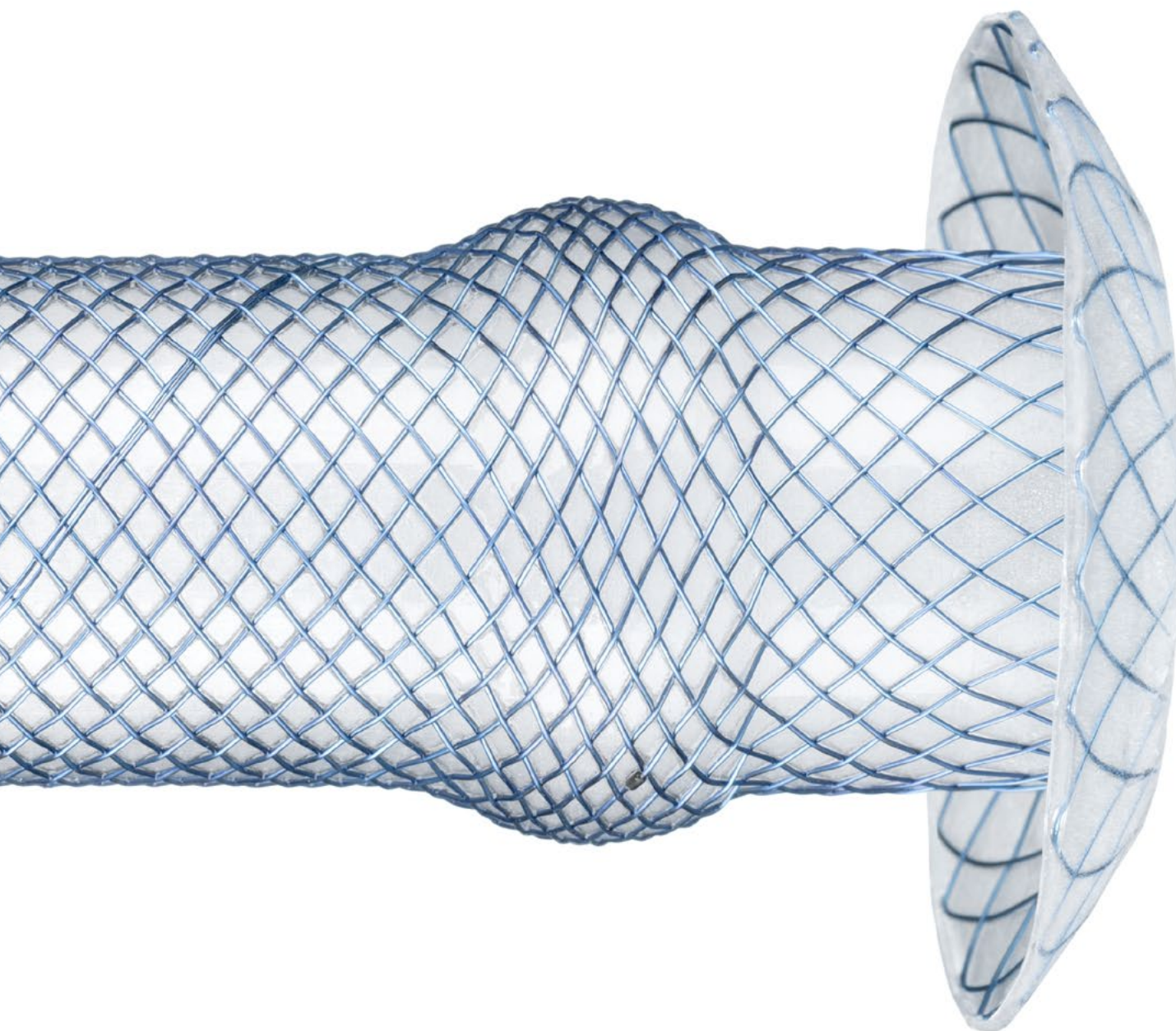




Leufen aixstent®

GASTROENTEROLOGY



For you, we walk the extra mile.

Inspiring ideas. Convincing quality.
Advice which answers every question.

Since 2003, Leufen Medical has been proposing self-expanding stents for gastroenterology and pulmonology. We have gained the trust of doctors and patients due to our high standards regarding quality and functionality.



Headquarters, research & development and production site in Berlin

Made in Germany

Leufen **aer**stent® and Leufen **ai**xstent® are conceived, developed and produced in Germany.



Product Training. On site.

Adapted to your requirements.

You seek to optimize team work, train new employees or refresh your knowledge regarding stent implantation?

Our training facilitates instruction and practice for doctors and medical personnel. Content and pace are adapted to your requirements.

Training is important – because only an experienced team obtains perfect results.



The full package. Expertise included.

Regardless of whether you would like information about our products or whether you require a custom-made device for a unique medical finding:

Use our expert knowledge.

We provide timely, result oriented and personal advice.



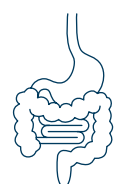
a bess group company

Since 2014, Leufen Medical is part of the bess group, a family owned and managed company with more than 30 years of experience in the field of medical devices.



Leufen Medical

The full package.
Expertise included.

