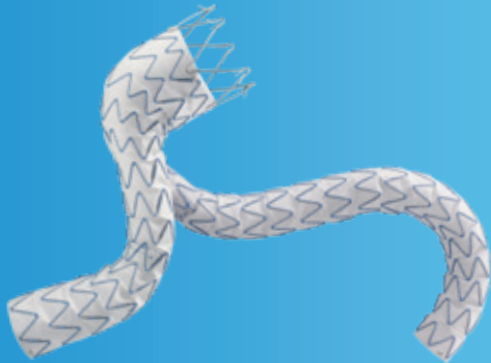


Endurant™
II/IIIs



Talent™
Occluder



Valiant™
Navion™



Valiant™
Captivia™



Heli-FX™



TourGuide™

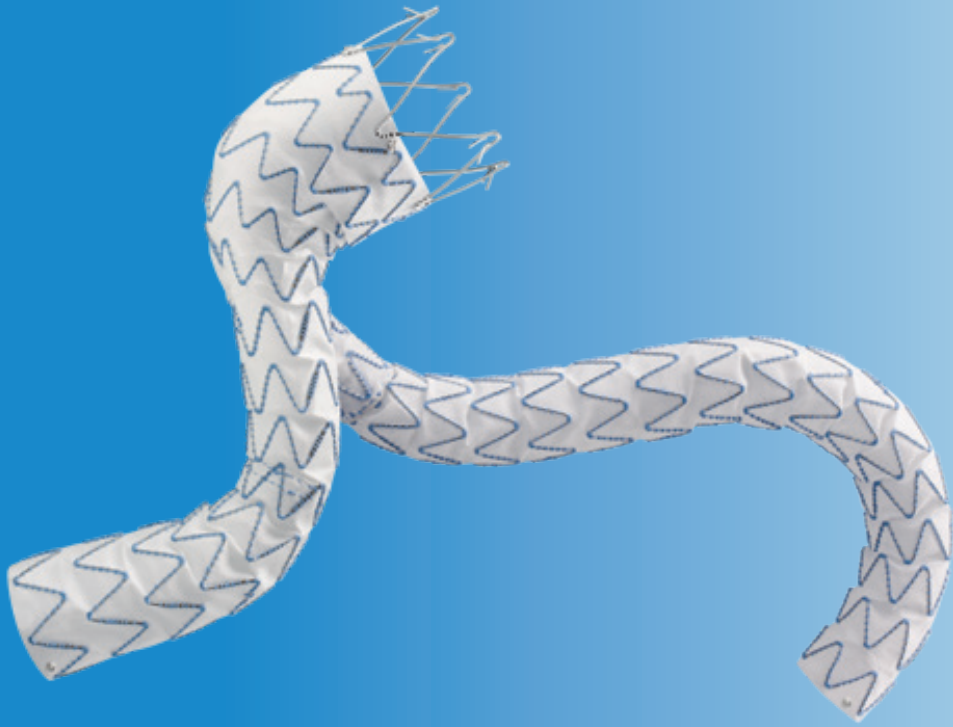


Sentrant™



Reliant™



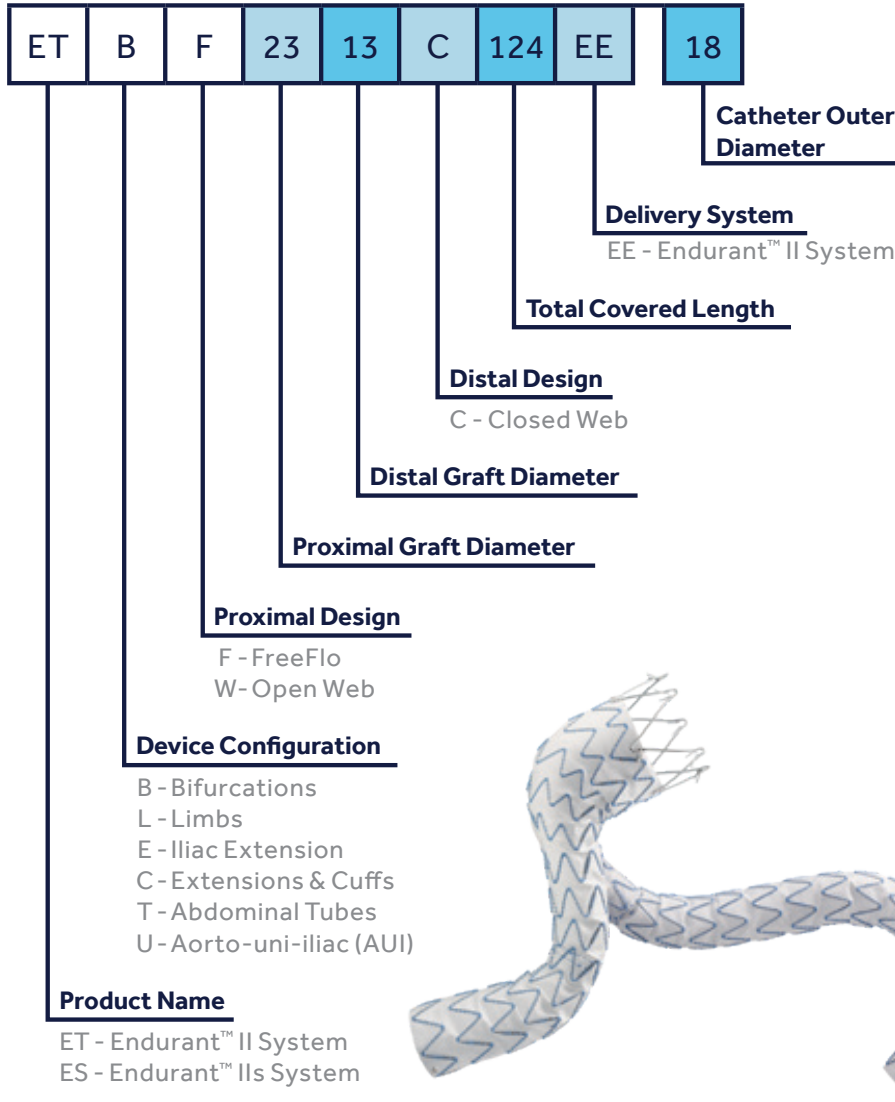


**PROVEN
SOLUTIONS**
AS VARIED
AS YOUR
PATIENTS

Endurant™ II/IIs

AAA Stent Graft System

ENDURANT™ II/IIs SYSTEM PRODUCT CODE DESCRIPTION



ENDURANT™ IIs SYSTEM BIFURCATIONS

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (Fr)
ESBF	23	14	C	103	EE	18
ESBF	25	14	C	103	EE	18
ESBF	28	14	C	103	EE	18
ESBF	32	14	C	103	EE	20
ESBF	36	14	C	103	EE	20



