MICRO-TECH
ENDOSCOPY

NITINOL STENTS

GASTROINTESTINAL

YOUR **TRUSTED** PARTNER IN ENDOSCOPY

NITINOL STENTS FOR GASTROENTEROLOGY

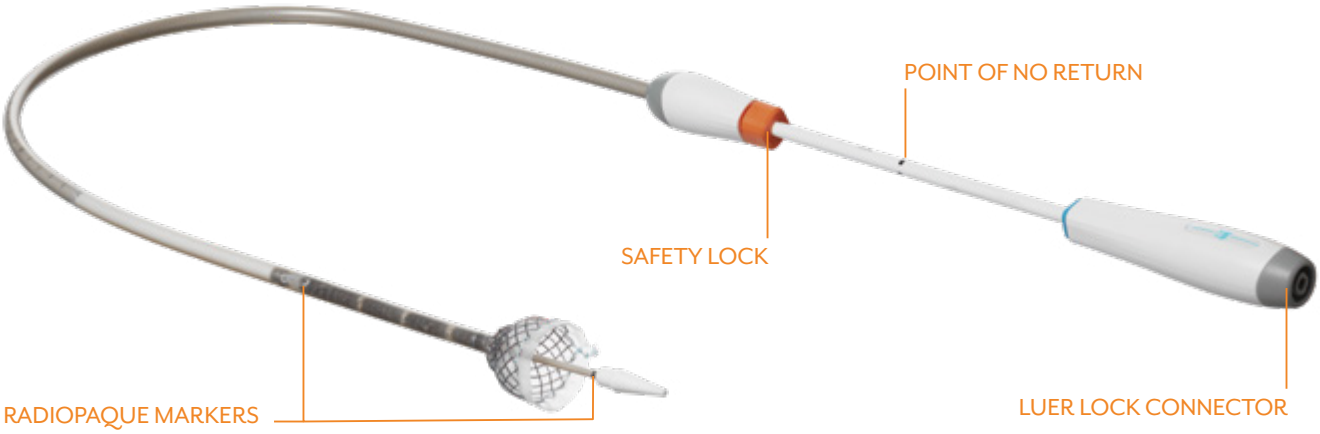
The safe and effective bridging of strictures and leakages in the gastrointestinal tract places high demands on the quality of a stent. As one of the world's leading suppliers, MICRO-TECH offers a comprehensive range of Nitinol stents – developed to address a wide variety of indications and clinical challenges.

Each stent is manufactured from a single Nitinol wire. This seamless design significantly reduces the risk of fractures at connection points and ensures exceptionally high mechanical stability. Every stent is carefully handcrafted – for precision, durability, and reliable performance in everyday clinical practice.

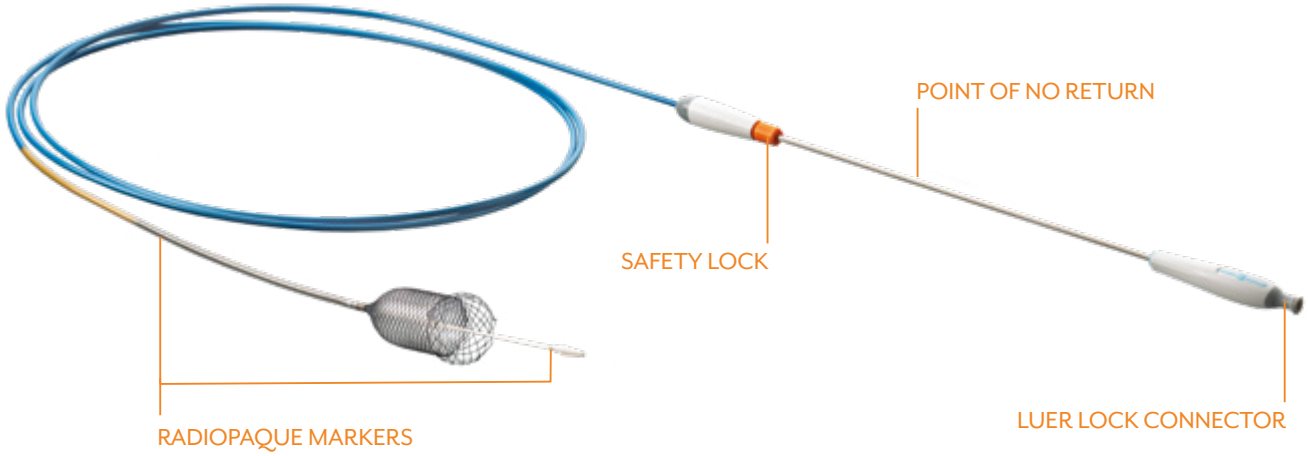
It is not only the quality of the stent that matters, but also the suitability of the introducer system: precise placement is crucial for therapeutic success. The introducer system facilitates safe and controlled deployment. MICRO-TECH offers its stents with a choice of introducer systems: over-the-wire (OTW) and through-the-scope (TTS). This allows for optimal adaptation of placement to the specific clinical situation.

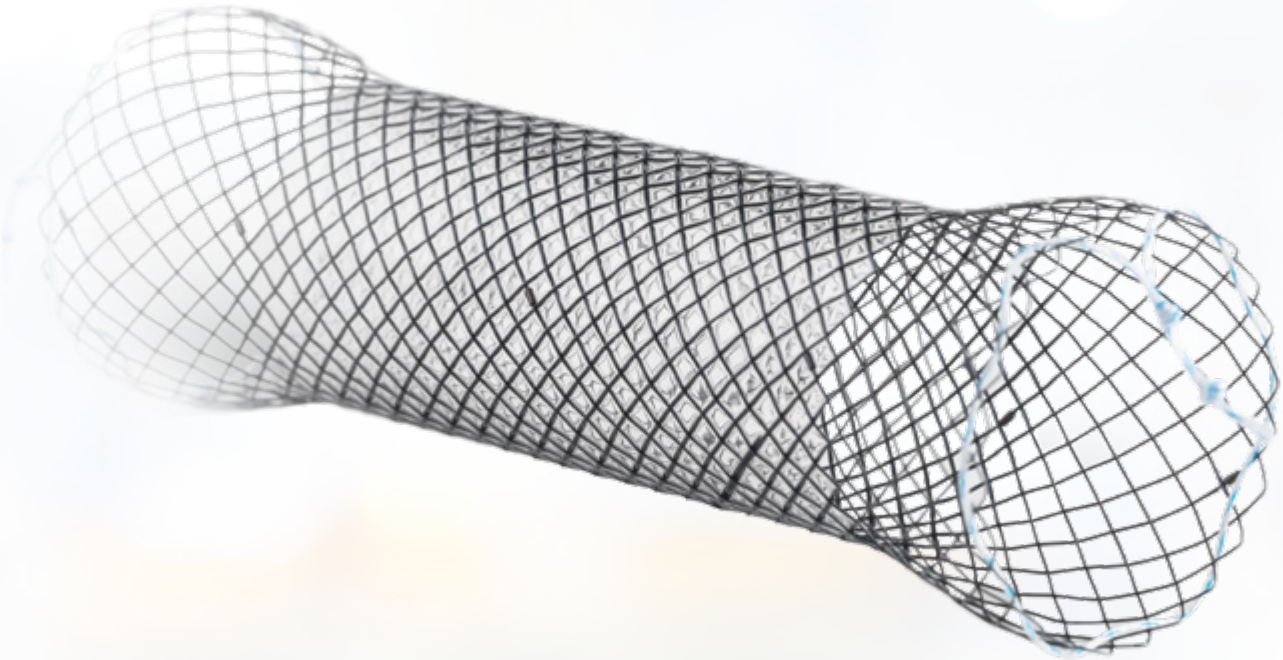
OUR INTRODUCER SYSTEMS

OVER THE WIRE (OTW)



THROUGH THE SCOPE (TTS)





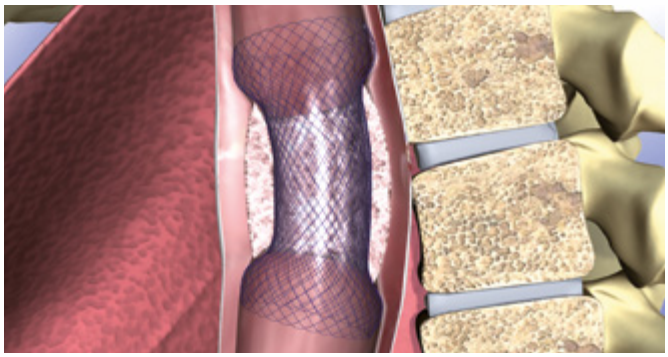
OESOPHAGUS STENTS

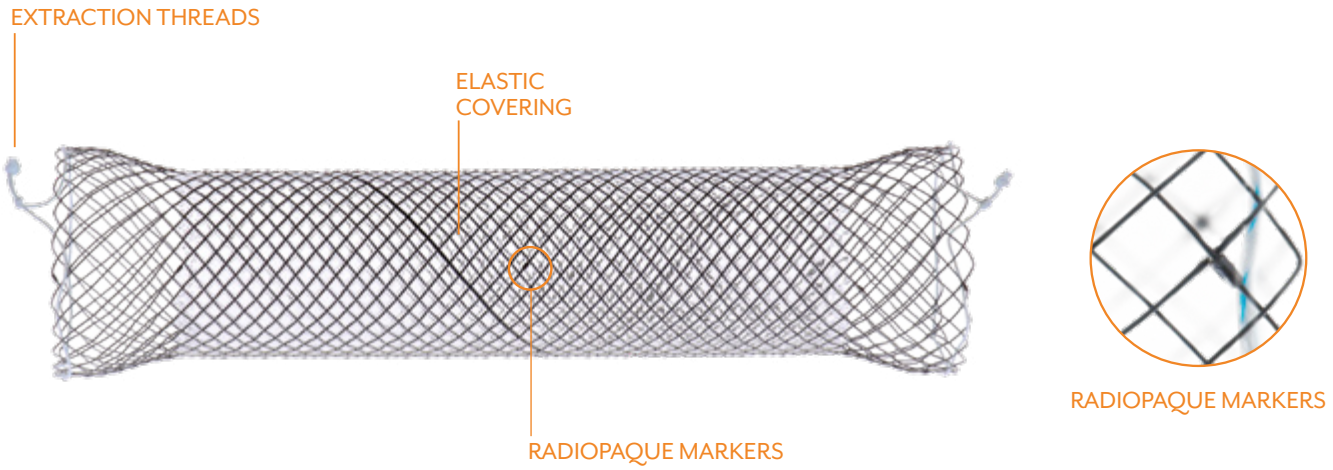
HIGH QUALITY FOR A WIDE RANGE OF INDICATIONS