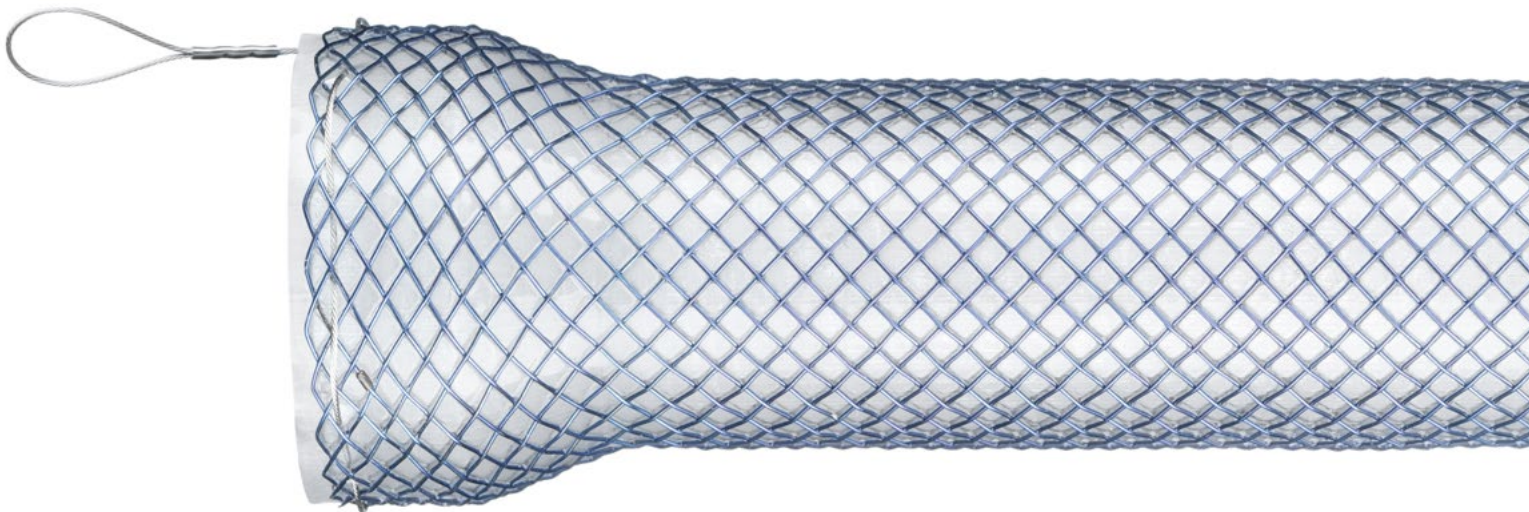


The Leufen **aixstent**® boxes are color coded for an easier differentiation.
The color code for esophagus stents is green.

Leufen **aixstent**®

Esophageal Stents

- High radial expansion force
- **Reloadable** delivery system OTW (Over The Wire)
- Long-lasting silicone cover
- Tantalum X-ray markers
- Extraction threads of high tensile force at both ends

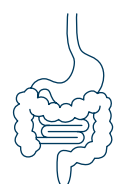
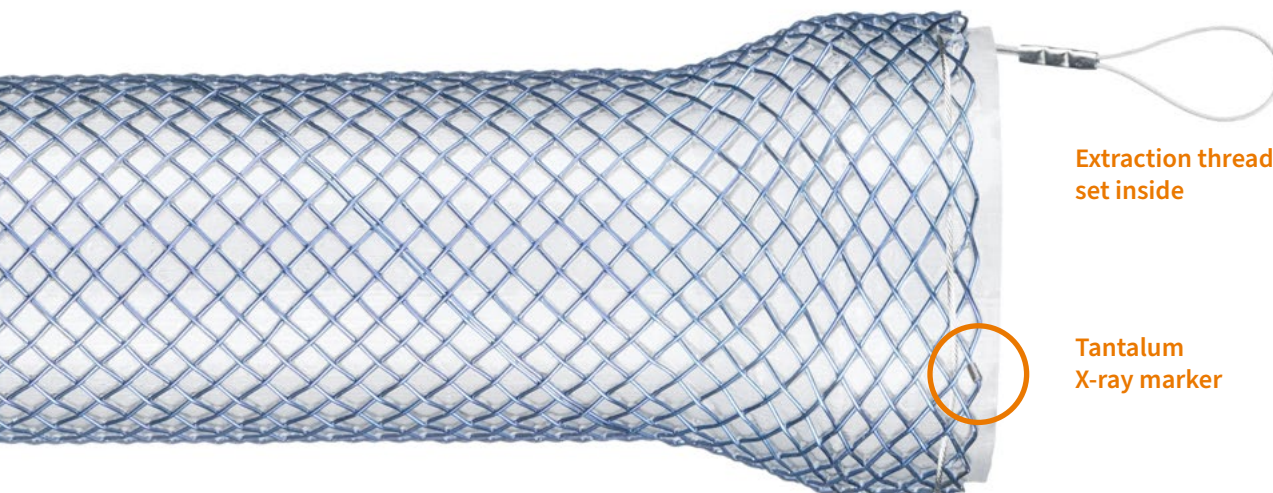
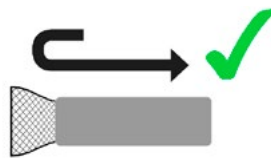


The special design of the stent's ends as well as the **high radial expansion** force keep it in the intended position thereby safely preventing migration.



Soft tip – radiopaque soft tip for atraumatic stent application.

The aixstent® Esophageal stent is preloaded on a **reloadable delivery system**. For accurate positioning, the stent can be repositioned in the delivery system during the procedure.



Esophageal Stent

Stent for bridging benign and malignant changes in the esophagus.

Indications: Tumor diseases, postoperative stenoses. In the case of benign indications, only completely covered stents are used.



OES
with a partial
silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
102-20-060	60	30	20	26
102-20-080	80	50	20	26
102-20-100	100	70	20	26
102-20-120	120	90	20	26
102-20-140	140	110	20	26
102-24-080	80	50	24	30
102-24-100	100	70	24	30
102-24-120	120	90	24	30
102-24-140	140	110	24	30

Delivery system: Working length 700 mm, Ø 8 mm / 24 French, Accepts a guide wire up to 0.035 inch



OES
with full
silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
103-20-060	60	60	20	26
103-20-080	80	80	20	26
103-20-100	100	100	20	26
103-20-120	120	120	20	26
103-20-140	140	140	20	26
103-24-080	80	80	24	30
103-24-100	100	100	24	30
103-24-120	120	120	24	30
103-24-140	140	140	24	30

Delivery system: Working length 700 mm, Ø 8 mm / 24 French, Accepts a guide wire up to 0.035 inch

Also registered for
**benign
indications**



Stents can be custom
made according to
your specifications.
Please contact us!



Esophageal Leakage Stent

Stent designed to cover esophagus leakage

Indications: Tumor diseases, coverage of tracheoesophageal fistulae and leakages



OEL
with full
silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
103-28-080	80	80	28	34
103-28-100	100	100	28	34
103-28-120	120	120	28	34

Delivery system: Working length 700 mm, Ø 8 mm / 24 French,
Accepts a guide wire up to 0.035 inch



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your specifications.
Please contact us!



Cardia Umbrella Stent

Stent for bridging benign and malignant changes near the cardia

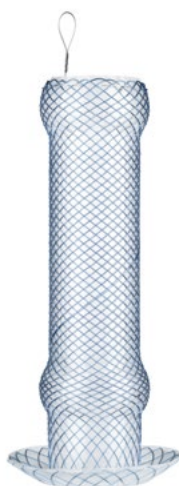
Indications: Tumor diseases, postoperative stenoses, coverage of tracheoesophageal fistulae and leakages near the cardia. Fully covered stents are used in the case of benign indications.