ENDURANT™ II SYSTEM BIFURCATIONS

Product Code	Product Code					Catheter Outer Diameter (Fr)
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	
ETBF	23	13	C	124	EE	18
ETBF	23	13	C	145	EE	18
ETBF	23	13	C	166	EE	18
ETBF	23	16	C	124	EE	18
ETBF	23	16	C	145	EE	18
ETBF	23	16	C	166	EE	18
ETBF	25	13	C	124	EE	18
ETBF	25	13	C	145	EE	18
ETBF	25	13	C	166	EE	18
ETBF	25	16	C	124	EE	18
ETBF	25	16	C	145	EE	18
ETBF	25	16	C	166	EE	18
ETBF	28	13	C	124	EE	18
ETBF	28	13	C	145	EE	18
ETBF	28	13	C	166	EE	18
ETBF	28	16	C	124	EE	18
ETBF	28	16	C	145	EE	18
ETBF	28	16	C	166	EE	18
ETBF	28	20	C	124	EE	18
ETBF	28	20	C	145	EE	18
ETBF	28	20	C	166	EE	18
ETBF	32	16	C	124	EE	20
ETBF	32	16	C	145	EE	20
ETBF	32	16	C	166	EE	20
ETBF	32	20	C	124	EE	20
ETBF	32	20	C	145	EE	20
ETBF	32	20	C	166	EE	20
ETBF	36	16	C	145	EE	20
ETBF	36	16	C	166	EE	20
ETBF	36	20	C	145	EE	20
ETBF	36	20	C	166	EE	20

Endurant™ II/IIs

AAA Stent Graft System

LIMBS†

Product Code						Catheter Outer Diameter (Fr)	Total Contralateral Covered Length with EII/Ells Bifurcated‡	Total Ipsilateral Covered Length with Ells Bifurcated§
Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System				
ETLW	16	10	C	82	EE	14	136	155
ETLW	16	10	C	93	EE	14	147	166
ETLW	16	10	C	124	EE	14	178	177–197
ETLW	16	10	C	156	EE	16	210	209–229
ETLW	16	10	C	199	EE	16	253	252–272
ETLW	16	13	C	82	EE	14	136	155
ETLW	16	13	C	93	EE	14	147	166
ETLW	16	13	C	124	EE	14	178	177–197
ETLW	16	13	C	156	EE	16	210	209–229
ETLW	16	13	C	199	EE	16	253	252–272
ETLW	16	16	C	82	EE	14	136	135–155
ETLW	16	16	C	93	EE	14	147	146–166
ETLW	16	16	C	124	EE	14	178	177–197
ETLW	16	16	C	156	EE	16	210	209–229
ETLW	16	16	C	199	EE	16	253	252–272
ETLW	16	20	C	82	EE	16	136	155
ETLW	16	20	C	93	EE	16	147	166
ETLW	16	20	C	124	EE	16	178	177–197
ETLW	16	20	C	156	EE	16	210	209–229
ETLW	16	20	C	199	EE	16	253	252–272
ETLW	16	24	C	82	EE	16	136	155
ETLW	16	24	C	93	EE	16	147	166
ETLW	16	24	C	124	EE	16	178	177–197
ETLW	16	24	C	156	EE	16	210	209–229
ETLW	16	24	C	199	EE	16	253	252–272
ETLW	16	28	C	82	EE	16	136	155
ETLW	16	28	C	93	EE	16	147	166
ETLW	16	28	C	124	EE	16	178	177–197
ETLW	16	28	C	156	EE	16	210	209–229
ETLW	16	28	C	199	EE	16	253	252–272

†The limb mates with the AUI stent graft on the ipsilateral side.

‡These calculations assume the minimum 30 mm overlap between the bifurcated stent graft and the contralateral iliac limb per the Endurant™ II Stent Graft System *Instructions for Use*. When using the 124 mm length bifurcated stent graft, subtract 10 mm from Total Contralateral Covered Length with Bifurcated.

§The 3-5 stent overlap is available only with select limbs. Please refer to the *Instructions for Use* for more information.



ILIAC EXTENSIONS

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (Fr)
ETEW	10	10	C	82	EE	14
ETEW	13	13	C	82	EE	14
ETEW	20	20	C	82	EE	16
ETEW	24	24	C	82	EE	16
ETEW	28	28	C	82	EE	18

AORTIC EXTENSIONS

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (Fr)
ETCF	23	23	C	49	EE	18
ETCF	25	25	C	49	EE	18
ETCF	28	28	C	49	EE	18
ETCF	32	32	C	49	EE	20
ETCF	36	36	C	49	EE	20

ABDOMINAL TUBES

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (Fr)
ETTF	23	23	C	70	EE	18
ETTF	25	25	C	70	EE	18
ETTF	28	28	C	70	EE	18
ETTF	32	32	C	70	EE	20
ETTF	36	36	C	70	EE	20

AUI

Product Code						
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Catheter Outer Diameter (Fr)
ETUF	23	14	C	102	EE	18
ETUF	25	14	C	102	EE	18
ETUF	28	14	C	102	EE	18
ETUF	32	14	C	102	EE	20
ETUF	36	14	C	102	EE	20

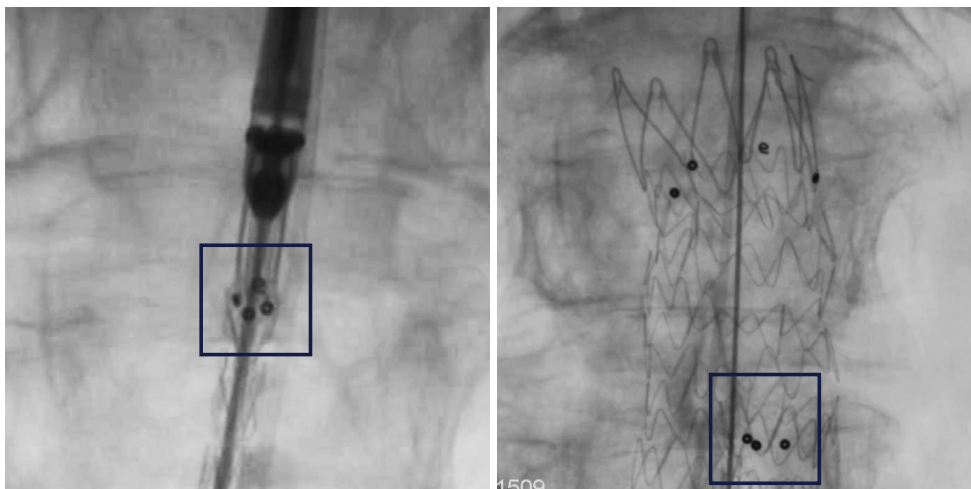
Endurant™ II/IIs

AAA Stent Graft System

PLACEMENT AND SIZING GUIDELINES

Use the proximal radiopaque markers to position the top edge of the graft material.

 e-SHAPED MARKER ASSISTS WITH A/P ORIENTATION



RADIOPAQUE MARKERS

For the contralateral side: The radiopaque markers at the proximal limb should be aligned with the radiopaque markers at the flow divider of the Endurant™ II system or Endurant™ II s system bifurs.