To bridge strictures and leakages in the oesophagus, MICRO-TECH offers a comprehensive selection of self-expanding stents. The stents are characterised by high flexibility and excellent positional stability. All stents are offered in both partially and fully covered designs. They come in working diameters of 20, 24, or 28 mm and in lengths from 60 to 140 mm – ensuring a precise fit for diverse clinical requirements.

SPECIFIC CHARACTERISTICS

- Atraumatic ends
- High positional stability due to strong radial force
- Resistant and elastic covering
- Enhanced visibility due to high radiopacity
- Extraction threads at both ends for removal and repositioning





SPECIFICATIONS

REF	Ø centre mm	Ø end mm	Length mm	Covering mm
STENTS WITH PARTIAL COVERING				
NST01-112-20.060	20	26	60	30
NST01-112-20.080	20	26	80	50
NST01-112-20.100	20	26	100	70
NST01-112-20.120	20	26	120	90
NST01-112-20.140	20	26	140	110
NST01-112-24.060	24	30	60	30
NST01-112-24.080	24	30	80	50
NST01-112-24.100	24	30	100	70
NST01-112-24.120	24	30	120	90
NST01-112-24.140	24	30	140	110
STENTS WITH FULL COVERING				
NST01-114-20.060	20	26	60	60
NST01-114-20.080	20	26	80	80
NST01-114-20.100	20	26	100	100
NST01-114-20.120	20	26	120	120
NST01-114-20.140	20	26	140	140
NST01-114-24.060	24	30	60	60
NST01-114-24.080	24	30	80	80
NST01-114-24.100	24	30	100	100
NST01-114-24.120	24	30	120	120
NST01-114-24.140	24	30	140	140
NST01-114-28.100	28	34	100	100
NST01-114-28.120	28	34	120	120

	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
For stents with Ø 20 mm	8/24	650	0.035	2
For stents with Ø 24–28 mm	6.7/20	650	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/26-A	0.035	2600	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces

VAC Stent GI
A product of
VAC Stent GmbH

VAC STENT GI

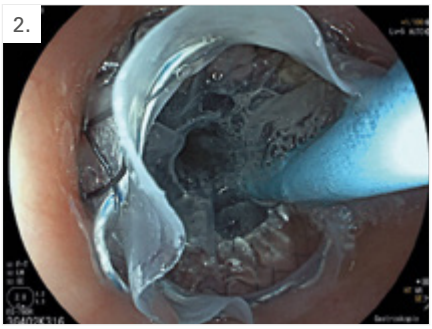
INNOVATIVE TREATMENT OF LEAKAGES AND ANASTOMOTIC INSUFFICIENCIES

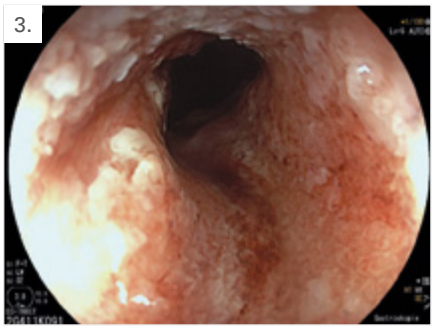
The VacStent GI™ combines two reliable methods for the treatment of leakages and anastomotic insufficiencies: while the fully encased stent completely covers the defects, the wound cavity is drained by continuous suction. In addition, the sponge supports the formation of granulation tissue. Another advantage of this procedure is that it preserves oesophageal/intestinal passage. The VacStent GI™ is preloaded on a flexible introducer, which not only shortens the time required for the treatment but also makes it much more comfortable than the traditional method of treating a wound cavity.

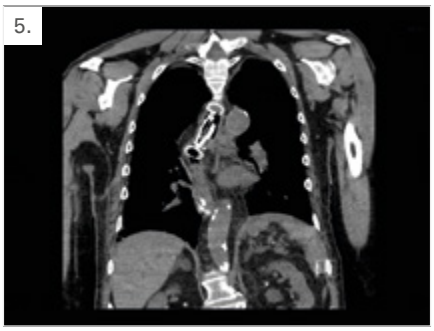
SPECIFIC CHARACTERISTICS

- Continuous drainage
- For leakages up to 30 mm – up to 80 mm with the XL version
- Covers the wound cavity
- Easy and precise placement of the stent by means of OTW (over-the-wire)
- Promotes granulation
- Open passage and thus no feeding tube required

CLINICAL USE







1. View onto the VacStent GI™
2. Newly implanted stent
3. After stent removal
4. Follow-up examination two days after stent removal
5. CT control

SPECIFICATIONS

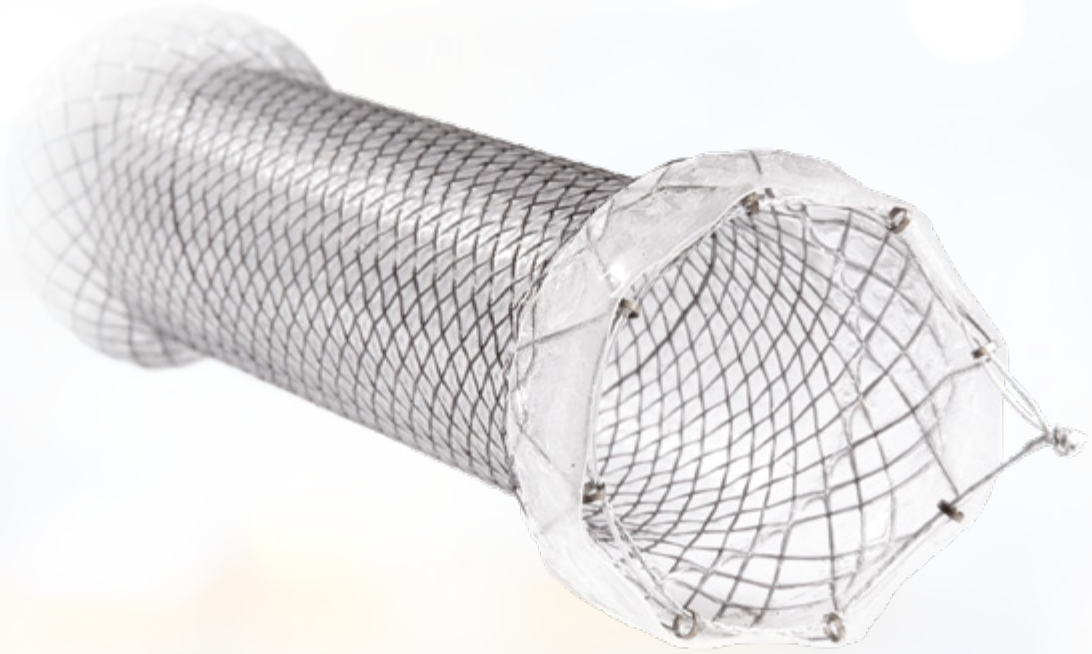
REF	Ø tulip mm	Ø stent mm	Stent total length mm	Sponge length mm	Covering
VAC STENT GI					
00003820	28	14	70	50	full
VAC STENT GI XL					
00004229	25	12	120	100	full

Packaging unit: 1 piece

	Ø distal end/ Introducer system mm	Working length mm	Recommended Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
	14/11	1000	0.035	2

*RM – radiopaque markers

VacStent GI™ is a product of VAC Stent GmbH. Distributed by MICRO-TECH Europe GmbH.



