

Diversity Precisely Delivered



Variety of treatment options

01 Straight Open – Straight Cut Design

Bare spring at the proximal end for safe fixation and continuous blood flow in efferent vessels.

Ø proximal
24 - 44 mm



9 - 12 mm*

Covered length
100 - 230 mm

Ø distal
24 - 44 mm

02 Twin Stent – Straight Cut Design

Two covered springs at the proximal end designed for safe fixation and overlapping to a proximal stent graft.

Ø proximal
24 - 44 mm



6.5 - 8 mm*
13 - 17 mm*

Covered length
80 - 150 mm

Ø distal
24 - 40 mm

03 Twin Stent – Free Spring Design

Covered spring design with an additional free spring at the distal end for an additional fixation and preserving blood flow to efferent vessels.

Ø proximal
26 - 44 mm



6.5 - 8 mm*
13 - 17 mm*

Covered length
150 mm

13 - 17 mm*

Ø distal
26 - 40 mm

* related to stent graft diameter

Bench test data on file at JOTEC GmbH. Data not indicative of clinical performance.

Proven platform

The proven JOTEC delivery system with its Squeeze-to-Release mechanism comes with a working length of 95 cm and enables a controlled deployment with 4 mm of stent graft release per click. The catheter profile for the E-vita THORACIC 3G starts at 20 F.

Positioning

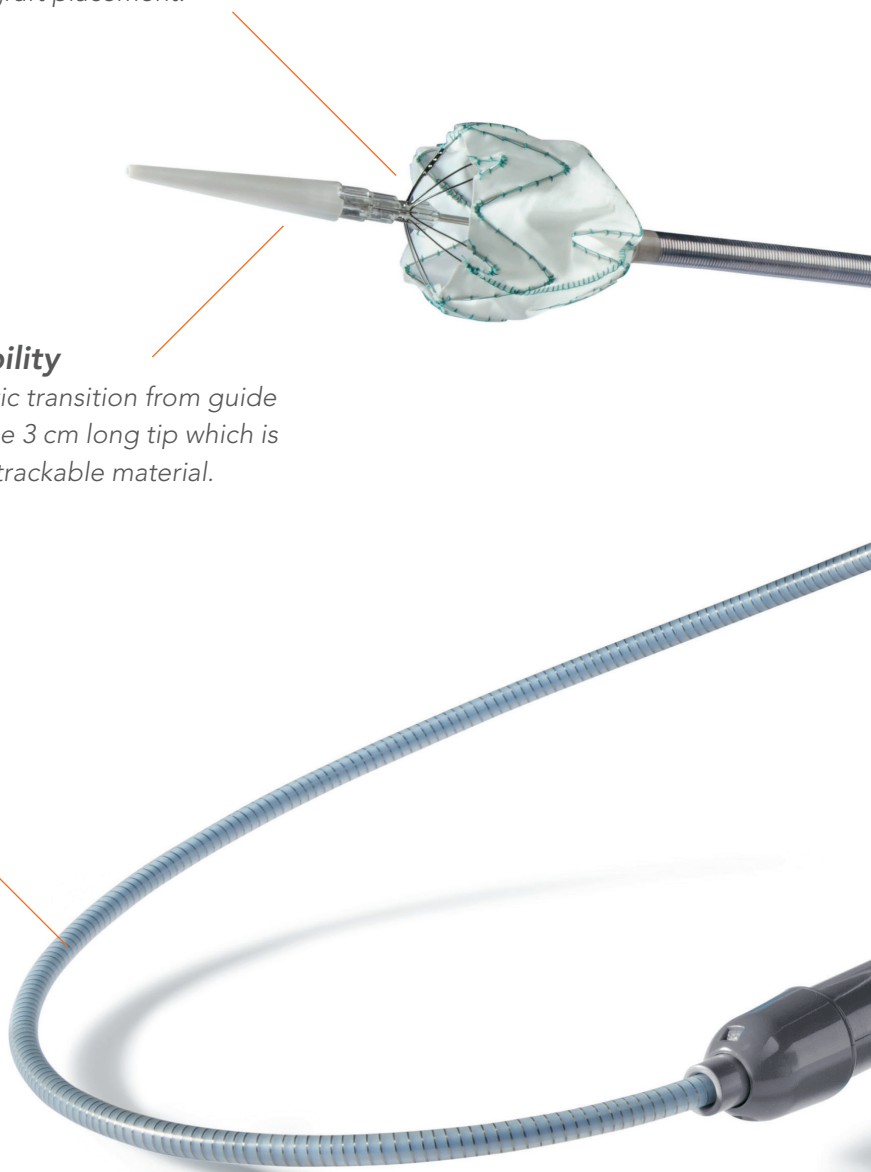
Separate release of the proximal stent for precise stent graft placement.