For the ipsilateral side: Depending on the limb configuration used, the radiopaque markers at the proximal end of the limb should be aligned to the distal radiopaque marker on the ipsilateral leg or the flow divider marker of the Endurant™ II s system bifur. Select limbs will allow a 3-5 stent overlap adjustment during the case. Please refer to the *Instructions for Use* for more information as needed.



Each Endurant™ II/Endurant™ IIs AAA stent graft must be ordered in a size that is appropriate to fit the patient's anatomy. Proper sizing of the Endurant™ II/Endurant™ IIs AAA stent graft is the responsibility of the physician. The following suggestions for stent graft diameters are based on vessel inner wall measurements.

BIFURCATIONS, AUI AND AORTIC EXTENSIONS

Native Vessel (mm)		Recommended Endurant™ II System Diameter (mm)
Standard EVAR [†]	ChEVAR [‡]	
19–20	n/a	23
21–22	19–20	25
23–25	21–23	28
26–28	24–26	32
29–32	27–30	36

ILIAC EXTENSIONS

Native Vessel (mm)	Recommended Endurant™ II System Diameter (mm)
8–9	10
10–11	13
15–18	20
19–22	24
23–25	28

LIMBS

Native Vessel (mm)	Recommended Endurant™ II System Diameter (mm)
8–9	10
10–11	13
12–14	16
15–18	20
19–22	24
23–25	28

[†] EVAR: Bifurs, Cuff, AUI, Tube Configuration

[‡] ChEVAR Indication not approved globally. Check local regulatory status.

For complete product information visit www.medtronic.com/manuals. Consult instructions for use at this website. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

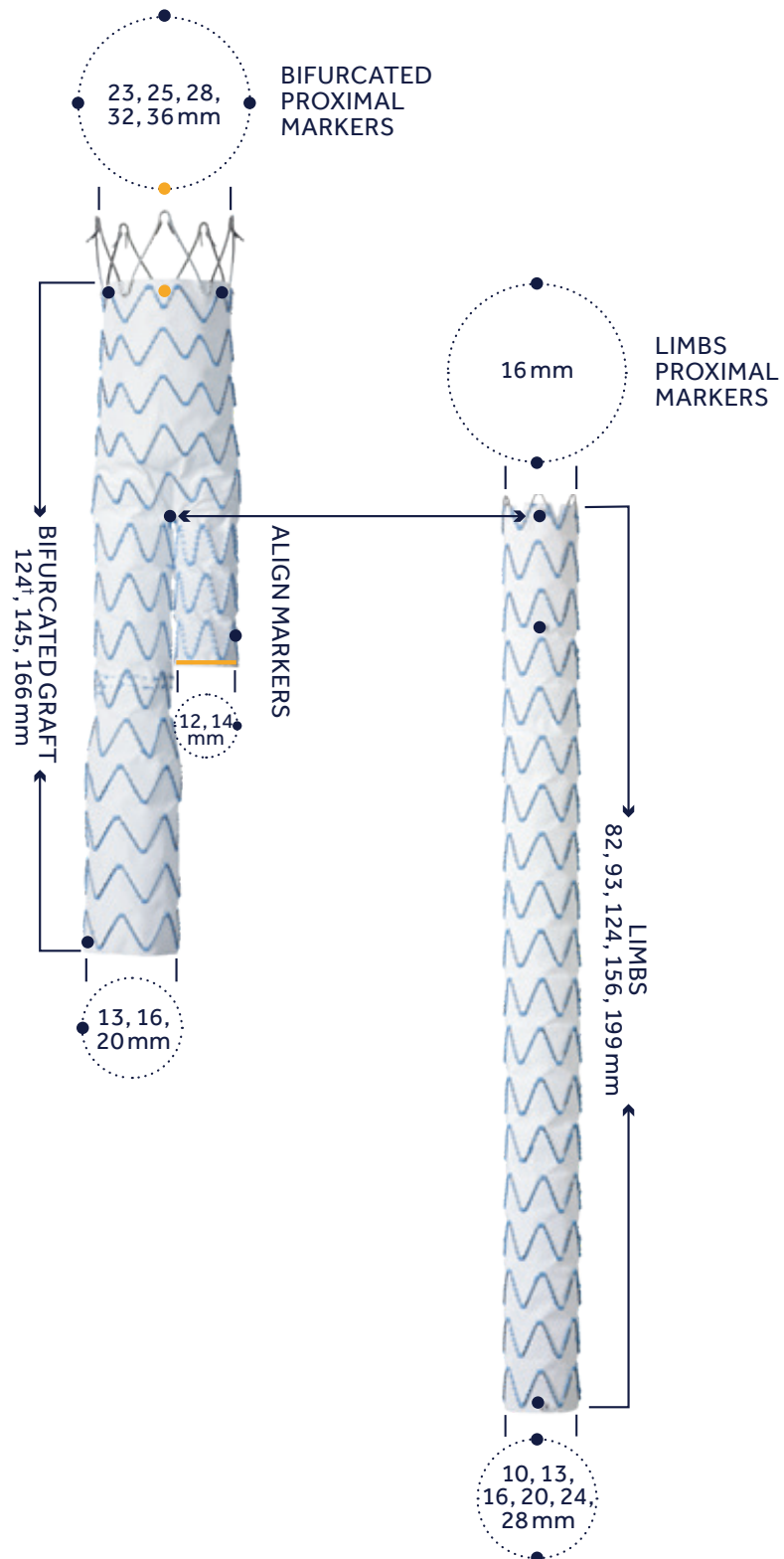
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Endurant™ II/IIs