SOFTCUP OESOPHAGUS STENT

INCREASED COMFORT FOR PATIENTS WITH HIGH-SEATED STENOSES

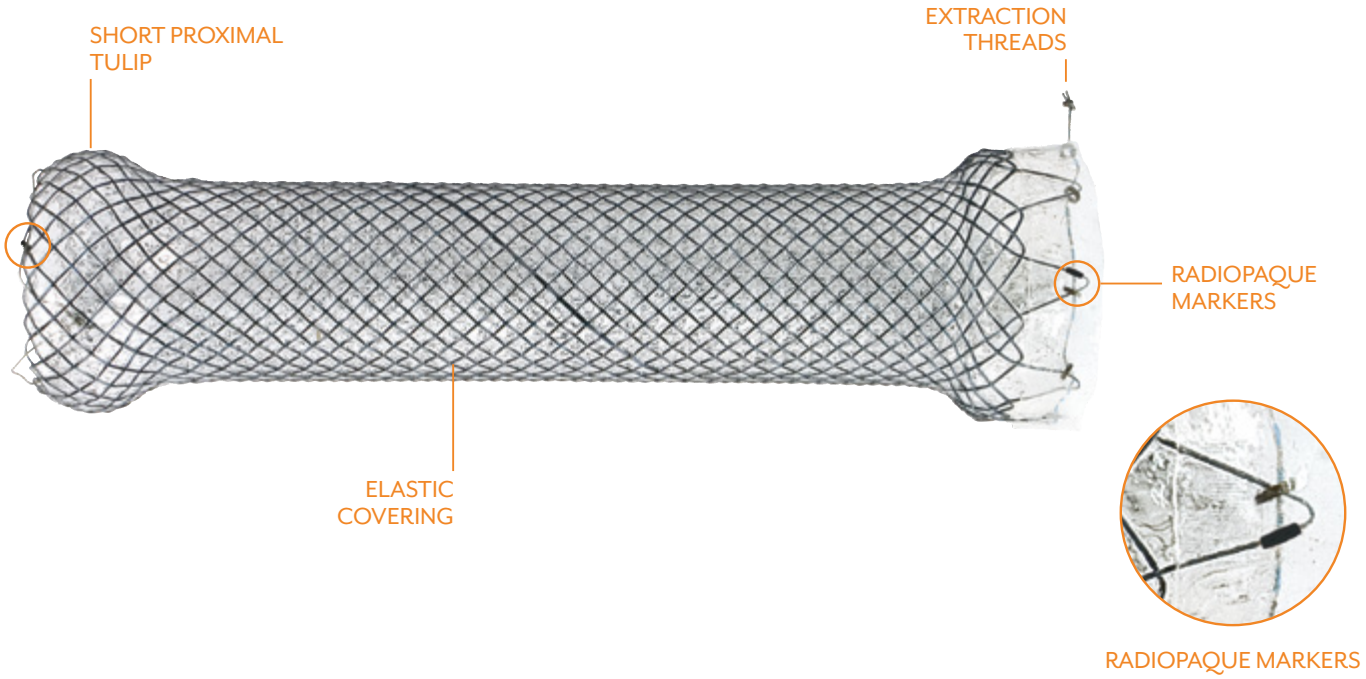
High-seated oesophageal stenoses place special demands on the stent. Stent positioning in this extremely sensitive area just under the pharynx can result in unpleasant irritative stress for the patient. The Softcup Oesophagus Stent from MICRO-TECH is equipped with a particularly soft proximal stent end, which makes the stent more tolerable for the patient.

SPECIFIC CHARACTERISTICS

- Atraumatic ends
- Proximal Softcup design
- High positional stability due to strong radial force
- Resistant and elastic covering
- Extraction threads at both ends for removal and repositioning

SUCCESSFUL PRACTICAL USE

The Softcup Oesophagus Stent is full covered and reduces the irritative stress for the patient with its particularly soft, short, proximal tulip and complete covering. The special design and the high radial force, render the stent extremely positionally stable and ensure a very snug fit on the oesophageal wall. The good radiopacity and additional X-ray markers at significant points also facilitate orientation during stent placement.



SPECIFICATIONS

REF	Ø centre mm	Ø ends mm proximal / distal	Length mm	Covering mm	End design Proximal	End design Distal
STENTS WITH FULL COVERING						
NST01-234-20.100	20	28/26	100	100	Softcup	Spherical
NST01-234-24.100	24	32/30	100	100	Softcup	Spherical

	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
For stents with Ø 20 mm	6.7/20	650	0.035	2
For stents with Ø 24 mm	8/24	650	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/26-A	0.035	2600	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces

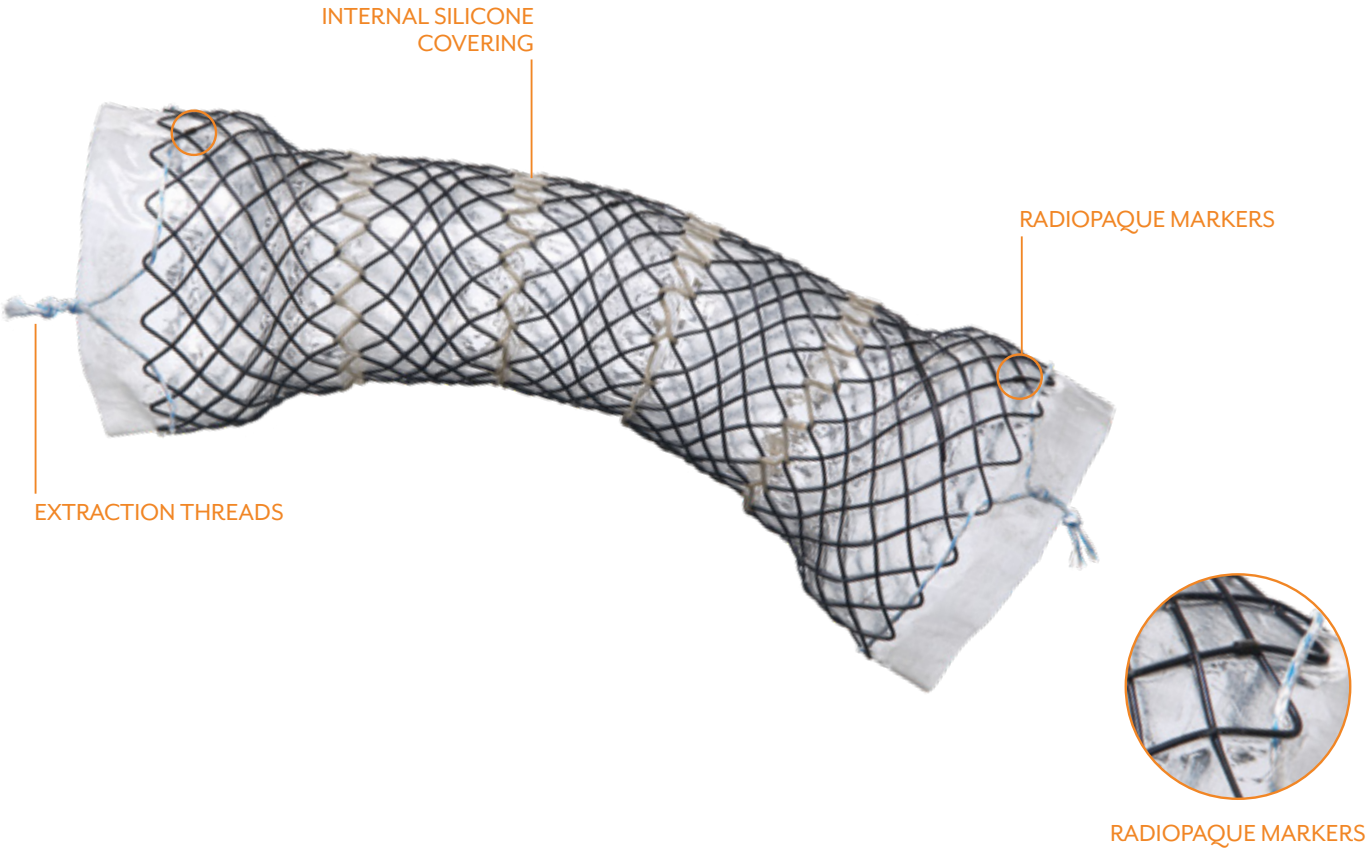
SEGMENTED STENT

A NEW STANDARD FOR FLEXIBILITY AND STABILITY

The Segmented Oesophageal Stent enables greater flexibility and adaptation for bridging stenoses and leakages. Unlike traditional stents, this design consists of multiple segments that move independently of each other. As a result, the stent adapts well to anatomy and peristalsis and ensures high positional stability. The segmentation ensures a constant, predefined lumen. The Segmented Oesophageal Stent has two extraction threads for the safe removal and repositioning of the stents.

SPECIFIC CHARACTERISTICS

- Atraumatic ends
- Segmented design for optimal anatomical conformity
- High positional stability even during natural peristalsis
- High patient comfort
- Extraction threads at both ends for removal and repositioning



SPECIFICATIONS

REF	Ø centre mm	Ø ends mm	Length mm	Covering
SEGMENTED STENT				
NST61-224-18.060	18	24	60	full covered, double-cup
NST61-224-18.080	18	24	80	full covered, double-cup
NST61-224-18.100	18	24	100	full covered, double-cup
NST61-224-18.120	18	24	120	full covered, double-cup
NST61-224-18.140	18	24	140	full covered, double-cup
NST61-224-22.060	22	28	60	full covered, double-cup
NST61-224-22.080	22	28	80	full covered, double-cup
NST61-224-22.100	22	28	100	full covered, double-cup
NST61-224-22.120	22	28	120	full covered, double-cup
NST61-224-22.140	22	28	140	full covered, double-cup

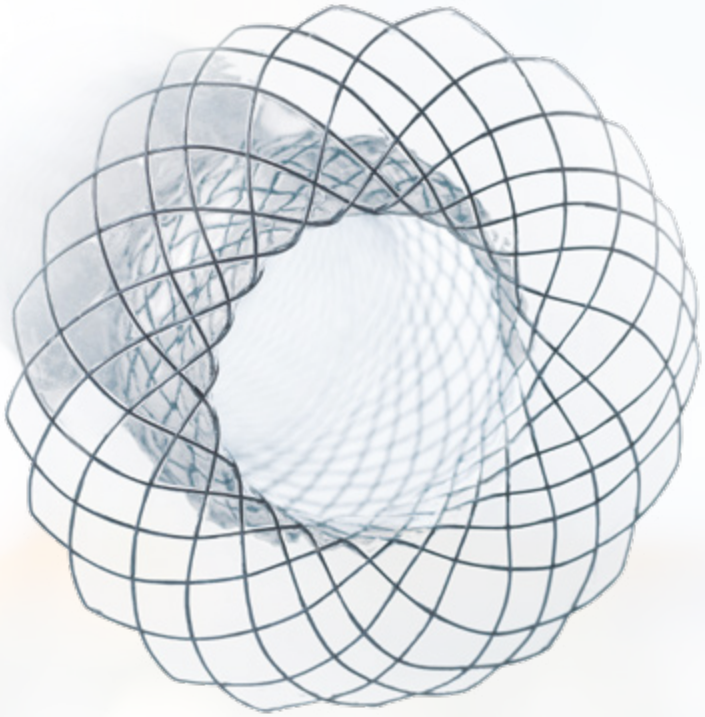
	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
	6.7/20	650	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/26-A	0.035	2600	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces



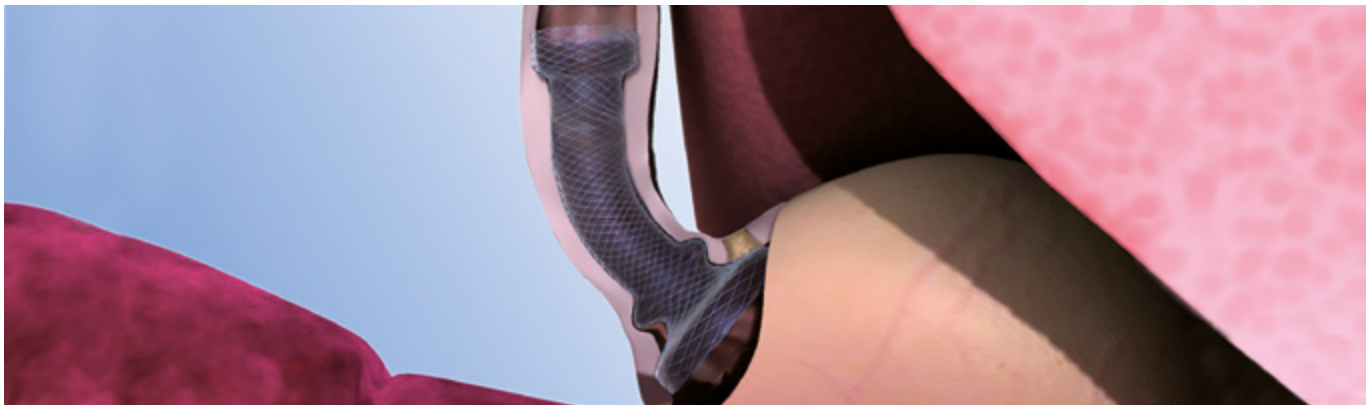
CARDIA-UMBRELLA-STENT GEN I

DESIGNED FOR SECURE PLACEMENT IN THE CARDIA REGION

With the Cardia Umbrella Stent, MICRO-TECH offers a specialised stent design, tailored to the challenging anatomical environment of the cardia. The design ensures stable positioning and prevents stent migration both distally and proximally. Since the lower oesophageal sphincter lies between the bulbous section and the distal end of the stent we have implemented a special shape – "opened umbrella" – o facilitate this anatomical challenge. 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 significantly reduced and any potential patient discomfort is decreased.

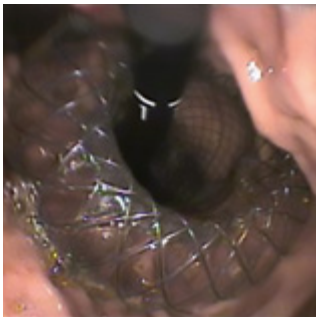
SPECIFIC CHARACTERISTICS

- Stent design adapted to the cardia
- Atraumatic ends
- High positional stability due to strong radial force
- Resistant and elastic covering

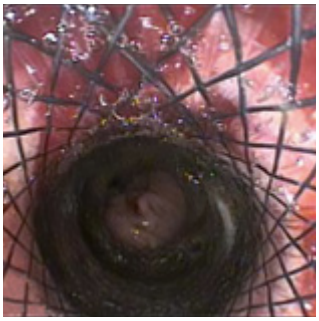


SUCCESSFUL PRACTICAL USE

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.



Inverted view of the stomach showing the umbrella end



View into the released stent (oesophagus)

SPECIFICATIONS

REF	Ø centre mm	Ø end prox./bulge/ end dist. mm	Length mm	Covering mm	End design Proximal	End design Distal
STENTS WITH PARTIAL COVERING						
ST01-108.24.100	24	30/30/50	100	85	Spherical	Umbrella
ST01-108.24.120	24	30/30/50	120	105	Spherical	Umbrella
STENTS WITH FULL COVERING						
ST01-109.24.100	24	30/30/50	100	100	Spherical	Umbrella
ST01-109.24.120	24	30/30/50	120	120	Spherical	Umbrella

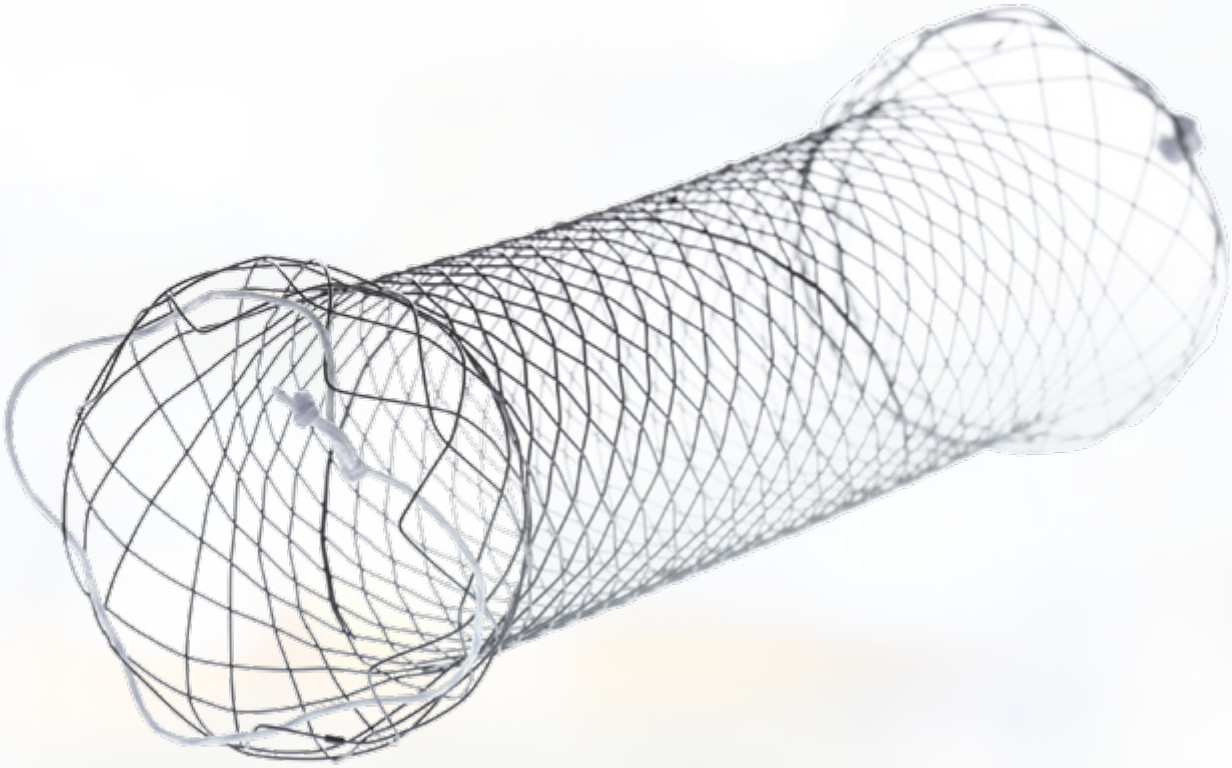
	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM GEN I (NOT AVAILABLE SEPARATELY)				
ST01-…	8/24	650	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/26-A	0.035	2600	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces



DUODENUM STENTS

PRECISE PLACEMENT, RELIABLE OUTCOMES

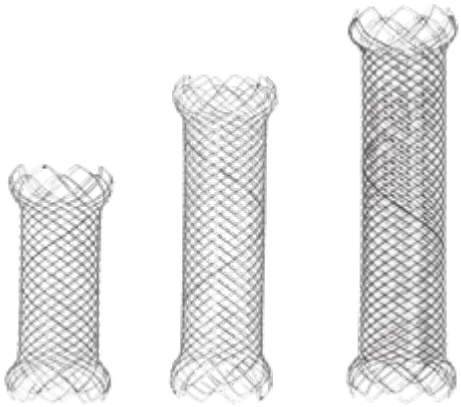
The spherical ends of the Duodenal Stents adapt to the anatomy of the Duodenum, ensuring excellent positional stability. Depending on the clinical requirement, stents are available uncovered, partially covered or fully covered. The Duodenal Stent comes preloaded on a TTS (through-the-scope) introducer system. This allows the stent to be introduced via the working channel of the endoscope and deployed under direct endoscopic visualisation. Radio-paque markers on both the delivery system and the stent ensure optimal radiological visibility.

SPECIFIC CHARACTERISTICS

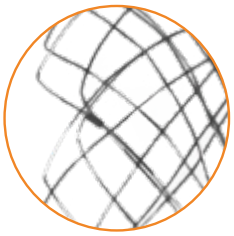
- Spherical ends
- Atraumatic ends
- Release under endoscopic view
- High positional stability due to strong radial force
- Resistant and elastic covering
- Extraction threads at both ends for removal and repositioning

THE APPROPRIATE SOLUTION

With a diameter of 20 mm and lengths of 60, 80 or 100 mm, the range of Duodenal Stents offers the right size for your patients.