The stent's design has been specifically adapted to the cardia. The stent's umbrella-like distal end reduces an irritation of the gastric mucosa.



OEC
with a partial
silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
122-24-100	100	85	24	30 / 50
122-24-120	120	105	24	30 / 50
Delivery system: Working length 700 mm, Ø 8 mm / 24 French, Accepts a guide wire up to 0.035 inch				



Also registered for
**benign
indications**

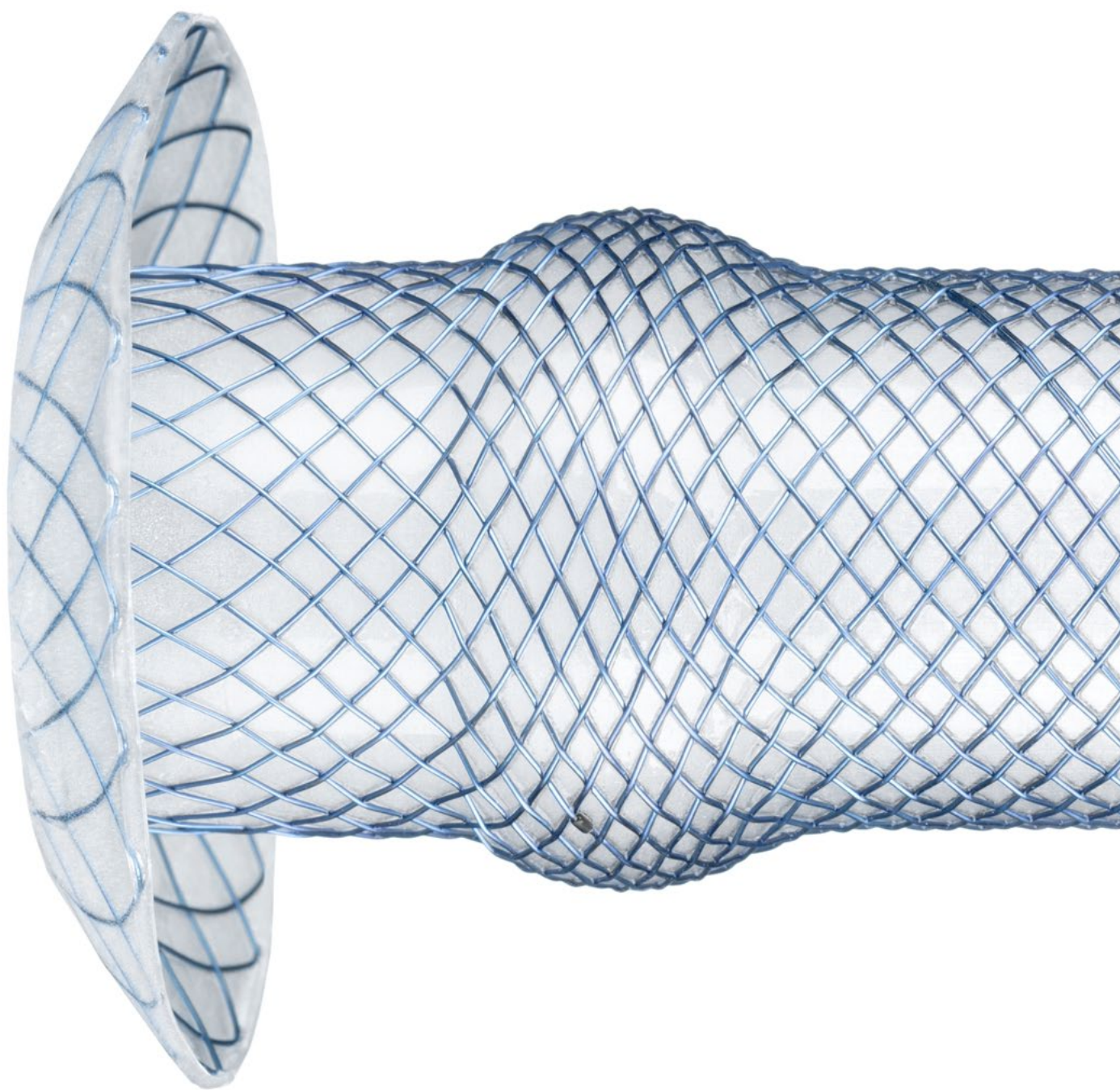
OEC
with full
silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
123-24-100	100	100	24	30 / 50
123-24-120	120	120	24	30 / 50
Delivery system: Working length 700 mm, Ø 8 mm / 24 French, Accepts a guide wire up to 0.035 inch				



Stents can be custom
made according to
your specifications.
Please contact us!





The Leufen **aixstent**® boxes are color coded for an easier differentiation.
The color code for duodenum stents is orange.