AAA Stent Graft System

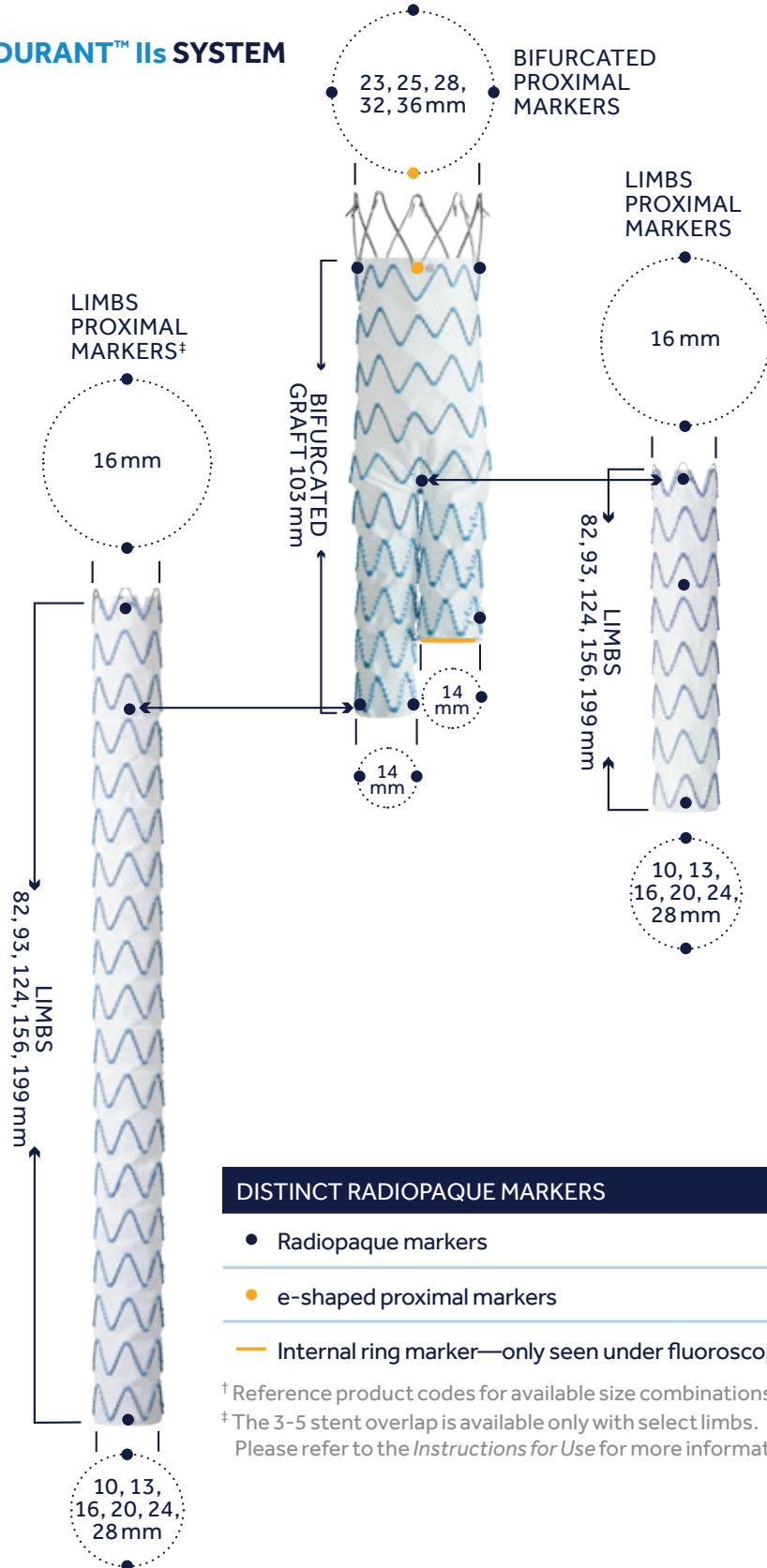
COMPONENT PLACEMENT GUIDE†

ENDURANT™ II SYSTEM





ENDURANT™ IIs SYSTEM



DISTINCT RADIOPAQUE MARKERS

- Radiopaque markers
- e-shaped proximal markers
- Internal ring marker—only seen under fluoroscopy

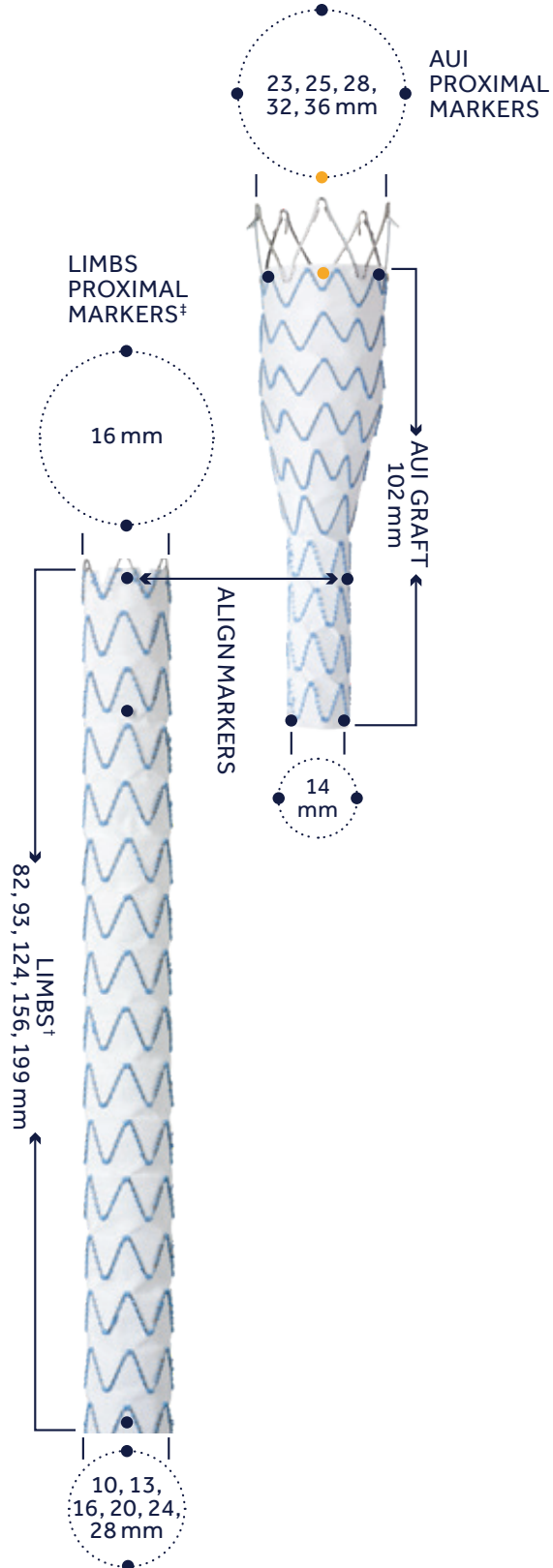
[†] Reference product codes for available size combinations.