60 mm 80 mm 100 mm



RADIOPAQUE MARKERS

SPECIFICATIONS

REF	Ø centre mm	Ø end mm	Length mm	Covering mm	Stent end design
STENTS WITHOUT COVERING					
NST74-331-20.060	20	26	60	without	Spherical
NST74-331-20.080	20	26	80	without	Spherical
NST74-331-20.100	20	26	100	without	Spherical
STENTS WITH PARTIAL COVERING					
NST74-332-20.060	20	26	60	40	Spherical
NST74-332-20.080	20	26	80	60	Spherical
NST74-332-20.100	20	26	100	80	Spherical
STENTS WITH FULL COVERING					
NST74-334-20.060	20	26	60	60	Spherical
NST74-334-20.080	20	26	80	80	Spherical
NST74-334-20.100	20	26	100	100	Spherical

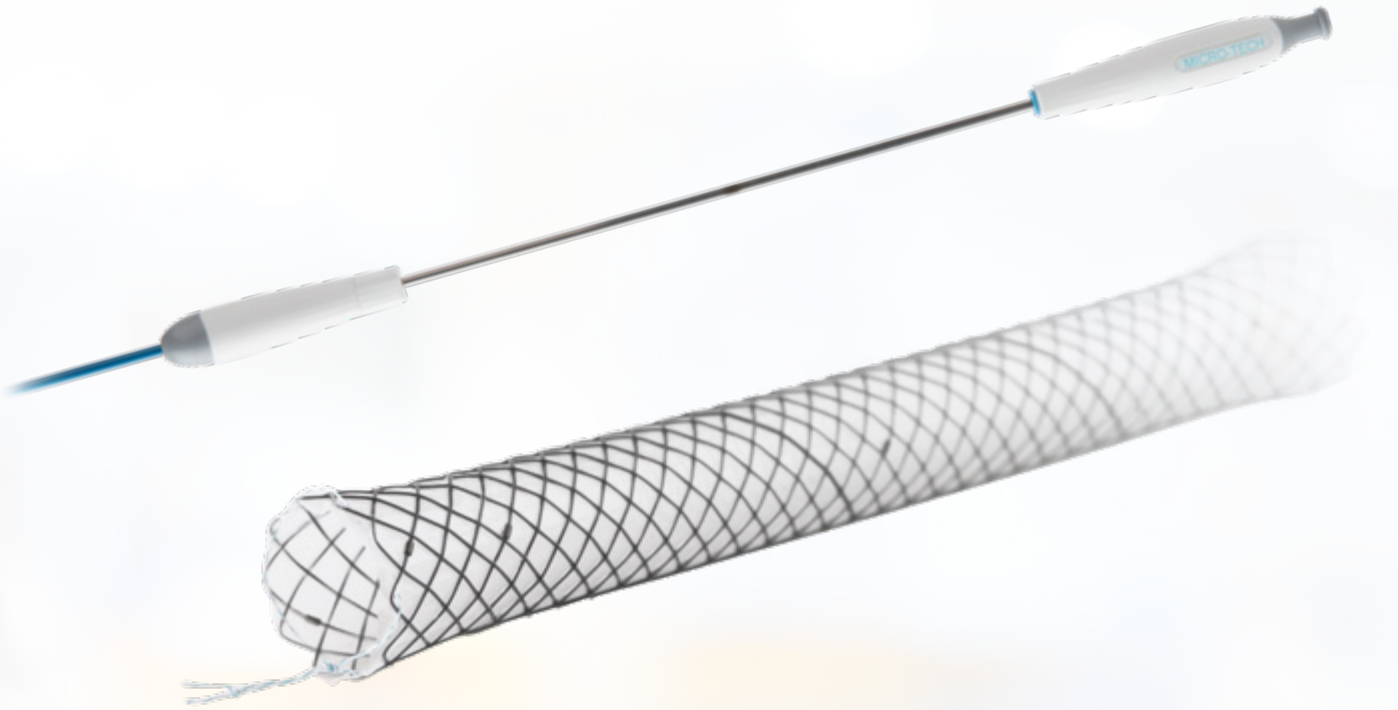
	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
Stents without covering	3.3/10	1800	0.035	2
Stents with partial covering	3.5/10.5	1800	0.035	2
Stents with full covering	3.7/11	1800	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/45-A	0.035	4500	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces



BILIARY-STENT

EFFICIENT BRIDGING OF STRICTURES WITH PRECISE PLACEMENT CONTROL

MICRO-TECH's Biliary Stents take the bridging of biliary strictures to a new level. Thanks to their slim design, the TTS system can be advanced through the endoscope with minimal resistance and allows for easy deployment. The Nitinol wire ensures optimal placement under fluoroscopic guidance. Uncovered and partially covered stents feature a point of no return, indicating the position up to which the stent can be retracted into the sheath. This significantly facilitates repositioning of the stent during the procedure.

SPECIFIC CHARACTERISTICS

- Slimmer introducer system
- Point of no return for uncovered and partially covered stents
- No flushing required
- High radiopacity

SPECIFICATIONS

REF	Ø mm	Length mm	Working channel mm	Covering mm	Stent design
STENTS WITHOUT COVERING					
NST03-001-10.040	10	40	3.7	without	straight
NST03-001-10.060	10	60	3.7	without	straight
NST03-001-10.080	10	80	3.7	without	straight
NST03-001-10.100	10	100	3.7	without	straight
NST13-001-10.060	10	60	3.7	without	straight
NST13-001-10.080	10	80	3.7	without	straight
NST03-111-10.040	10/12	40	3.7	without	flared tulips
NST03-111-10.060	10/12	60	3.7	without	flared tulips
NST03-111-10.080	10/12	80	3.7	without	flared tulips
NST03-111-10.100	10/12	100	3.7	without	flared tulips
STENTS WITH PARTIAL COVERING					
NST03-002-10.040	10	40	3.7	30	straight
NST03-002-10.060	10	60	3.7	50	straight
NST03-002-10.080	10	80	3.7	70	straight
NST03-002-10.100	10	100	3.7	90	straight
NST13-002-10.060	10	60	3.7	50	straight
NST13-002-10.080	10	80	3.7	70	straight
NST03-112-10.040	10/12	40	3.7	20	flared tulips
NST03-112-10.060	10/12	60	3.7	40	flared tulips
NST03-112-10.080	10/12	80	3.7	60	flared tulips
NST03-112-10.100	10/12	100	3.7	80	flared tulips
STENTS WITH FULL COVERING					
NST03-004-10.040	10	40	3.7	40	straight
NST03-004-10.060	10	60	3.7	60	straight
NST03-004-10.080	10	80	3.7	80	straight
NST03-004-10.100	10	100	3.7	100	straight
NST13-004-10.060	10	60	3.7	60	straight
NST13-004-10.080	10	80	3.7	80	straight
NST03-114-10.040	10/12	40	3.7	40	flared tulips
NST03-114-10.060	10/12	60	3.7	60	flared tulips
NST03-114-10.080	10/12	80	3.7	80	flared tulips
NST03-114-10.100	10/12	100	3.7	100	flared tulips

	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
NST03-001…/-111…	2.5 /7.5	1800	0.035	2
NST03-002…/-004…/-112…/-114…	2.8/8.5	1800	0.035	2
NST13-001…/-002…/-004…	2.5/7.5	500	0.035	2

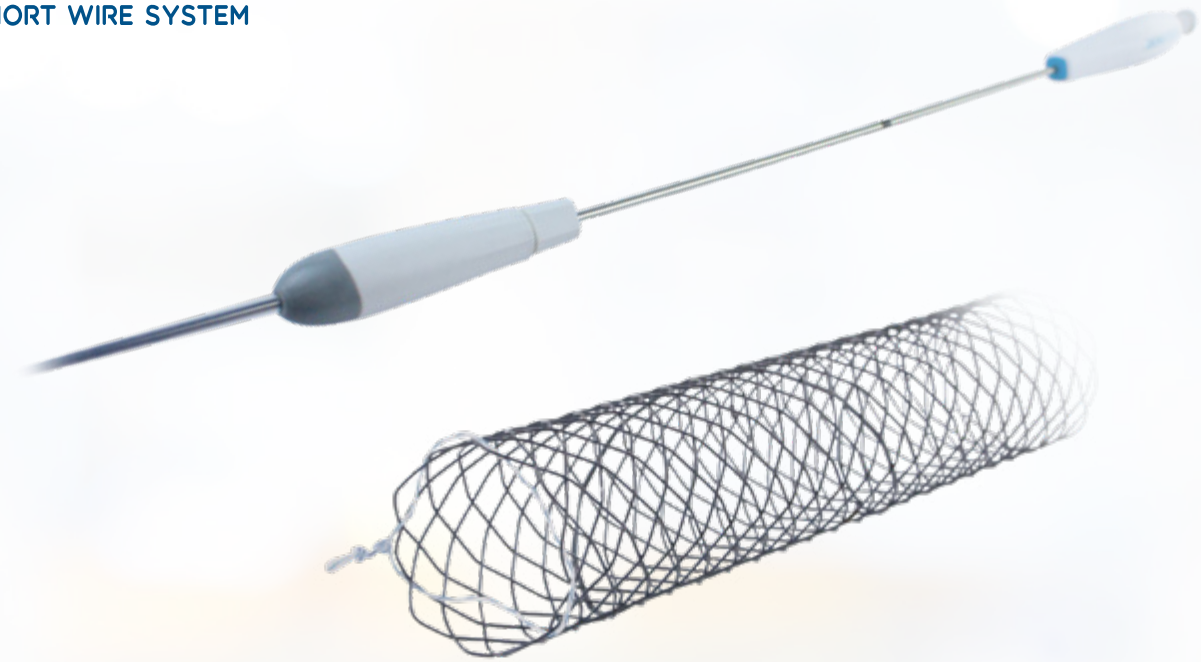
*RM – radiopaque markers

RECOMMENDED GUIDE WIRES

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/45-A	0.035	4500	65	straight	hydrophilic tip, blue-yellow covering	conical tip
MTN-BM-89/45-A-J	0.035	4500	65	J-form	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces

SHOW
SHORT WIRE SYSTEM



SHOW-METAL-STENTS

EFFICIENCY MEETS PRECISION

The SHOW-Metal-Stents from MICRO-TECH are indicated for applications in the bile duct and are suitable for both short and long wire systems. Irrigation is no longer necessary. Made of flexible Nitinol wire, the stent is designed to adapt to biliary conditions. The atraumatic stent ends are characterised by their soft edges. For precise placement, there are overall two radiopaque markers on the stent itself and two more on the introducer set. The point of no return (for uncovered and partially covered stents) allows repositioning of the stent. The automatic guidewire exit is located at approx. 30 cm and ends at approx. 35 cm.