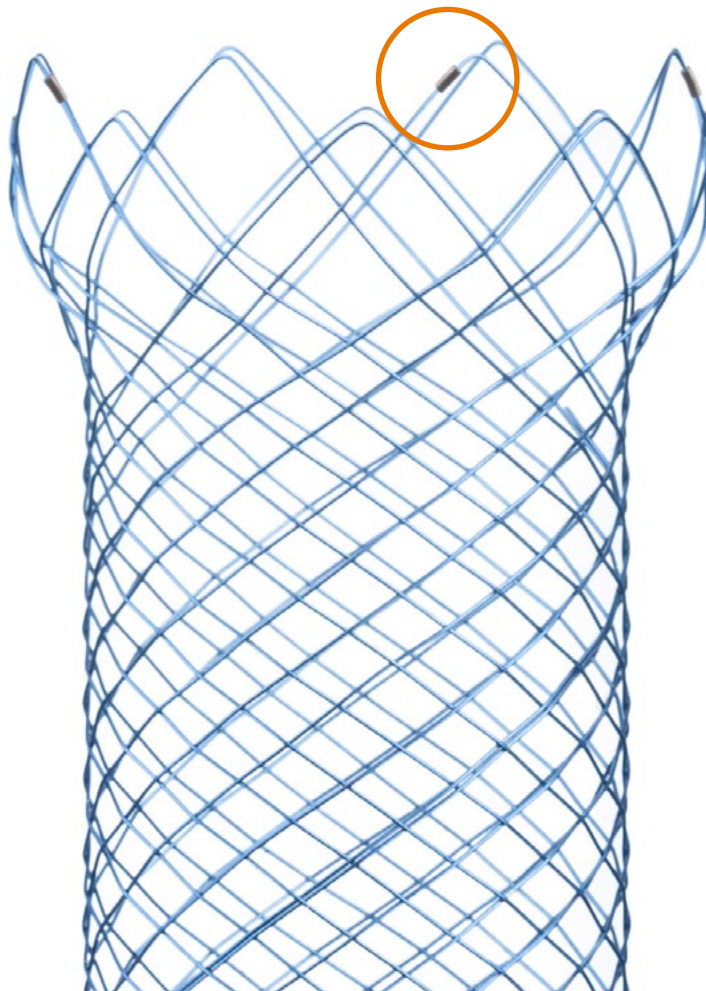
aixstent® DUS

Duodenum Stents

Stent to keep the duodenum open in case of malignant changes

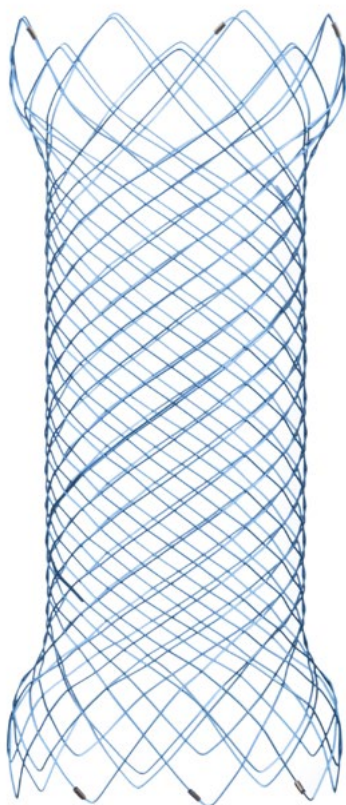
Indication: Malignant stenoses in the duodenum

- High radial expansion force
- Atraumatic rounded ends
- High stability of the TTS
(Through The Scope) delivery system
- Tantalum X-ray markers



Tantalum X-ray marker





DUS without cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
201-20-060	60	without	20	26
201-20-080	80	without	20	26
201-20-100	100	without	20	26
Delivery system: Working length 2300 mm, Ø 3.3 mm / 10 French, Accepts a guide wire up to 0.035 inch				



DUS with a partial silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
202-20-060	60	40	20	26
202-20-080	80	60	20	26
Delivery system: Working length 2300 mm, Ø 3.3 mm / 10 French, Accepts a guide wire up to 0.035 inch				



Stents can be custom
made according to
your specifications.
Please contact us!



The Leufen **aixstent**® boxes are color coded for an easier differentiation.
The color code for bile duct stents is yellow.

aixstent® BDS

Bile Duct Stents

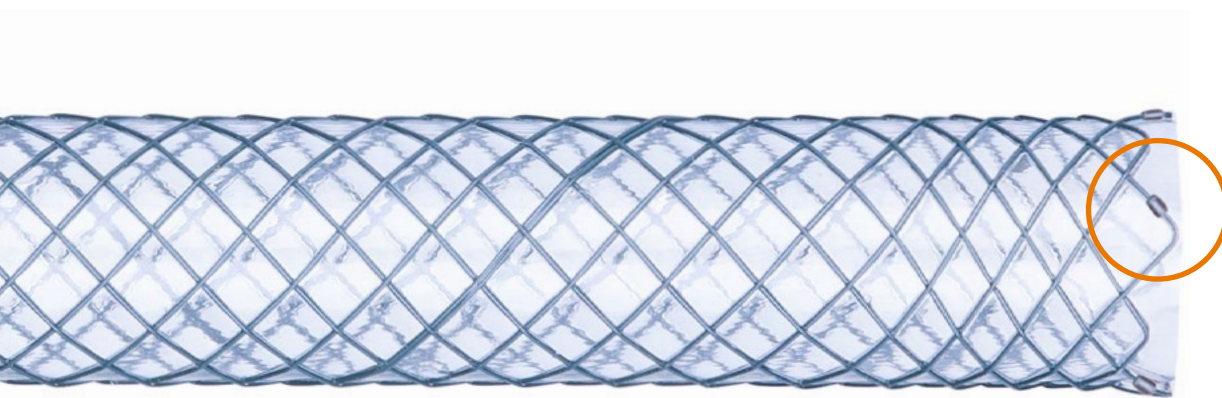
Stent for bridging of benign and malignant changes in the bile ducts

Indications:

Malignant: Acute obstruction, temporary decompression until a surgical intervention

Benign: Ischemic stenoses, postoperative stenoses, fistulae, suture insufficiency

- High radial expansion force
- High stability of the TTS
(Through The Scope) delivery system
- Tantalum X-ray markers



Tantalum X-ray marker





BDS without cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
301-10-040	40	without	10	10
301-10-060	60	without	10	10
301-10-080	80	without	10	10
Delivery system: Working length 1800 mm, Ø 2.8 mm / 8.5 French, Accepts a guide wire up to 0.035 inch				



BDS with a partial silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
302-10-040	40	30	10	10
302-10-060	60	50	10	10
302-10-080	80	70	10	10
Delivery system: Working length 1800 mm, Ø 2.8 mm / 8.5 French, Accepts a guide wire up to 0.035 inch				



BDS with full silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
303-10-040	40	40	10	10
303-10-060	60	60	10	10
303-10-080	80	80	10	10
Delivery system: Working length 1800 mm, Ø 2.8 mm / 8.5 French, Accepts a guide wire up to 0.035 inch				

Also registered for
benign
indications



Stents can be custom made according to your specifications. Please contact us!



aixstent® BDP

Bile Duct Stent, percutaneous

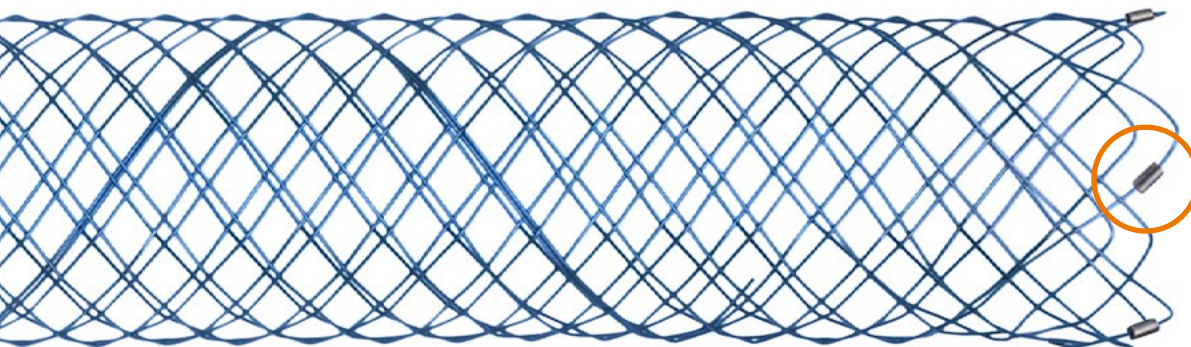
Stent for bridging malignant changes in the bile ducts

Indications:

Acute obstruction, temporary decompression until a surgical intervention

The aixstent® BDP's delivery system enables a percutaneous stent placement in those cases where an access to the choledochus through the papilla is impossible.