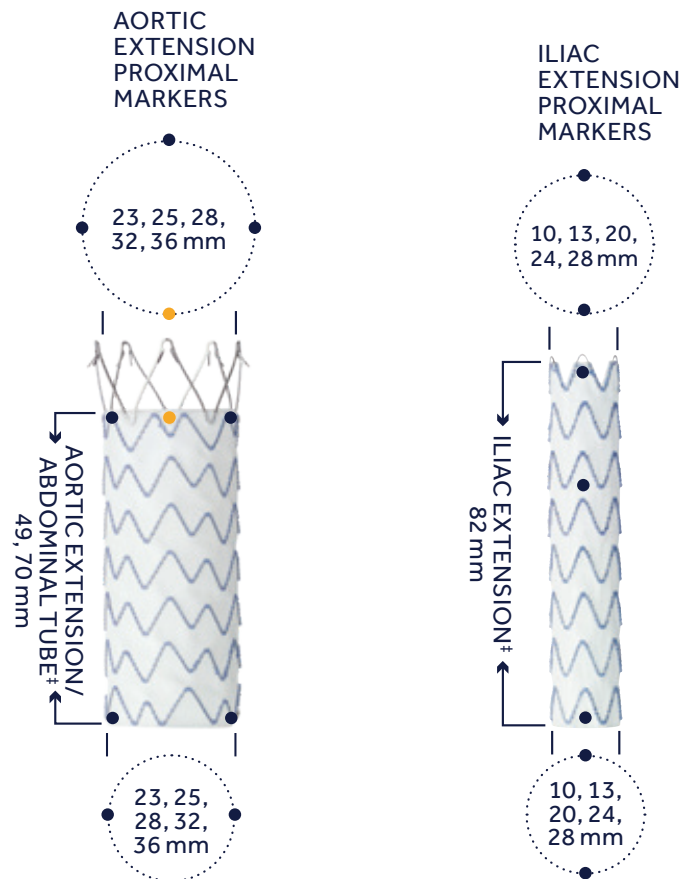
[‡] The 3-5 stent overlap is available only with select limbs. Please refer to the *Instructions for Use* for more information.

Endurant™ II/IIs

AAA Stent Graft System

COMPONENT PLACEMENT GUIDE





DISTINCT RADIOPAQUE MARKERS

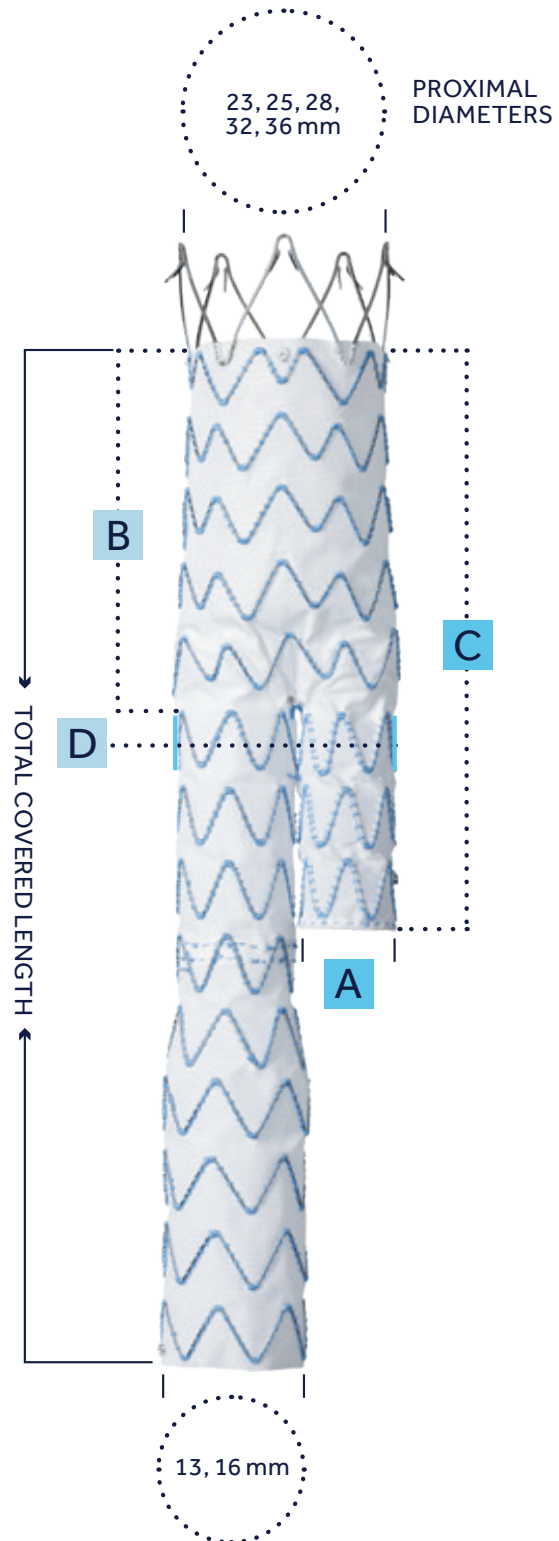
- Radiopaque markers
- e-shaped proximal markers

† The limb mates with the AUI stent graft on the ipsilateral side.

‡ Requires minimum 3 stent overlap. See *Instructions for Use* for more information.