SPECIFIC CHARACTERISTICS

- Short and long wire compatible
- No flushing necessary
- Easy handling
- Different coverings
- Available in a straight form
- Automatic guide wire exit
- Point of no return
- Very good visibility through tantalum markers
- Very flexible application system facilitates the placement

SPECIFICATIONS

REF	Ø mm	Length mm	Repositionable	Covering mm
SHOW-METAL-STENTS STRAIGHT WITHOUT COVERING				
RST43-001-10.040	10	40	yes	without
RST43-001-10.060	10	60	yes	without
RST43-001-10.080	10	80	yes	without
RST43-001-10.100	10	100	yes	without
SHOW-METAL-STENTS STRAIGHT WITH PARTIAL COVERING				
RST43-002-10.040	10	40	yes	30
RST43-002-10.060	10	60	yes	50
RST43-002-10.080	10	80	yes	70
RST43-002-10.100	10	100	yes	90
SHOW-METAL-STENTS STRAIGHT WITH FULL COVERING				
RST43-004-10.040	10	40	no	40
RST43-004-10.060	10	60	no	60
RST43-004-10.080	10	80	no	80
RST43-004-10.100	10	100	no	100

Packaging unit: 1 piece

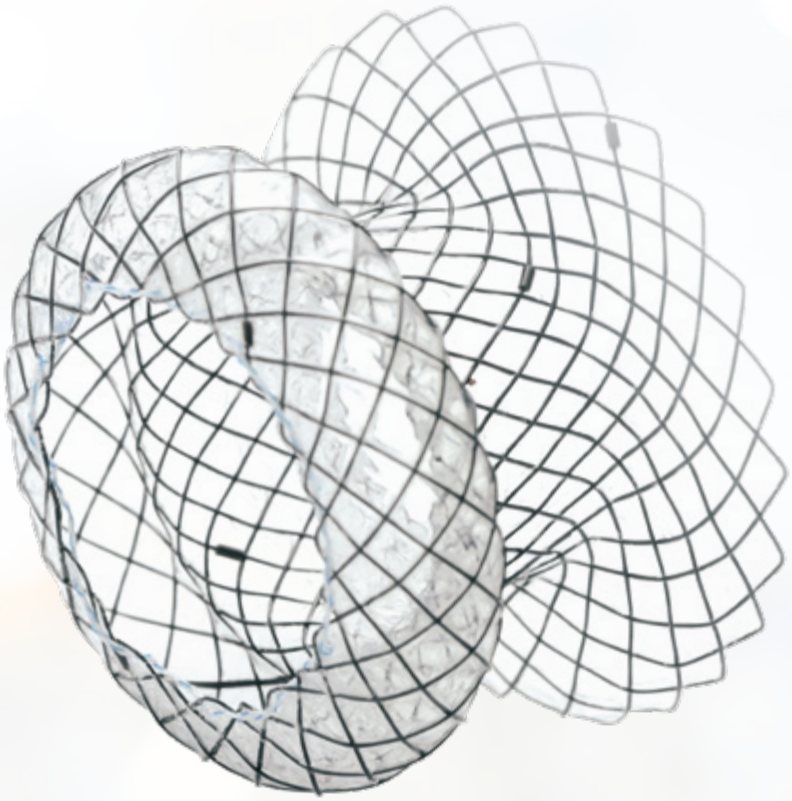
	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
	2.8/8.5	1900	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRES

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
SPIRATRAX GUIDE WIRE						
MTN-BM-89/26-A-W	0.035	2600	50	straight	hydrophilic tip, blue-yellow covering	spiralised
MTN-BM-89/45-A-W	0.035	4500	50	straight	hydrophilic tip, blue-yellow covering	spiralised
MTN-BM-89/45-A-J-W	0.035	4500	50	J-form	hydrophilic tip, blue-yellow covering	spiralised
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/26-A	0.035	2600	65	straight	hydrophilic tip, blue-yellow covering	conical tip
MTN-BM-89/45-A	0.035	4500	65	straight	hydrophilic tip, blue-yellow covering	conical tip
MTN-BM-89/45-A-J	0.035	4500	65	J-form	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: SpiraTrax guide wires: 2 pieces, Hydro-Slide guide wires: 2 pieces



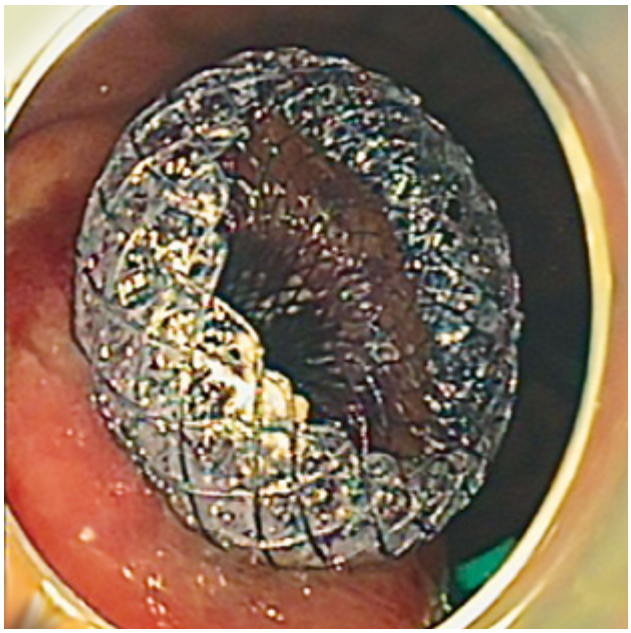
PSEUDOCYST STENT

SECURE HOLD FOR RELIABLE DRAINAGE

The Pancreastic Pseudocyst Stent is used for reliable drainage of endoscopically removed concrement. The design of the stent with its distal umbrella and proximal mushroom shapes, ensures that during an eventual migration, a dislocation would only occur into the stomach and not into the cyst. The large diameter of 16 mm in the middle of the stent allows for endoscopic removal of concrement. The 10.5 French TTS (through-the-scope) insertion system is brought into position through the working channel of the endoscope with the aid of a guide wire. When the stent is released, 4 radiopaque markers at each end of the stent guarantee excellent identification on radiological images.

SPECIFIC CHARACTERISTICS

- Stent with complete silicone covering
- High degree of positional stability thanks to the stent design
- Atraumatic ends
- Good radial force



Transgastric access from stomach into pseudocyst

SPECIFICATIONS

REF	Ø centre mm	Ø ends mm proximal / distal	Total length mm	Covering mm	End design proximal-distal
PSEUDOCYST STENT					
NST33-544-16.015	16	26/30	15	15	mushroom-umbrella
NST33-544-16.020	16	26/30	20	20	mushroom-umbrella
NST33-544-16.025	16	26/30	25	25	mushroom-umbrella
NST33-544-16.030	16	26/30	30	30	mushroom-umbrella