- High radial expansion force
- Percutaneous PTW (Percutaneous Transhepatic over the Wire) delivery system
- Tantalum X-ray markers



Tantalum X-ray marker





BDP without cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
311-10-040	40	without	10	10
311-10-060	60	without	10	10
311-10-080	80	without	10	10
Delivery system: Working length 500 mm, Ø 2.8 mm / 8.5 French, Accepts a guide wire up to 0.035 inch				



BDP with a partial silicone cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
312-10-040	40	30	10	10
312-10-060	60	50	10	10
312-10-080	80	70	10	10
Delivery system: Working length 500 mm, Ø 2.8 mm / 8.5 French, Accepts a guide wire up to 0.035 inch				



Stents can be custom made according to your specifications. Please contact us!



aixstent® PPS

Pancreas Pseudocyst Stent

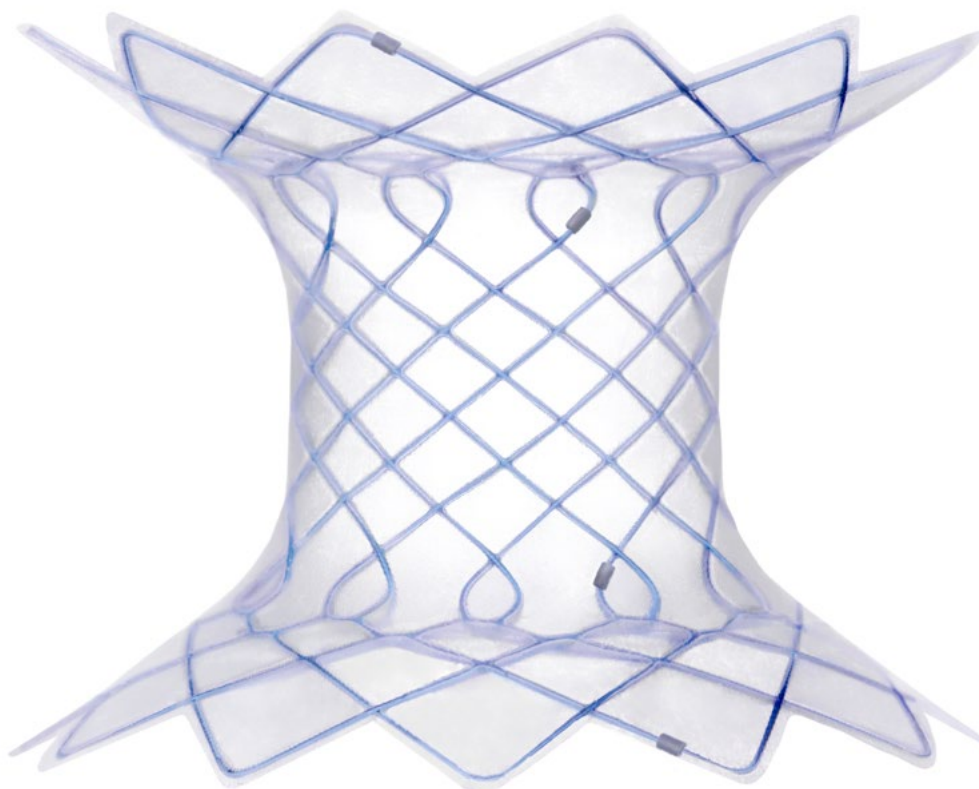
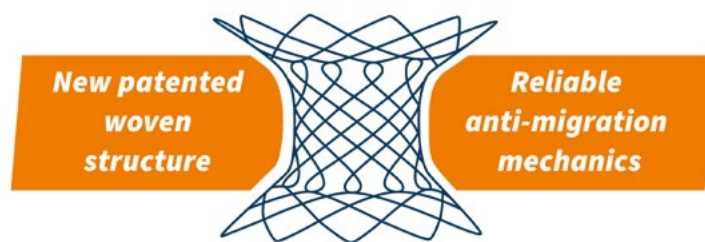
Stent designed to drain the pseudocyst's content into the stomach

Indication: Pseudocysts in the pancreas

The smart diabolo design and the new, patented, woven structure ensure reliable anti-migration mechanics.

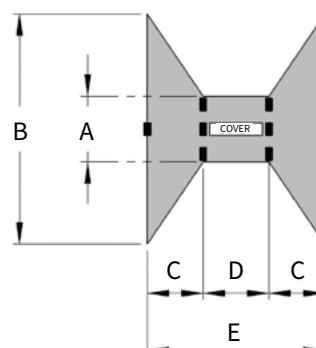
- Tissue-friendly design
- High radial expansion force
- High stability of the TTS
(Through The Scope) delivery system
- Long-lasting silicone cover
- Tantalum X-ray markers





PPS with full silicone cover

REF	A Ø (mm)	B Ø (mm)	C (mm)	D (mm)	E (mm)
333-10-030	10	35	8.5	10	27
333-15-030	15	35	7.5	10	25
Delivery system: Working length 2300 mm, Ø 3.3 mm / 10 French, Accepts a guide wire up to 0.035 inch					



! Stents can be custom made according to your specifications. Please contact us!