Endurant™ II/IIs

AAA Stent Graft System



ENDURANT™ II SYSTEM BIFURCATIONS—STRAIGHT LIMBS

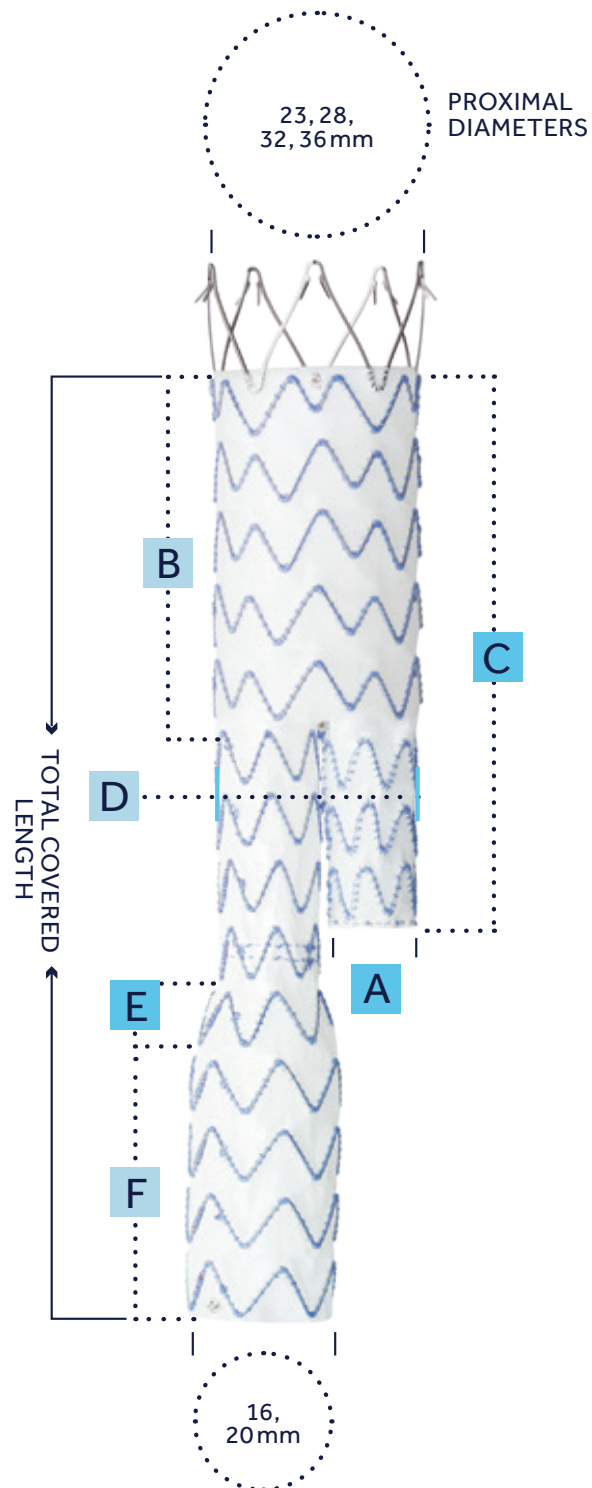


ENDURANT™ II SYSTEM BIFURCATIONS—STRAIGHT LIMBS

	Product Code					Graft Dimensions (mm)			
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	A	B	C	D
ETBF	23	13	C	124	EE	12	40	74	25
ETBF	23	13	C	145	EE	12	50	84	25
ETBF	23	13	C	166	EE	12	50	84	25
ETBF	25	13	C	124	EE	14	40	74	27
ETBF	25	13	C	145	EE	14	50	84	27
ETBF	25	13	C	166	EE	14	50	84	27
ETBF	25	16	C	124	EE	14	40	74	30
ETBF	25	16	C	145	EE	14	50	84	30
ETBF	25	16	C	166	EE	14	50	84	30
ETBF	28	13	C	124	EE	14	40	74	27
ETBF	28	13	C	145	EE	14	50	84	27
ETBF	28	13	C	166	EE	14	50	84	27
ETBF	28	16	C	124	EE	14	40	74	30
ETBF	28	16	C	145	EE	14	50	84	30
ETBF	28	16	C	166	EE	14	50	84	30
ETBF	32	16	C	124	EE	14	40	74	30
ETBF	32	16	C	145	EE	14	50	84	30
ETBF	32	16	C	166	EE	14	50	84	30
ETBF	36	16	C	145	EE	14	50	84	30
ETBF	36	16	C	166	EE	14	50	84	30

Endurant™ II/IIs

AAA Stent Graft System



ENDURANT™ II SYSTEM BIFURCATIONS-FLARED LIMBS

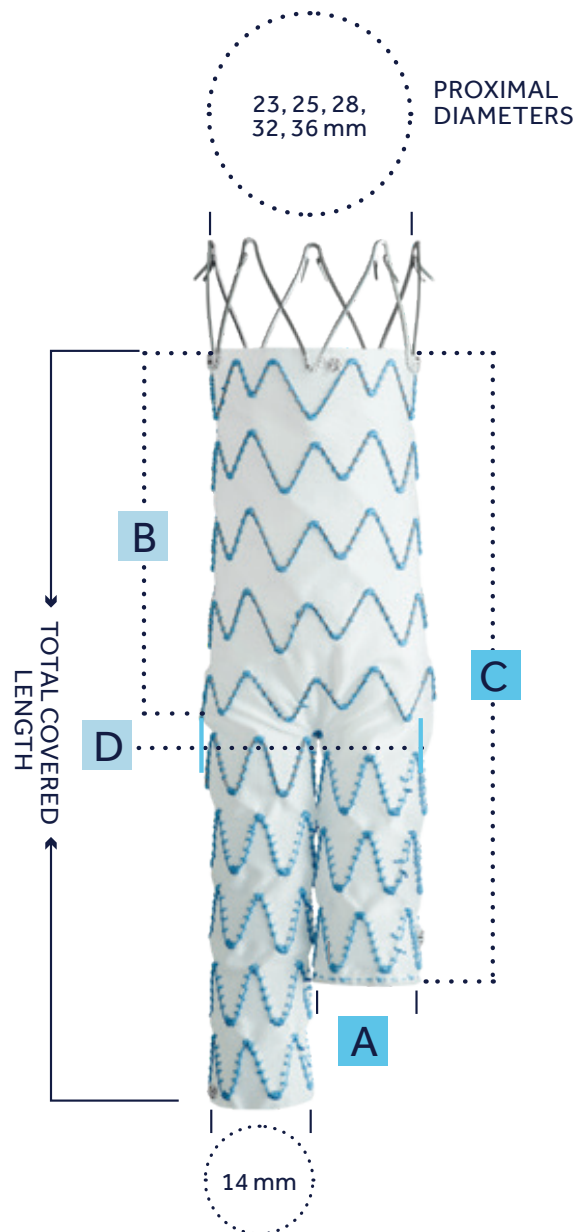


ENDURANT™ II SYSTEM BIFURCATIONS–FLARED LIMBS

Product Code						Graft Dimensions (mm)					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	A	B	C	D	E	F
ETBF	23	16	C	124	EE	12	40	74	25	10	30
ETBF	23	16	C	145	EE	12	50	84	25	10	40
ETBF	23	16	C	166	EE	12	50	84	25	10	60
ETBF	28	20	C	124	EE	14	40	74	30	10	30
ETBF	28	20	C	145	EE	14	50	84	30	10	40
ETBF	28	20	C	166	EE	14	50	84	30	10	60
ETBF	32	20	C	124	EE	14	40	74	30	10	30
ETBF	32	20	C	145	EE	14	50	84	30	10	40
ETBF	32	20	C	166	EE	14	50	84	30	10	60
ETBF	36	20	C	145	EE	14	50	84	30	10	40
ETBF	36	20	C	166	EE	14	50	84	30	10	60

Endurant™ II/IIs

AAA Stent Graft System



ENDURANT™ IIIs SYSTEM BIFURCATIONS



ENDURANT™ II_s SYSTEM BIFURCATIONS

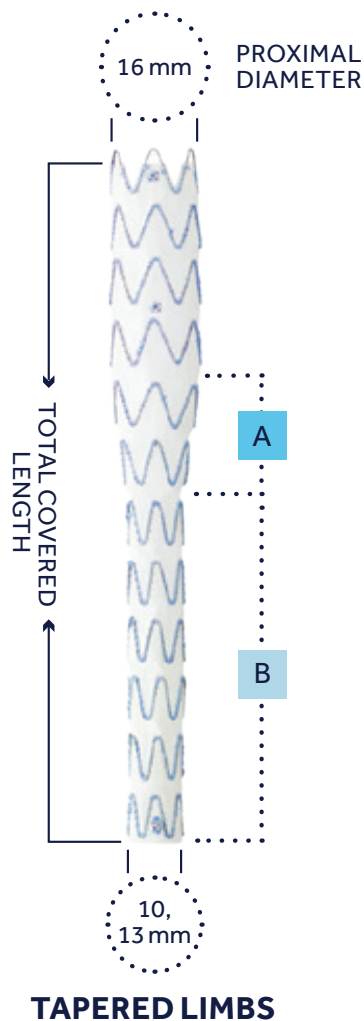
Product Code						Graft Dimensions (mm)			
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	A	B	C	D
ESBF	23	14	C	103	EE	14	50	84	28
ESBF	25	14	C	103	EE	14	50	84	28
ESBF	28	14	C	103	EE	14	50	84	28
ESBF	32	14	C	103	EE	14	50	84	28
ESBF	36	14	C	103	EE	14	50	84	28