Trackability

Atraumatic transition from guide wire to the 3 cm long tip which is made of trackable material.

Smoothness

Hydrophilic coating of the catheter for an easy introduction and smooth advancement to the target lesion.



Patented Pearl Pusher Technology

Our Patented Pearl Pusher Technology (Triple-P-Technology) was engineered to provide the catheter with pushability & flexibility at the same time. The non-connected pearls do also serve as pusher during the release of the stent graft.



Flexibility and Pushability

Catheter portion with tight coiling is designed for high flexibility even in tortuous anatomies. The wide coiling portion was implemented to enable an enhanced pushability.

Safety

Release button remains securely locked until release of the proximal spring.



Precision

The Squeeze-to-Release® deployment mechanism for stepwise or continuous release of the stent graft is designed to enable precise positioning.

Introduction

The E-vita THORACIC 3G stent graft has been specially developed for the treatment of aneurysms, dissections and specific lesions of the thoracic aorta descendens. The main indications for use of are acutely life threatening patient conditions due to:

- Aneurysm Rupture
- Traumatic Aortic Rupture
- Aortic Dissection
- Plaque Rupture
- Penetrating Aortic Ulcer
- Intramural Hematoma
- Aorto-Bronchial Fistula or Aorto- Oesophagal Fistula

The stent graft was designed for patients for whom conventional surgery is either indicated or contraindicated due to pre-existent risk factors.



Various stent graft configurations to treat a broad range of anatomies

Patented Pearl Pusher Technology for enhanced flexibility & trackability

Spring configuration for tight sealing & safe fixation

Sheatless application of the delivery system with a profile starting at 20 F

Proven Squeeze-to-Release mechanism for a controlled and stepwise deployment

Ordering Information

01 Straight Open – Straight Cut Design

Catalog No.	Ø Proximal (mm)	Ø Distal (mm)	Covered length (mm)	OD delivery system (F/mm)
Straight Version				
70SO2424S13-00	24	24	130	20 / 6.7
70SO2424S17-00	24	24	170	20 / 6.7
70SO2626S10-00	26	26	100	20 / 6.7
70SO2626S13-00	26	26	130	20 / 6.7
70SO2626S17-00	26	26	170	20 / 6.7
70SO2828S10-00	28	28	100	20 / 6.7
70SO2828S13-00	28	28	130	20 / 6.7
70SO2828S17-00	28	28	170	20 / 6.7
70SO3030S10-00	30	30	100	22 / 7.3
70SO3030S13-00	30	30	130	22 / 7.3
70SO3030S17-00	30	30	170	22 / 7.3
70SO3030S23-00	30	30	230	22 / 7.3
70SO3333S10-00	33	33	100	22 / 7.3
70SO3333S13-00	33	33	130	22 / 7.3
70SO3333S17-00	33	33	170	22 / 7.3
70SO3333S23-00	33	33	230	22 / 7.3
70SO3636S10-00	36	36	100	22 / 7.3
70SO3636S13-00	36	36	130	22 / 7.3
70SO3636S17-00	36	36	170	22 / 7.3
70SO3636S23-00	36	36	230	22 / 7.3
70SO3838S10-00	38	38	100	24 / 8.0
70SO3838S17-00	38	38	170	24 / 8.0
70SO3838S23-00	38	38	230	24 / 8.0
70SO4040S10-00	40	40	100	24 / 8.0
70SO4040S13-00	40	40	130	24 / 8.0
70SO4040S17-00	40	40	170	24 / 8.0
70SO4040S23-00	40	40	230	24 / 8.0
70SO4242S17-00	42	42	170	24 / 8.0
70SO4444S13-00	44	44	130	24 / 8.0
70SO4444S17-00	44	44	170	24 / 8.0