The Leufen **aixstent**® boxes are color coded for an easier differentiation.
The color code for colon stents is red.

aixstent® CRE

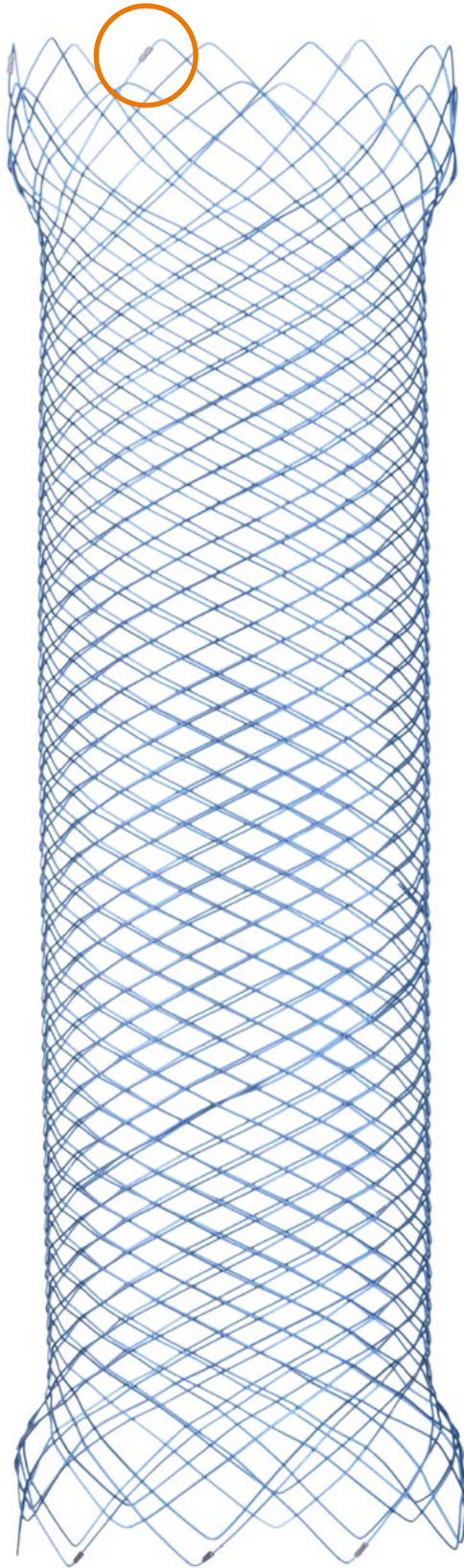
Colon Rectum Stent, Intestinal

Stent designed to bridge malign alterations in the colon or rectum

Indications: Malign, acute obstruction, temporary decompression until a surgical intervention

- Atraumatic rounded ends
- High stability of the TTS (Through The Scope) delivery system
- Tantalum X-ray markers





Tantalum X-ray marker

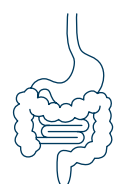
CRE without cover

REF	Total length (mm)	Cover length (mm)	Ø Center (mm)	Ø Ends (mm)
411-25-080	80	without	25	30
411-25-100	100	without	25	30

Delivery system: Working length 2300 mm, Ø 3.3 mm / 10 French, Accepts a guide wire up to 0.035 inch

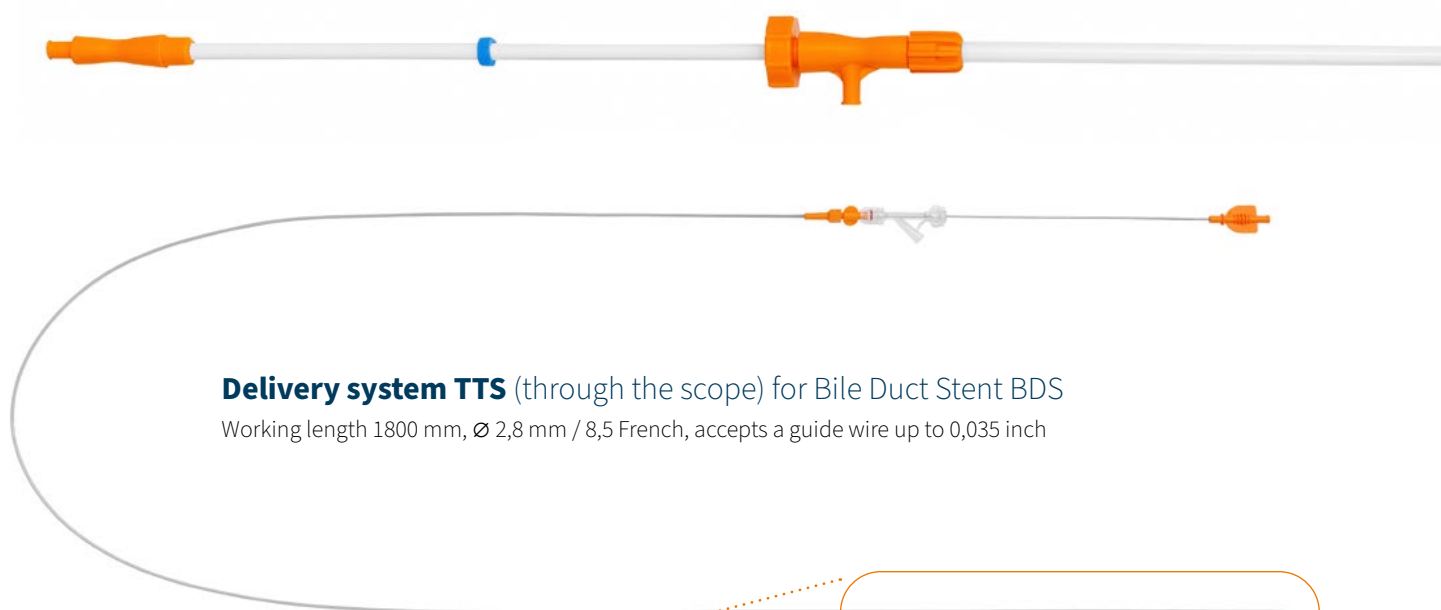
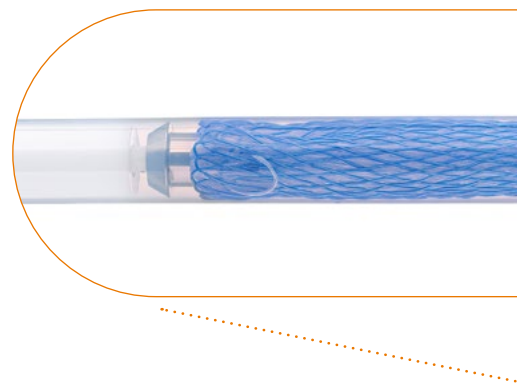


Stents can be custom made according to your specifications. Please contact us!