Endurant™ II/IIc

AAA Stent Graft System

TAPERED LIMBS

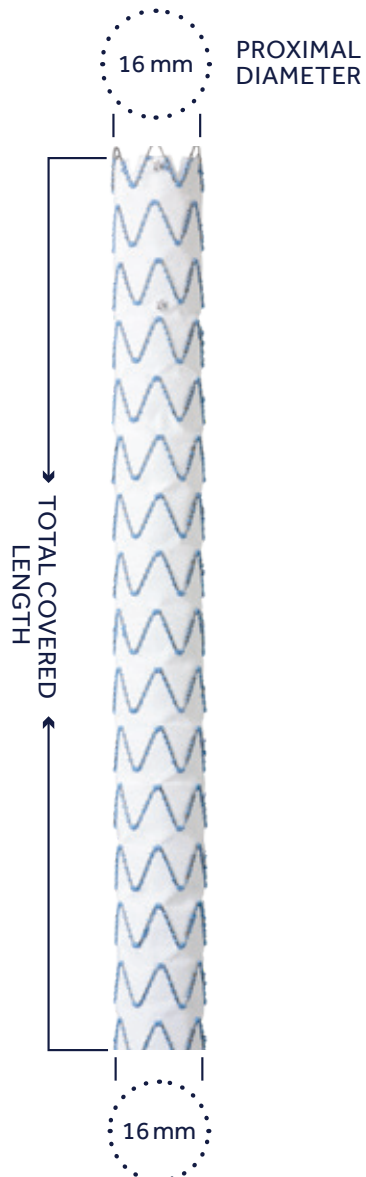
	Product Code					Graft Dimensions (mm)	
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	A	B
	ETLW	16	10	C	82	EE	20
ETLW	16	10	C	93	EE	20	40
ETLW	16	10	C	124	EE	20	40
ETLW	16	10	C	156	EE	20	72
ETLW	16	10	C	199	EE	20	115
ETLW	16	13	C	82	EE	10	30
ETLW	16	13	C	93	EE	10	40
ETLW	16	13	C	124	EE	10	40
ETLW	16	13	C	156	EE	10	72
ETLW	16	13	C	199	EE	10	115





STRAIGHT LIMBS

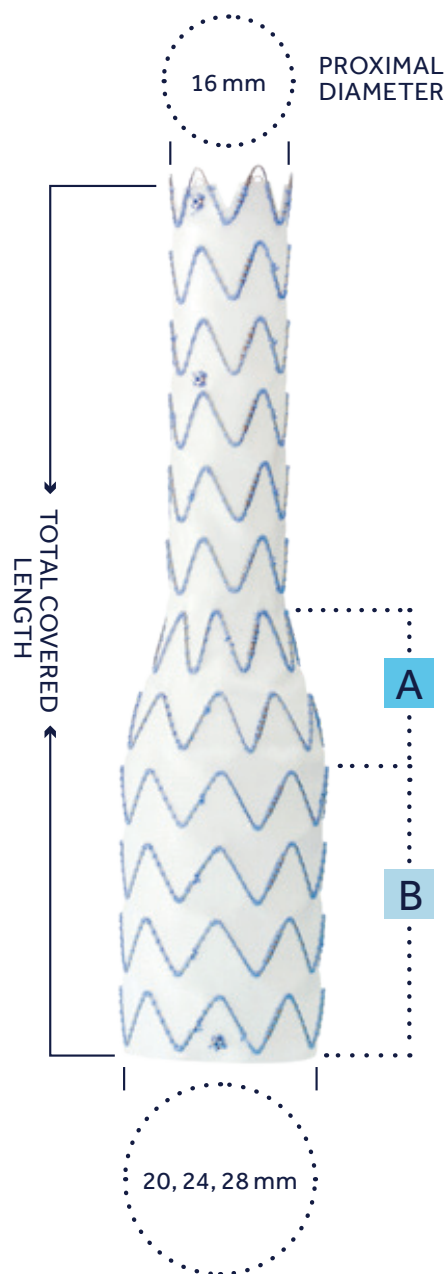
Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System
ETLW	16	16	C	82	EE
ETLW	16	16	C	93	EE
ETLW	16	16	C	124	EE
ETLW	16	16	C	156	EE
ETLW	16	16	C	199	EE



STRAIGHT LIMBS

Endurant™ II/IIs

AAA Stent Graft System



FLARED LIMBS



FLARED LIMBS

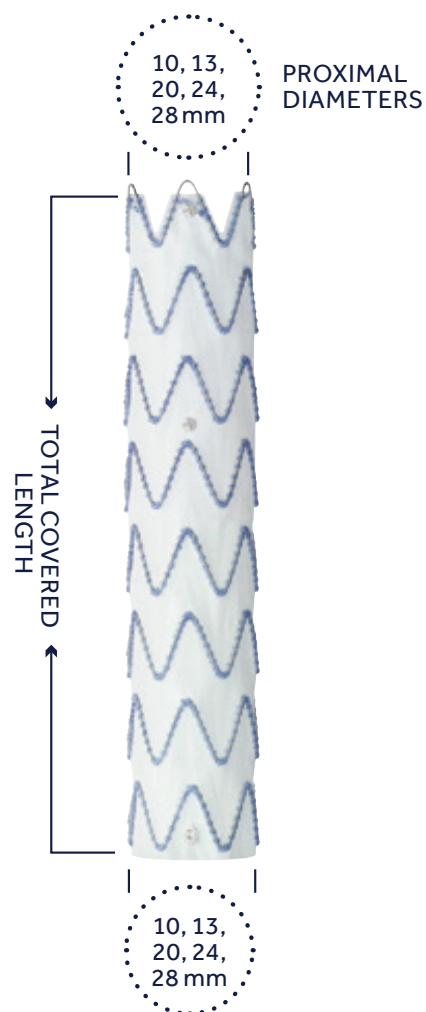
Product Code							
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	Graft Dimensions (mm)	
						A	B
ETLW	16	20	C	82	EE	10	30
ETLW	16	20	C	93	EE	10	40
ETLW	16	20	C	124	EE	10	40
ETLW	16	20	C	156	EE	10	40
ETLW	16	20	C	199	EE	10	40
ETLW	16	24	C	82	EE	20	30
ETLW	16	24	C	93	EE	20	40
ETLW	16	24	C	124	EE	20	40
ETLW	16	24	C	156	EE	20	40
ETLW	16	24	C	199	EE	20	40
ETLW	16	28	C	82	EE	20	30
ETLW	16	28	C	93	EE	20	40
ETLW	16	28	C	124	EE	20	40
ETLW	16	28	C	156	EE	20	40
ETLW	16	28	C	199	EE	20	40