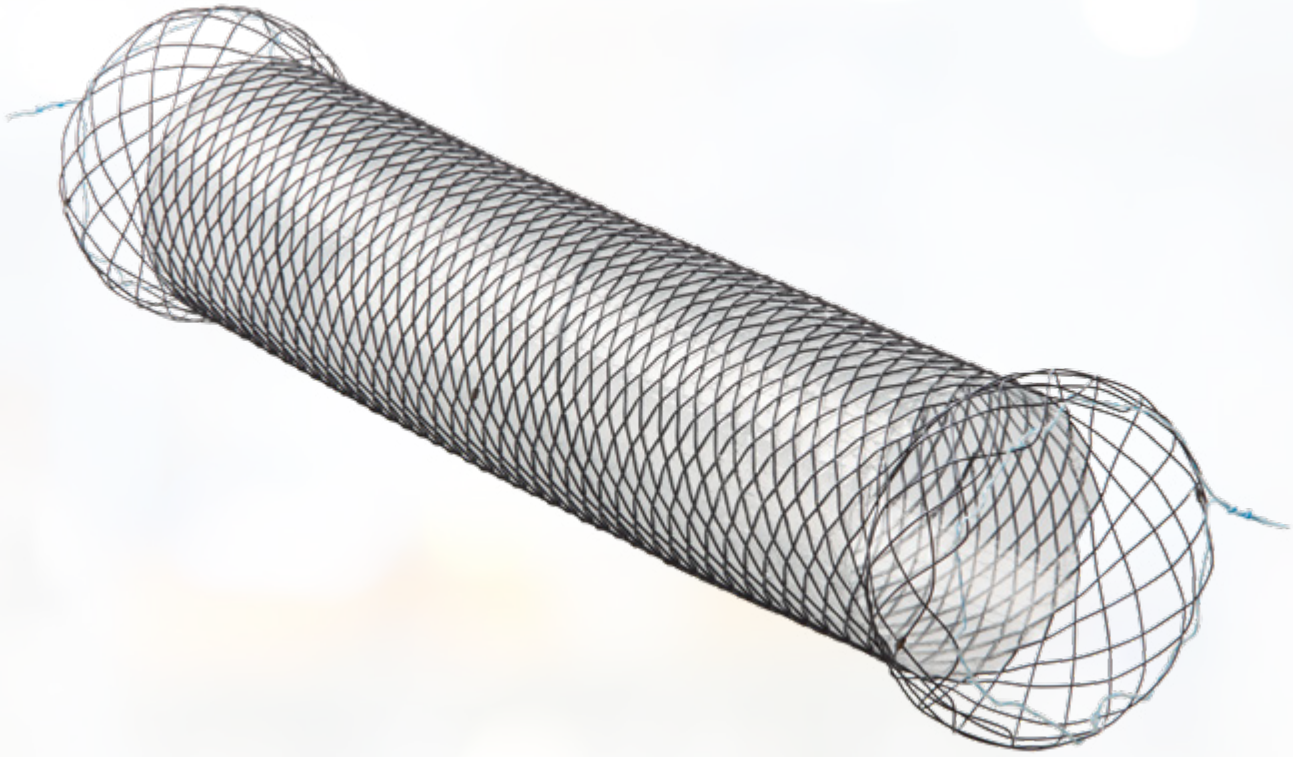
	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
	3.5/10.5	1800	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/45-A	0.035	4500	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces



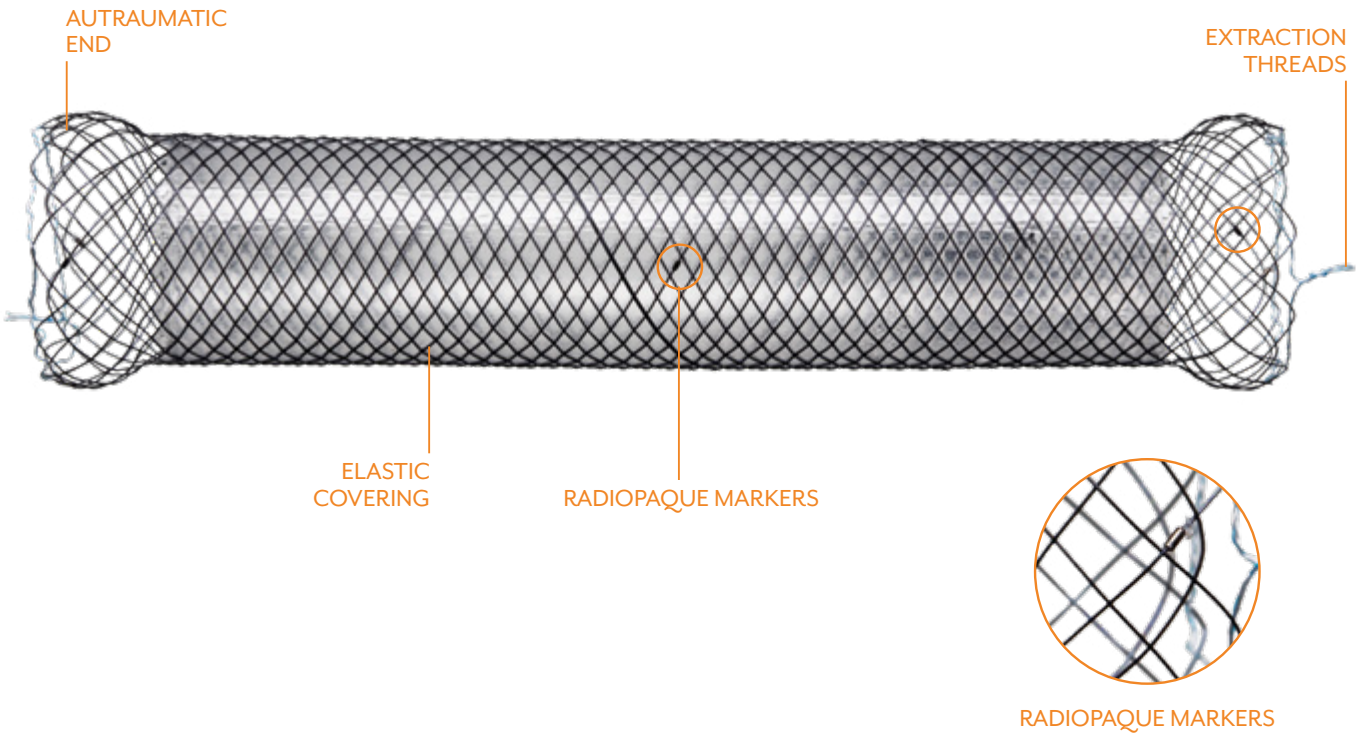
COLONIC STENTS TTS

SECURE PLACEMENT UNDER VISUAL ENDOSCOPIC CONTROL

OTW (over-the-wire) systems can be placed over-the-wire, TTS (through-the-scope) Colonic Stents can be delivered through the working channel of the colonoscope. This way, application time is reduced dramatically. Due to the visible endoscopic control during placement stent deployment takes place in an even more controlled fashion. In comparison with OTW Colonic and Rectal Stents, TTS applications are especially flexible and better suited for the curved segments of the colon, e.g. hepatic and splenic

SPECIFIC CHARACTERISTICS

- Atraumatic ends
- Flexible and positionally stable
- 6 radiopaque markers for enhanced visibility under X-ray
- Extraction threads at both ends for removal and repositioning
- Guide wire passable up to 0.035 inches



SPECIFICATIONS

REF	Ø centre mm	Ø end mm	Length mm	Working channel mm	Covering mm	Length end design mm	End design
COLONIC STENTS TTS WITHOUT COVERING							
NST64-331-24.060	24	30	60	3.7	without	10	Spherical
NST64-331-24.080	24	30	80	3.7	without	10	Spherical
NST64-331-24.100	24	30	100	3.7	without	10	Spherical
NST64-331-24.120	24	30	120	3.7	without	10	Spherical
COLONIC STENTS TTS WITH PARTIAL COVERING							
NST64-332-24.060	24	30	60	4.2	40	10	Spherical
NST64-332-24.080	24	30	80	4.2	60	10	Spherical
NST64-332-24.100	24	30	100	4.2	80	10	Spherical
NST64-332-24.120	24	30	120	4.2	100	10	Spherical

	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
NST64-331…	3.3/10	2300	0.035	2
NST64-332…	3.5/10.5	2300	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRE

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRE						
MTN-BM-89/45-A	0.035	4500	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces

VAC STENT GI COLON

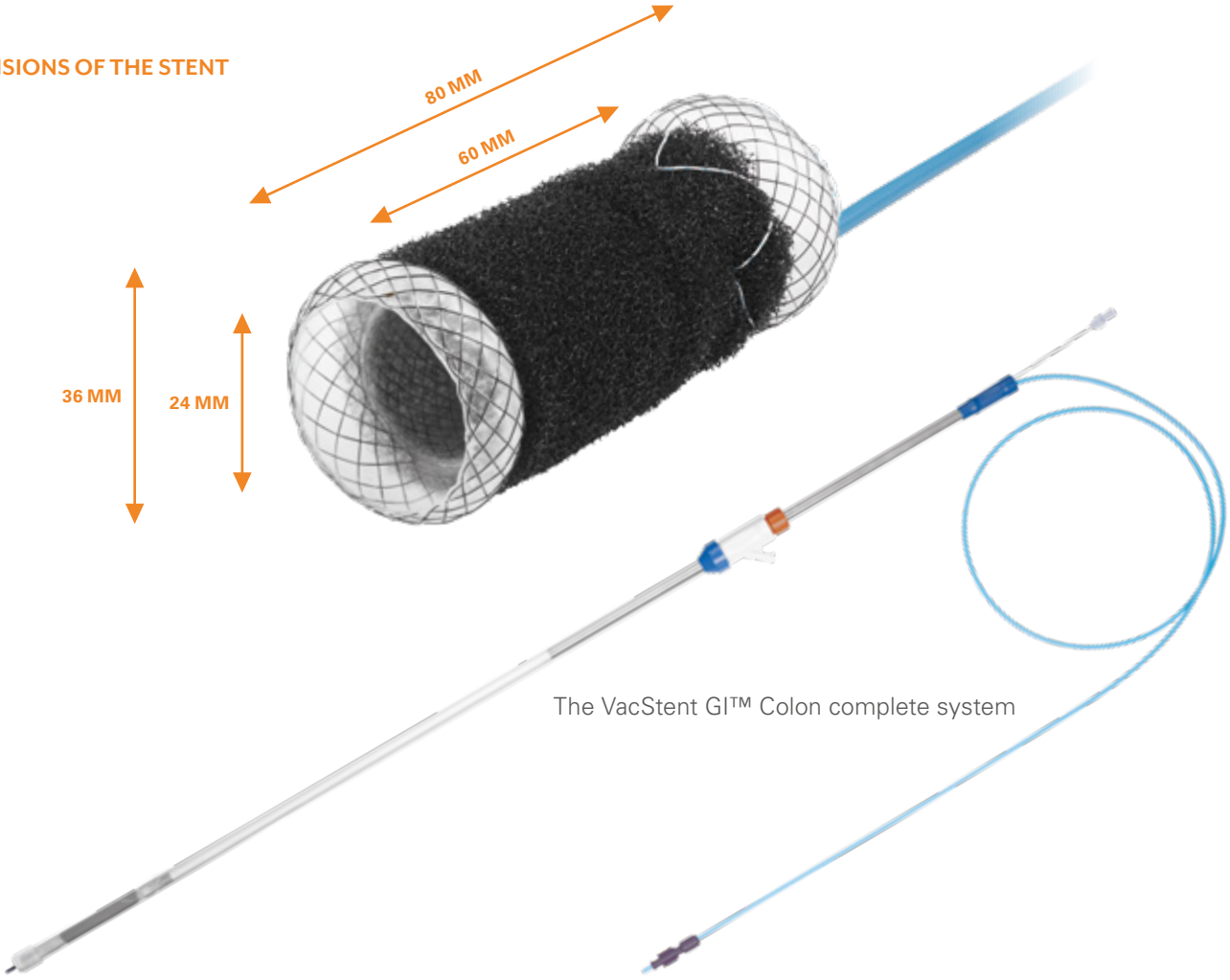
UNIQUE TREATMENT OF LEAKAGES AND ANASTOMOTIC INSUFFICIENCIES IN THE COLON

The VacStent GI™ Colon facilitates the proven combination of a fully covered stent and drainage sponge in the colon. The stent distinguishes itself by its high positional stability and ensures reliable treatment of leakages and anastomotic insufficiencies, even in cases of natural peristalsis. While the wound cavity is securely covered, stool can pass easily. The sponge also ensures continuous drainage and supports granulation on account of the vacuum effect.

SPECIFIC CHARACTERISTICS

- Unique combination of stent and sponge
- Provides a lumen for stool passage
- Granulation promotion and continuous drainage of infectious wound exudate through the vacuum effect
- High positional stability even with natural peristalsis
- Coverage of leakages and insufficiencies up to 40 mm
- Minimally invasive form of treatment

DIMENSIONS OF THE STENT



The VacStent GI™ Colon complete system

SPECIFICATIONS

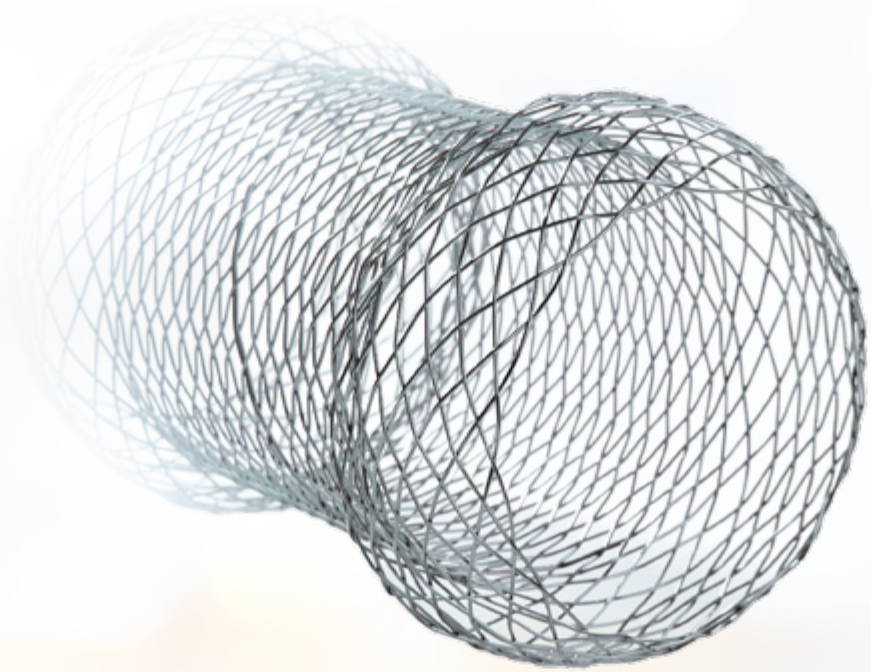
REF	Ø tulip mm	Ø stent mm	Stent total length mm	Sponge length mm	Covering
VAC STENT GI COLON					
00004230	36	24	80	60	full

Packaging unit: 1 piece
Note: Anastomotic leakage should be located at least 5 cm proximal to the linea dentata

	Ø distal end/ Introducer system mm	Working length mm	Recommended Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
	14/11.85	1000	0.035	2

*RM – radiopaque markers

VacStent GI™ Colon is a product of VAC Stent GmbH. Distributed by MICRO-TECH Europe GmbH.



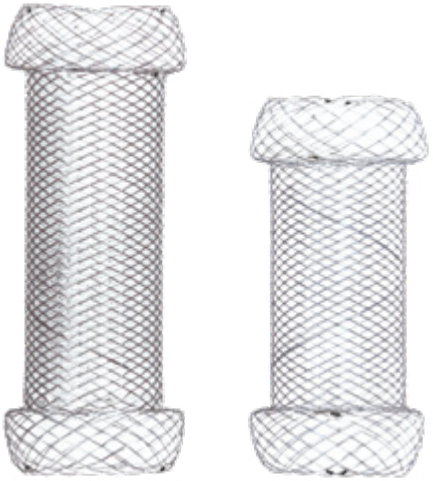
COLONIC AND RECTAL STENTS OTW

STABLE PLACEMENT FOR RELIABLE PATIENT OUTCOMES

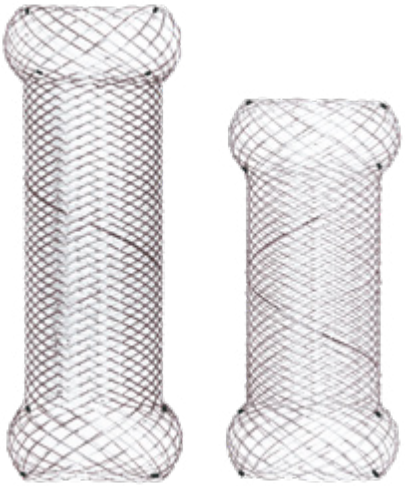
The OTW (over-the-wire) Colonic and Rectal Stents from MICRO-TECH are designed to provide exceptional positional stability. For Colonic stents, this stability is achieved through a square-edged transition located near each end of the stent. This feature effectively anchors the stent within the lumen, ensuring an optimal fit with the colon's anatomy and adapting seamlessly to natural peristalsis. In contrast, Rectal Stents are designed with a softer, more rounded ("ball-shaped") profile. This reduces stimulation in the highly sensitive rectal area, minimising patient discomfort and significantly improving quality of life. Additionally, the partially covered OTW Colonic and Rectal Stents deliver very high radial forces, further enhancing their effectiveness.

SPECIFIC CHARACTERISTICS

- Atraumatic ends
- Anatomical design
- High positional stability due to strong radial force
- Resistant and elastic covering
- Enhanced radiopacity
- Extraction threads at both ends for removal and repositioning



Spherical-end stents – Designed for the rectum



Mushroom-end stents – Designed for the colon

SPECIFICATIONS

REF	Ø centre mm	Ø end mm	Length mm	Length distal end mm	Covering mm	End design	Applikation
COLONIC AND RECTAL STENS OTW WITHOUT COVERING							
NST34-551-30.080	30	38	80	15	without	Mushroom	Colon
NST34-551-30.100	30	38	100	15	without	Mushroom	Colon
NST44-331-30.100	30	38	100	15	without	Spherical	Rectum
COLONIC AND RECTAL STENS OTW WITH PARTIAL COVERING							
NST34-552-30.080	30	38	80	15	50	Mushroom	Colon
NST34-552-30.100	30	38	100	15	70	Mushroom	Colon
NST44-332-30.080	30	38	80	15	50	Spherical	Rectum
COLONIC AND RECTAL STENS OTW WITH FULL COVERING							
NST34-334-20.060	20	26	60	10	60	Spherical	Colon
NST34-334-26.060	26	32	60	10	60	Spherical	Colon
NST34-334-30.060	30	38	60	15	60	Spherical	Colon
NST34-334-30.080	30	38	80	15	80	Spherical	Colon

	Ø mm/Fr	Working length mm	Guide wire inch	RM*
INTRODUCER SYSTEM (NOT AVAILABLE SEPARATELY)				
NST34-551	5,3/16	1200	0.035	2
NST34-552	8/24	1200	0.035	2
NST44-331	5,3/16	650	0.035	2
NST44-332	8/24	650	0.035	2
NST34-334-20	6/18	1200	0.035	2
NST34-334-26	8/24	1200	0.035	2
NST34-334-30	8/24	1200	0.035	2

*RM – radiopaque markers

RECOMMENDED GUIDE WIRES

REF	Ø inches	Total length mm	Tip length mm	Tip shape	Set-Up	Characteristic
HYDRO-SLIDE GUIDE WIRES						
MTN-BM-89/45-A	0.035	4500	65	straight	hydrophilic tip, blue-yellow covering	conical tip
MTN-BM-89/26-A	0.035	2600	65	straight	hydrophilic tip, blue-yellow covering	conical tip

Packaging unit: 2 pieces

MICRO-TECH ENDOSCOPY

MICRO-TECH Europe GmbH
Mündelheimer Weg 36
40472 Düsseldorf | Germany

P +49 (0)211 73 27 626-0 | F +49 (0)211 73 27 626-99
contact.emea@mtmed.com
www.emea.mtmed.com