

Colo-rectal Application



Characteristics

- TTS (Through-The-Scope)
- Application Set Fr. 10
- Length: 230 cm
- Recommended guide wire: .035" (0.89 mm)

Special Features

- Braided Teflon tubing with transparent distal end
- No shortening at distal end of the stent
- Constant and atraumatic structure of the braided design at any angle

Placement Method

- Distal

Colo-rectal Application – Ordering information*

Order No.	Stent Diameter	Tulip Diameter	Length	Coating
COL-0-20-80	20 mm	24 mm	80 mm	non-covered
COL-0-20-100	20 mm	24 mm	100 mm	non-covered
COL-0-20-120	20 mm	24 mm	120 mm	non-covered
COL-0-22-80	22 mm	26 mm	80 mm	non-covered
COL-0-22-100	22 mm	26 mm	100 mm	non-covered
COL-0-22-120	22 mm	26 mm	120 mm	non-covered

* Endo-Flex offers stents in numerous sizes, which are not all listed in this leaflet. We kindly ask you to contact us to check the availability of the specific requested sizes.

ENDO-FLEX Self-Expanding Nitinol Stents

Our self-expanding Nitinol stents ensure precise and reliable stent placement under endoscopic view and x-ray control. Material and design reduces the risk of stent migration.

Material

All ENDO-FLEX stents are made of Nitinol, a biocompatible Nickel-Titanium alloy with memory effect. Nitinol Stents stand out due to their super elasticity and shape memory and develop a balanced and constant radial force under body temperature to gradually expand and keep strictures open after stent placement.

Stent-Design

All ENDO-FLEX stents are woven from one wire only, in a so called "Single-Wire-Design". In this process, the initial and the terminal point of the wire overlap at the center of the stent producing a slightly increased radial opening force in this area. All stents are a-traumatically shaped with no sharp or pointed edges, to minimize the risk of tissue injuries.

Coating

The (optional) coating on ENDO-FLEX stents consists of Silicone. The high elasticity of this material offers not only the choice between full or partial coating, but also high resistance against external mechanical influences. Moreover, since the entire stent and its meshes are embedded in the Silicone material, even fully coated stents keep a slip-proof surface thus reducing the risk of migration.

Radiopaque markers

In order to facilitate a most accurate placement, both the stents and the application sets are equipped with multiple radiopaque markers. The markers on the stents are made of Tantalum, a highly biocompatible implant material with a high mass density for best possible visibility under fluoroscopy.

Confidence in Endoscopic Stenting



Self-Expanding Nitinol Stents

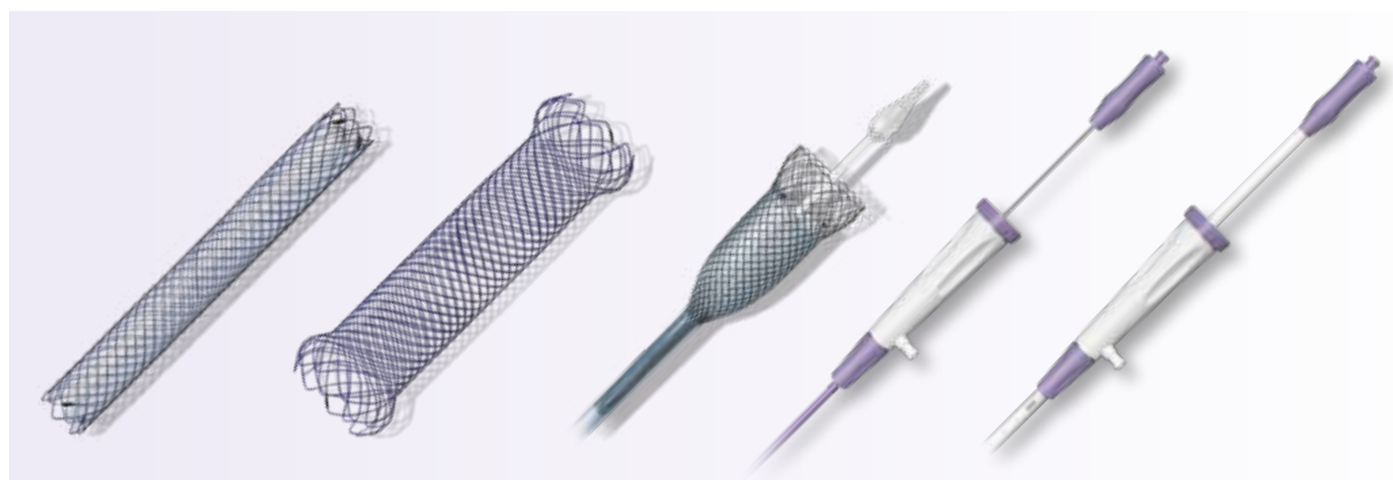
- Made of high elastic Nitinol
- A-traumatically shaped
- Multiple radiopaque markers
- Optional silicone coating

Endoscopic instruments
for gastroenterology
by specialists

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Features and Benefits for your confidence in Endoscopic Stenting



- **Made of Nitinol**
 - High elasticity
 - Balanced and constant shape memory to keep strictures open
- **A-traumatically shaped**
 - Minimizing the risk of tissue injuries
 - For effective anchorage and migration prevention
- **Multiple radiopaque markers**
 - Facilitating most accurate stent placement
- **Optional silicone coating**
 - High resistance against external mechanical influences
 - Reduced risk of migration due to special coating technique

Fields of Application

Biliary
Duodenal
Esophageal
Colo-Rectal

Application Sets:

Depending on the field of application Endo-Flex stents can be placed:

- TTS (Through-The-Scope) for e.g. biliary stents
- OTW (Over-The-Wire) for e.g. esophageal stents

We're focused on easy handling and optimal deployment time of all Endo-Flex stents. To support easy application, all handling steps of the Endo-Flex stents are identical.