01 Straight Open – Straight Cut Design

Catalog No.	Ø Proximal (mm)	Ø Distal (mm)	Covered length (mm)	OD delivery system (F/mm)
Tapered Version				
70SO2824S17-00	28	24	170	20/6.7
70SO3026S17-00	30	26	170	22/7.3
70SO3330S13-00	33	30	130	22/7.3
70SO3326S17-00	33	26	170	22/7.3
70SO3330S17-00	33	30	170	22/7.3
70SO3330S23-00	33	30	230	22/7.3
70SO3628S17-00	36	28	170	22/7.3
70SO3628S23-00	36	28	230	22/7.3
70SO3630S17-00	36	30	170	22/7.3
70SO3633S13-00	36	33	130	22/7.3
70SO3633S17-00	36	33	170	22/7.3
70SO3633S23-00	36	33	230	22/7.3
70SO3633S17-00	38	30	170	24/8.0
70SO3830S23-00	38	30	230	24/8.0
70SO3833S17-00	38	33	170	24/8.0
70SO3833S23-00	38	33	230	24/8.0
70SO4030S17-00	40	30	170	24/8.0
70SO4030S23-00	40	30	230	24/8.0
70SO4033S17-00	40	33	170	24/8.0
70SO4033S23-00	40	33	230	24/8.0
70SO4036S17-00	40	36	170	24/8.0
70SO4036S23-00	40	36	230	24/8.0
70SO4230S23-00	42	30	230	24/8.0
70SO4233S17-00	42	33	170	24/8.0
70SO4236S17-00	42	36	170	24/8.0
70SO4236S23-00	42	36	230	24/8.0
70SO4433S17-00	44	33	170	24/8.0
70SO4433S23-00	44	33	230	24/8.0
70SO4436S17-00	44	36	170	24/8.0
70SO4436S23-00	44	36	230	24/8.0
70SO4440S13-00	44	40	130	24/8.0
70SO4440S17-00	44	40	170	24/8.0
70SO4440S23-00	44	40	230	24/8.0

02 Twin Stent – Straight Cut Design

Catalog No.	Ø Proximal (mm)	Ø Distal (mm)	Covered length (mm)	OD delivery system (F/mm)
Straight Version				
70ST2424S15-00	24	24	150	20/6.7
70ST2626S09-00	26	26	90	20/6.7
70ST2626S15-00	26	26	150	20/6.7
70ST2828S09-00	28	28	90	20/6.7
70ST2828S15-00	28	28	150	20/6.7
70ST3030S09-00	30	30	90	22/7.3
70ST3030S15-00	30	30	150	22/7.3
70ST3333S08-00	33	33	80	22/7.3
70ST3333S15-00	33	33	150	22/7.3
70ST3636S08-00	36	36	80	22/7.3
70ST3636S15-00	36	36	150	22/7.3
70ST4040S08-00	40	40	80	24/8.0
70ST4040S15-00	40	40	150	24/8.0
Tapered Version				
70ST3330S15-00	33	30	150	22/7.3
70ST3633S15-00	36	33	150	22/7.3
70ST4036S15-00	40	36	150	24/8.0
70ST4440S15-00	44	40	150	24/8.0

03 Twin Stent – Free Spring Design

Catalog No.	Ø Proximal (mm)	Ø Distal (mm)	Covered length (mm)	OD delivery system (F/mm)
Straight Version				
70ST2626F15-00	26	26	150	20/6.7
70ST2828F15-00	28	28	150	20/6.7
70ST3030F15-00	30	30	150	22/7.3
70ST3333F15-00	33	33	150	22/7.3
70ST3636F15-00	36	36	150	22/7.3
70ST4040F15-00	40	40	150	24/8.0
Tapered Version				
70ST3330F15-00	33	30	150	22/7.3
70ST3633F15-00	36	33	150	22/7.3
70ST4036F15-00	40	36	150	24/8.0
70ST4440F15-00	44	40	150	24/8.0

Non stock item

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