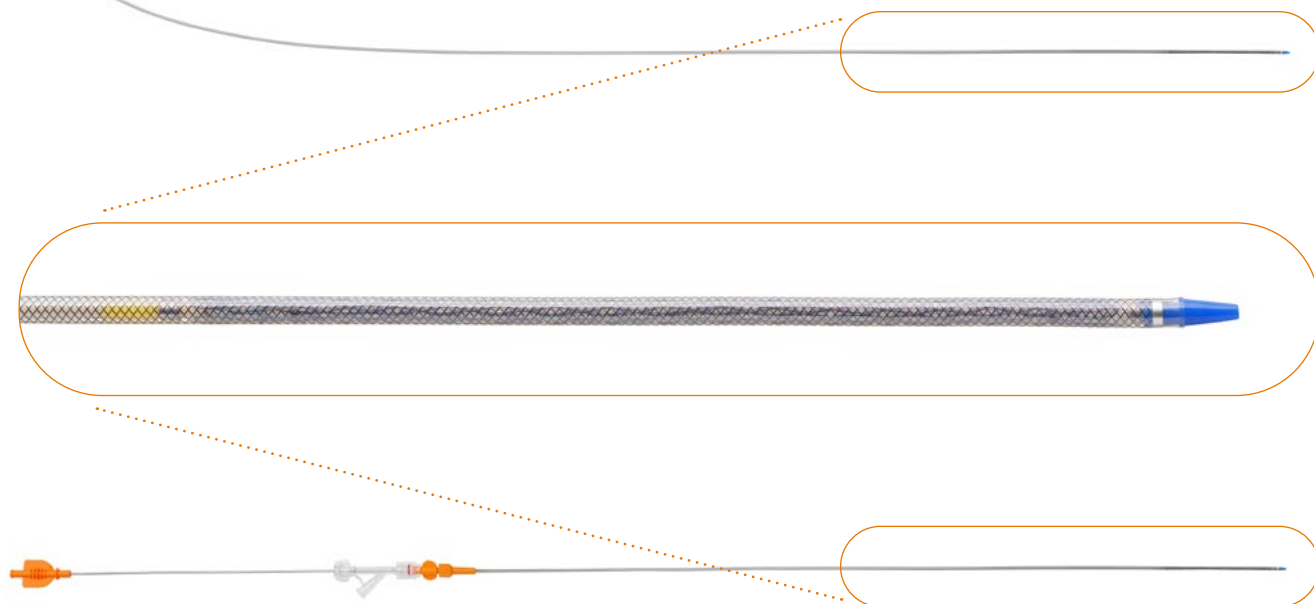
Delivery systems

for the **aixstent®** product line



Delivery system TTS (through the scope) for Bile Duct Stent BDS

Working length 1800 mm, Ø 2,8 mm / 8,5 French, accepts a guide wire up to 0,035 inch



Delivery system PTW (Percutaneous Transhepatic over the wire) for Bile Duct Stent BDP

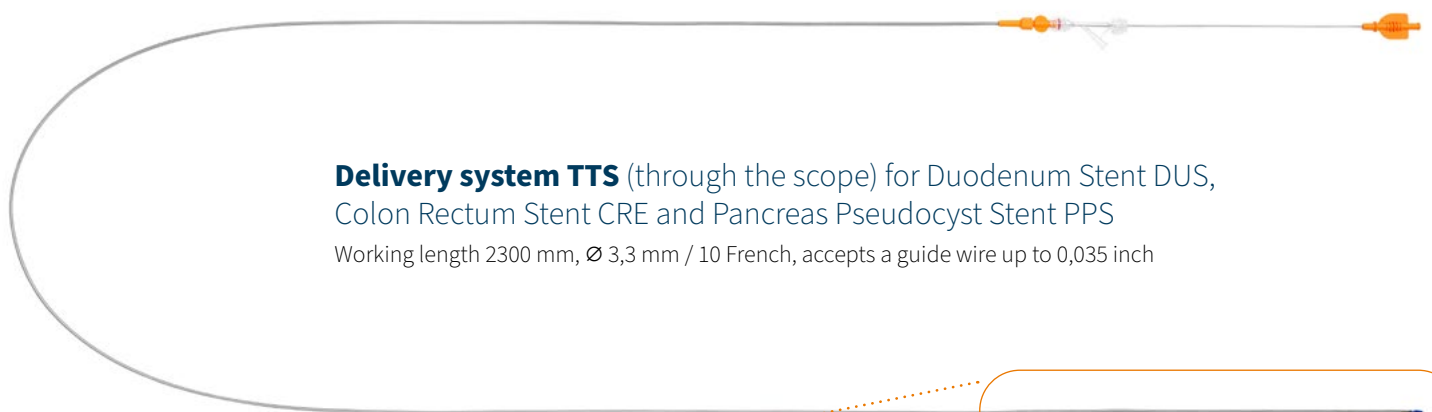
Working length 500 mm, Ø 2,8 mm / 8,5 French, accepts a guide wire up to 0,035 inch





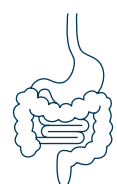
Delivery system OTW (over the wire) for Esophageal Stents OES, OEL, OEC

Working length 700 mm, Ø 8 mm / 24 French, accepts a guide wire up to 0,035 inch



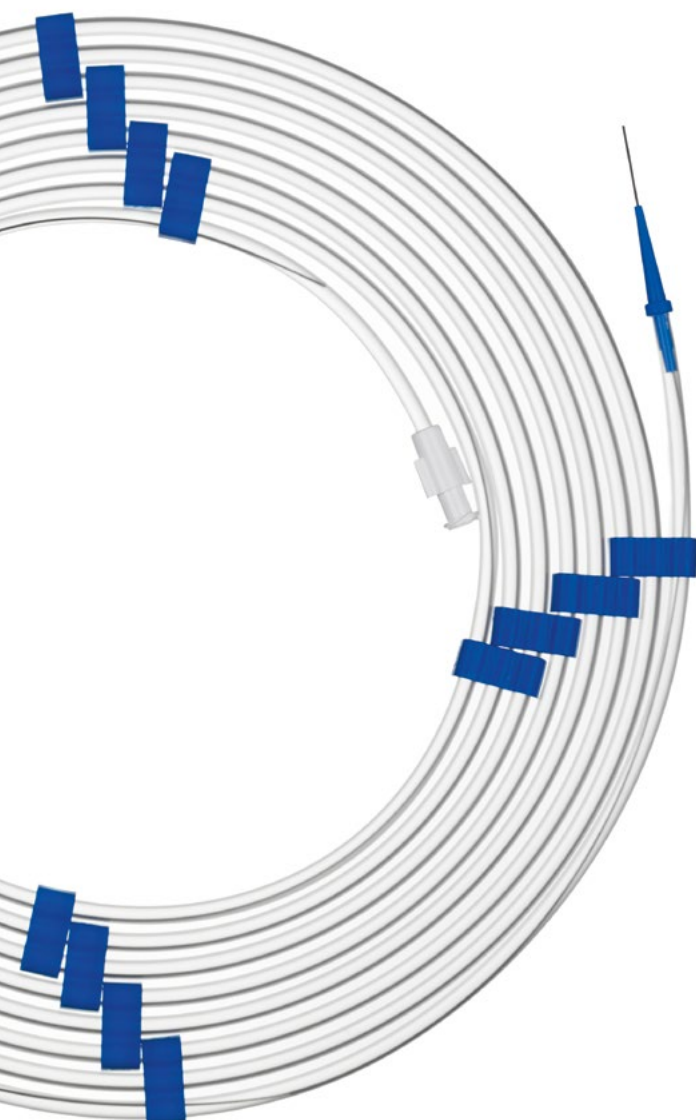
Delivery system TTS (through the scope) for Duodenum Stent DUS, Colon Rectum Stent CRE and Pancreas Pseudocyst Stent PPS

