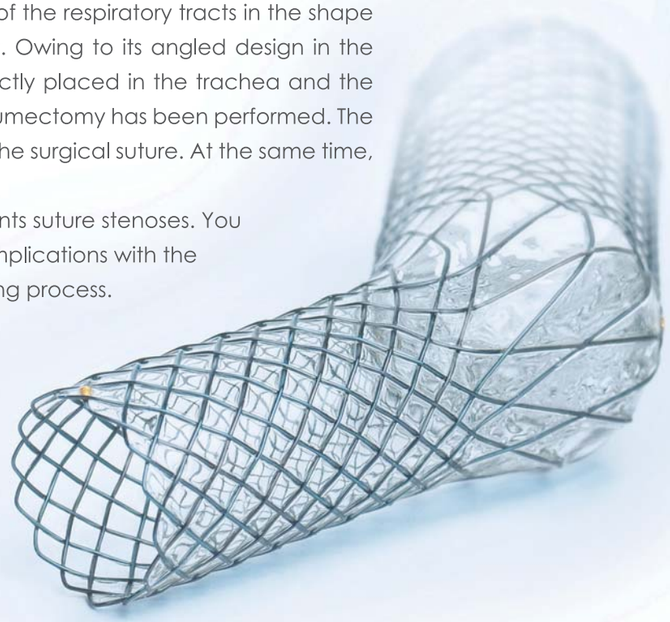
- Y-design
- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- high radiopacity
- compatible for 2 guide wires of up to 0.035 inches

Specifications:

REF	Trachea Dia. (mm)	Trachea Length (mm)	Main Bronchi Dia. (mm)	Main Bronchi Length (mm) Right/Left	Covering (no covering) Right/Left (mm)
Stent without covering					
ST02-961.20.045	20	45	14	20/30	without
Stent with Partial covering					
ST02-962.16.040	16	40	12	20/30	20(5)/30
ST02-962.20.050	20	50	14	20/30	20(5)/30
Stent with end-to-end covering					
ST02-964.20.050	20	50	14	20/30	20/30

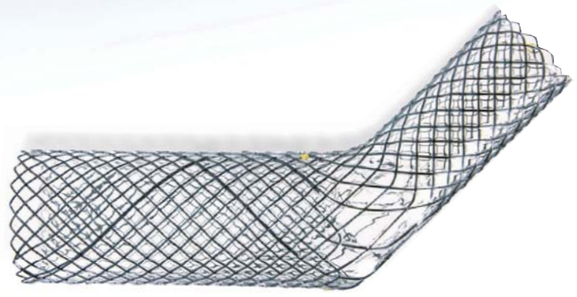
J-Shape Tracheal Stents

MICRO-TECH would like to introduce an additional special stent designed specifically for treatment of the respiratory tracts in the shape of the selfexpanding Carina-J-Stent. Owing to its angled design in the form of a J, the stent can be perfectly placed in the trachea and the remaining main bronchus after pneumectomy has been performed. The completely covered stent protects the surgical suture. At the same time, it seals any existing suture insufficiencies and effectively prevents suture stenoses. You can therefore reduce the risk of complications with the J-stent and assist the patient's healing process.



Performance Characteristics:

- angled J-design
- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- complete covering
- high radiopacity
- guide wire-compatible up to 0.035 inches

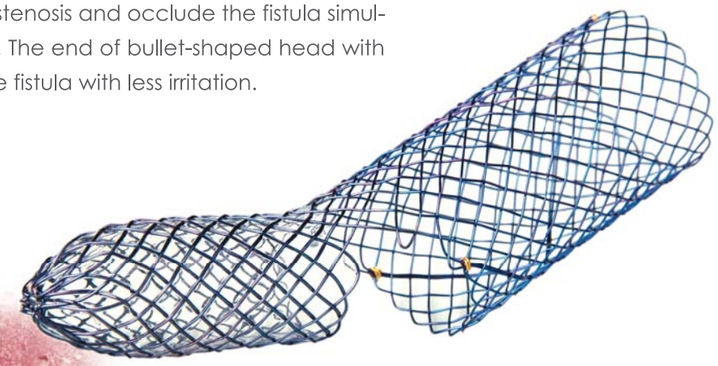


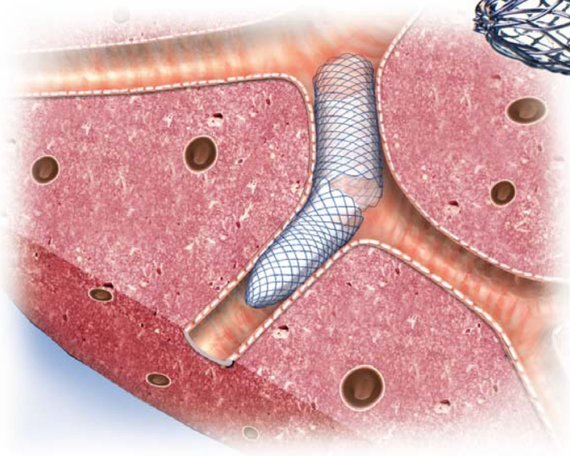
Specifications:

REF	Trachea Dia. (mm)	Trachea Length (mm)	Main Bronchi Dia. (mm)	Main Bronchi Length (mm)	Covering (mm)
Stent with end-to-end covering					
ST02-974.16.040	16	40	12	30	40 + 30
ST02-974.20.050	20	50	14	30	50 + 30

Bronchial Stump Fistula-Occluding Stents

This stent is specially designed to bridge stenosis and occlude the fistula simultaneously in the area around the carina. The end of bullet-shaped head with double covering effectively occludes the fistula with less irritation.