Stent Placement

As precise positioning in stenting is crucial, all Endo-Flex stents are clearly marked for distal or proximal placement.

Distal Sets: The distal end of the stent is placed at the designated position. By pulling the stent over tube, the stent is being released and expands towards the proximal side.

Proximal Sets: The proximal end of the stent is placed at the designated position. By pushing the stent out of the tube, the stent is being released and expands towards the distal side.

Biliary Application



Characteristics

- TTS (Through-The-Scope)
- Application Set Fr. 8 (non-coated), Fr. 9 (coated)
- Length: 120 cm
- Recommended guide wire: .035" (0.89 mm)

Special Features

- No stent shortening at proximal end of stent (close to the sphincter)
- Minimum / less fluoroscopy needed
- Braided Teflon tubing with transparent distal end
- Capacity for repositioning of up to 60 %
- Indicator for "point of no return"

Placement Method

- Proximal

Duodenal Application – Ordering information*				
Order No.	Stent Diameter	Tulip Diameter	Length	Coating
BIL-0-10-40 RP	10 mm	n.a.	40 mm	non-covered
BIL-0-10-60 RP	10 mm	n.a.	60 mm	non-covered
BIL-0-10-80 RP	10 mm	n.a.	80 mm	non-covered
BIL-0-10-100 RP	10 mm	n.a.	100 mm	non-covered
BIL-1-10-40 RP	10 mm	n.a.	40 mm	covered
BIL-1-10-60 RP	10 mm	n.a.	60 mm	covered
BIL-1-10-80 RP	10 mm	n.a.	80 mm	covered
BIL-1-10-100 RP	10 mm	n.a.	100 mm	covered

Duodenal Application



Characteristics

- TTS (Through-The-Scope)
- Application Set Fr. 10
- Length: 210 cm
- Recommended guide wire: .035" (0.89 mm)

Special Features

- No stent shortening at distal end of release
- Constant and atraumatic structure of the braided design at any angle
- Braided Teflon tubing with transparent distal end

Placement Method

- Distal

Duodenal Application – Ordering information*				
Order No.	Stent Diameter	Tulip Diameter	Length	Coating
DUO-0-20-60	20 mm	24 mm	60 mm	non-covered
DUO-0-20-80	20 mm	24 mm	80 mm	non-covered
DUO-0-20-100	20 mm	24 mm	100 mm	non-covered
DUO-0-22-100	22 mm	26 mm	100 mm	non-covered

Esophageal Application



Characteristics

- OTW (Over-The-Wire)
- Application Set 8 mm
- Length: 70 cm
- Recommended guide wire: .035" (0.89 mm)

Special Features

- Transparent outer tubing with graduation
- Nylon threads on both ends for repositioning

Placement Method

- Depending on location of stenosis: distal or proximal

Esophageal Application – Ordering information*				
Order No.	Stent Diameter	Tulip Diameter	Length	Coating
ESO-1-20-80	20 mm	24 mm	80 mm	partially covered
ESO-1-20-100	20 mm	24 mm	100 mm	partially covered
ESO-1-20-120	20 mm	24 mm	120 mm	partially covered
ESO-1-20-140	20 mm	24 mm	140 mm	partially covered
ESO-1-24-80	24 mm	28 mm	80 mm	partially covered
ESO-1-24-100	24 mm	28 mm	100 mm	partially covered
ESO-1-24-120	24 mm	28 mm	120 mm	partially covered
ESO-1-24-140	24 mm	28 mm	140 mm	partially covered
ESO-2-20-80	20 mm	24 mm	80 mm	covered
ESO-2-20-100	20 mm	24 mm	100 mm	covered
ESO-2-20-120	20 mm	24 mm	120 mm	covered

Esophageal Application – Ordering information – Proximal placement*				
Order No.	Stent Diameter	Tulip Diameter	Length	Coating
ESO-1-20-80 RP	20 mm	24 mm	80 mm	partially covered
ESO-1-20-100 RP	20 mm	24 mm	100 mm	partially covered
ESO-1-20-120 RP	20 mm	24 mm	120 mm	partially covered
ESO-1-20-140 RP	20 mm	24 mm	140 mm	partially covered
ESO-1-24-80 RP	24 mm	28 mm	80 mm	partially covered
ESO-1-24-100 RP	24 mm	28 mm	100 mm	partially covered
ESO-1-24-120 RP	24 mm	28 mm	120 mm	partially covered
ESO-1-24-140 RP	24 mm	28 mm	140 mm	partially covered
ESO-2-20-80 RP	20 mm	24 mm	80 mm	covered
ESO-2-20-100 RP	20 mm	24 mm	100 mm	covered
ESO-2-20-120 RP	20 mm	24 mm	120 mm	covered

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