Working length 2300 mm, Ø 3,3 mm / 10 French, accepts a guide wire up to 0,035 inch



Guide wire

Intended for use with the delivery systems of the **aixstent®** product line.



- Stable and kink resistant due to nitinol core
- Very good gliding properties due to coating material
- Highly flexible radiopaque tip
- Individual sterile packaging
- Supplied in a dispenser with an insertion aid

REF	Characteristics	Ø (inch)	Length (mm)	Radiopaque tip	Cover		VE (Stk.)
					Wire	Tip	
904-35-260	black	0,035	2600	✓	—	PU	1



The products in this catalog are €-marked.



bess pro gmbh — Berlin, Deutschland

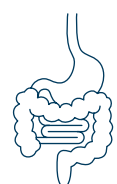


Please note that only the current instructions for use apply. Details in this catalog about the use of products serve as a guide only and reflect the information available at the time of print. If necessary, please request a current version!



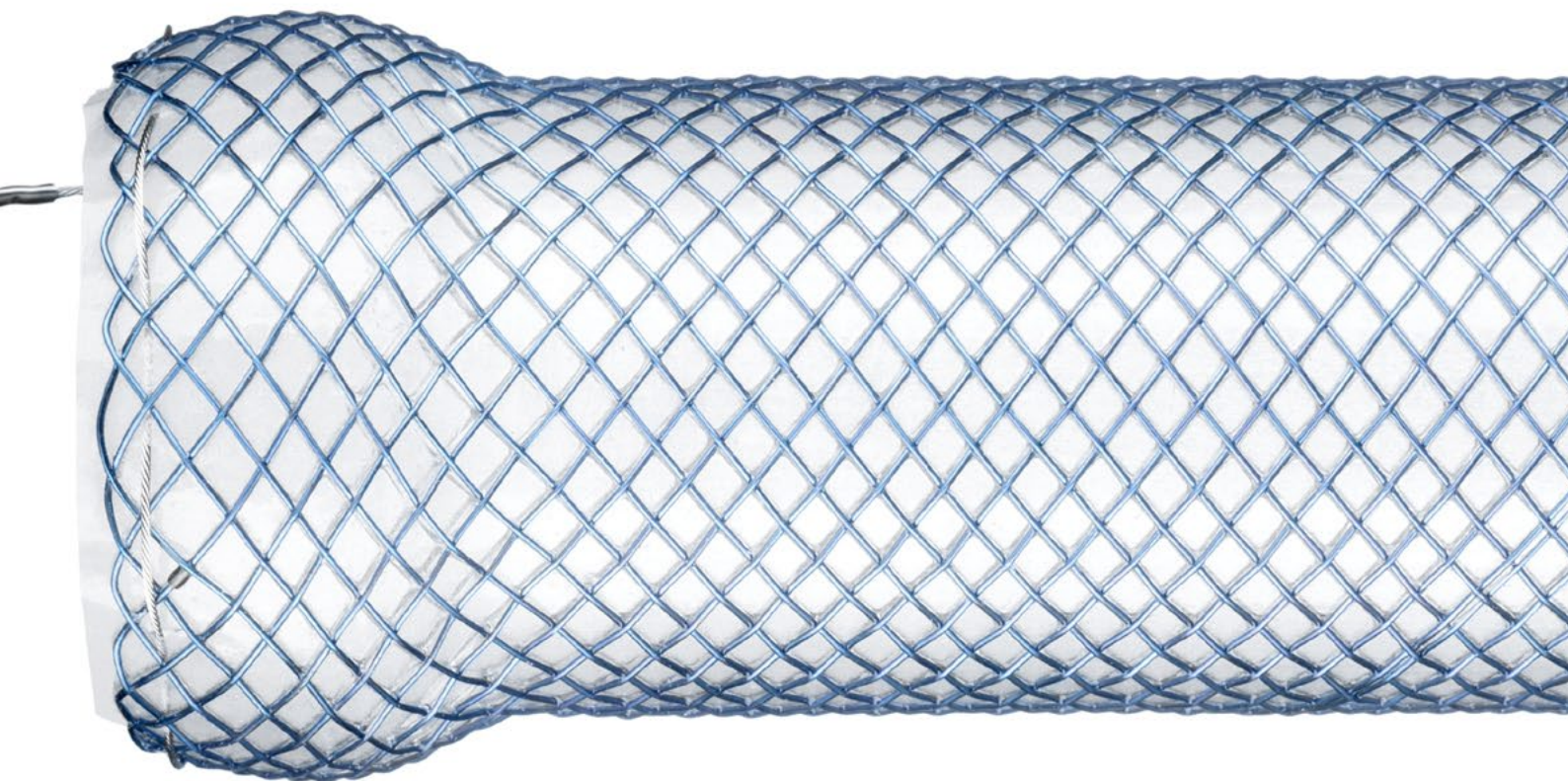
The instructions for use for some of our products are available only in electronic form (in pdf format) on our website.
Please see the product label for the required access information.

**Please note that product availability may vary by country.
Please contact us for details.**



aixstent®

Self-expanding
nitinol stents for
gastroenterology



BPR-MR-PCA-AST-aixstent LMK002_EN Rev. 6



a bess group company

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