Performance Characteristics:

- Perfectly match the anatomical structure of tracheal-carina
- self-expanding
- Nitinol mesh with atraumatic ends
- excellent positional stability
- high radial force
- resistant and elastic covering
- complete covering
- high radiopacity
- guide wire-compatible up to 0.035 inches

Specifications:

REF	Trachea Dia. (mm)	Trachea Length (mm)	Main Bronchi Dia. (mm)	Main Bronchi Length (mm)
Stent with end-to-end covering				
ST02-954.10.040	10	40	8	20
ST02-954.12.045	12	45	8	20
ST02-954.14.050	14	50	8	20
ST02-954.16.060	16	60	10	20

Accessories

· Disposable Cleaning Brushes

· Disposable Bite Blocks

· Working Channel Valve

Disposable Cleaning Brushes

The disposable cleaning brushes from MICRO-TECH ensure a perfectly cleaned endoscope, thus reducing the risk of cross-contamination to a minimum.

Performance Characteristics:

- 2 brush heads for time-saving cleaning
- protective beads on the brush heads
- brushes made of resistant nylon
- individually hygienically packed

Specifications:

REF	Catheter Dia. (mm)	Brushes Dia. (mm)	Working Length (mm)
Cleaning Brushes with one head			
CB18-0050/18	1.8	5	1800
CB18-T0050/23	1.8	5~7 Tapered	2300
Cleaning Brushes with two heads			
CB16-5050/23	1.6	5 / 5	2300
CB18-3030/10	1.8	3 / 3	1000
CB18-3030/18	1.8	3 / 3	1800
CB18-3030/23	1.8	3 / 3	2300
CB18-5050/23	1.8	5 / 5	2300
CB18-6060/23	1.8	6 / 6	2300
CB18-T5050/23	1.8	5~7 / 5~7 Tapered	2300
CB18-T50110/23	1.8	5~7 Tapered / 11	2300
CB23-5050/23	2.3	5 / 5	2300
CB23-T5050/23	2.3	5~7 / 5~7 Tapered	2300
Cleaning Brushes set			
CB18-T0050/23-B	1.8	5~7 Tapered	2300
* CB13-50120/01	1.3	5 / 12	-
CB18-T5050/23-A	1.8	5~7 / 5~7 Tapered	2300
* CB13-00120/00	1.3	12	-
CB18-T5050/23-B	1.8	5~7 / 5~7 Tapered	2300
* CB13-50120/01	1.3	5 / 12	-

Disposable Bite Blocks

Different models are available: standard, pediatric and mouth-guards with a special a traumatic design.

Performance Characteristics:

- superior design
- smooth skin to enhance patient comfort
- large and flexible openings allowing the scope passage and finger-assisting simultaneously
- strap available to improve safety and convenience

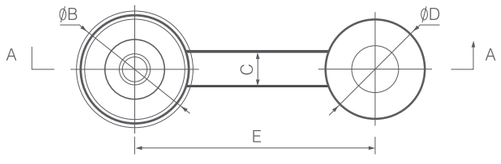
Specifications:

REF	Description
AC01-102.A	The adult Bite Block
AC01-103.A	The adult Bite Block with head strap (LATEX free)
AC01-102.P	The pediatric Bite Block
AC01-103.P	The pediatric Bite Block with head strap (LATEX free)
AC01-160	The head strap (LATEX free)

Working Channel Valves

Performance Characteristics:

- Used for tucking in the entry of endoscope channel
- Prevent the contents in working channel from reflux without obstructing normal endoscopic procedures
- The channel valves fit on Olympus and Pentax endoscopes



Specifications:

REF	Description
AC03-101.O	Blue, compatible with OLYMPUS/Fujinon endoscopes
AC03-101.P	Red, compatible with Pentax endoscopes

Unit Conversion Table

French（F）	Inch（in）	Millimetre（mm）
3F	0.039	1
4F	0.053	1.35
5F	0.066	1.67
6F	0.079	2
7F	0.092	2.3
8F	0.105	2.7
9F	0.118	3
10F	0.131	3.3
11F	0.144	3.7
12F	0.158	4
13F	0.17	4.3
14F	0.184	4.7
15F	0.197	5
16F	0.21	5.3
17F	0.223	5.7
18F	0.236	6
19F	0.249	6.3
20F	0.263	6.7
21F	0.268	7.3
24F	0.31	8
26F	0.341	8.7
28F	0.367	9.3
30F	0.393	10
32F	0.419	10.7
34F	0.445	11.3

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