Endurant™ II/IIs

AAA Stent Graft System

ILIAC EXTENSIONS

Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System
ETEW	10	10	C	82	EE
ETEW	13	13	C	82	EE
ETEW	20	20	C	82	EE
ETEW	24	24	C	82	EE
ETEW	28	28	C	82	EE

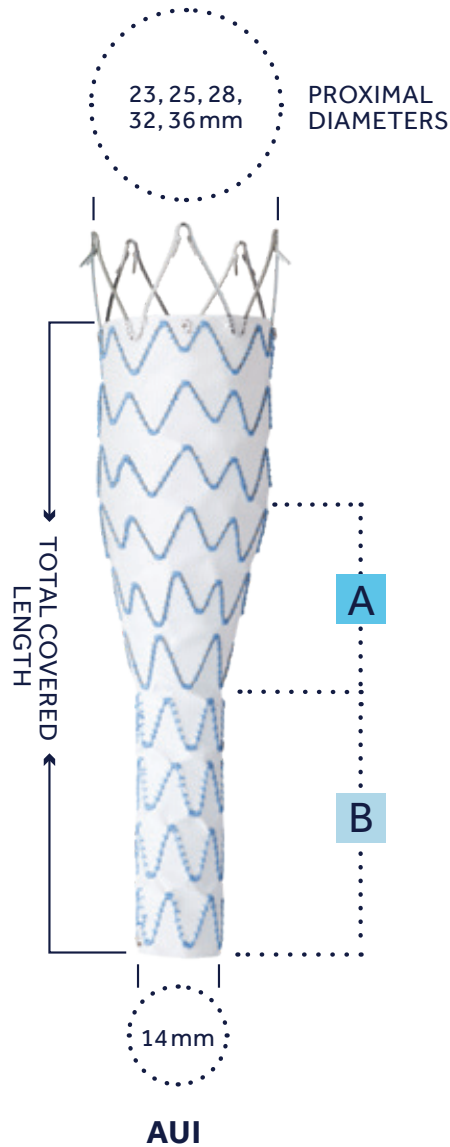


ILIAC EXTENSIONS



AUI

	Product Code					Graft Dimensions (mm)	
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System	A	B
	ETUF	23	14	C	102	EE	30
ETUF	25	14	C	102	EE	30	40
ETUF	28	14	C	102	EE	30	40
ETUF	32	14	C	102	EE	30	40
ETUF	36	14	C	102	EE	30	40

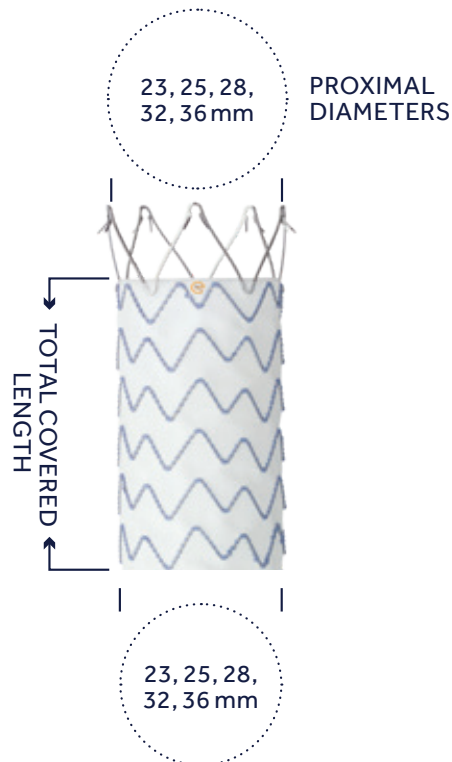


Endurant™ II/IIs

AAA Stent Graft System

AORTIC EXTENSIONS

Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System
ETCF	23	23	C	49	EE
ETCF	25	25	C	49	EE
ETCF	28	28	C	49	EE
ETCF	32	32	C	49	EE
ETCF	36	36	C	49	EE

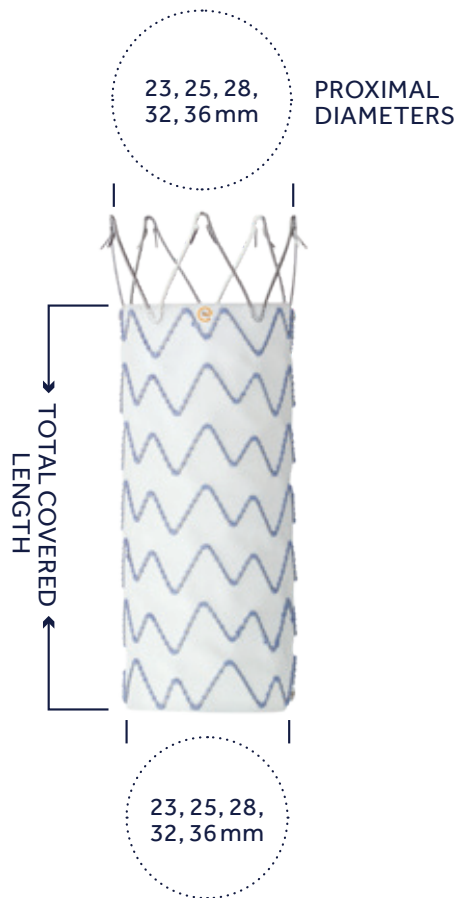


AORTIC EXTENSIONS



ABDOMINAL TUBES

Product Code					
	Proximal Graft Diameter (mm)	Distal Graft Diameter (mm)	Distal Design	Total Covered Length (mm)	Delivery System
ETTF	23	23	C	70	EE
ETTF	25	25	C	70	EE
ETTF	28	28	C	70	EE
ETTF	32	32	C	70	EE
ETTF	36	36	C	70	EE



ABDOMINAL TUBES

Talent™ Occluder

with Occluder Delivery System

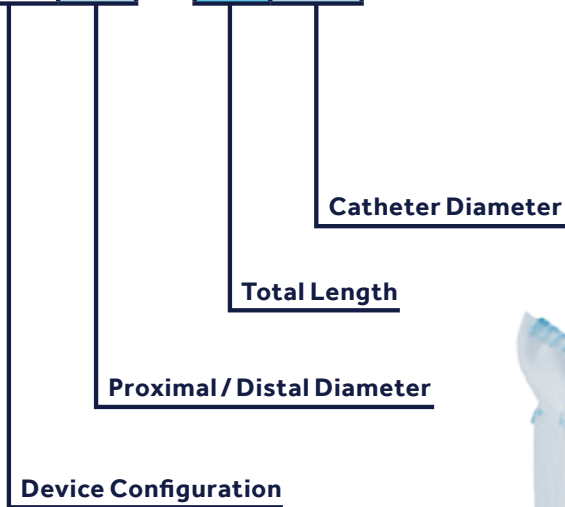
FEATURES

Double spring configuration securely anchors in the iliac artery to seal the lumen and to prevent retrograde blood flow.

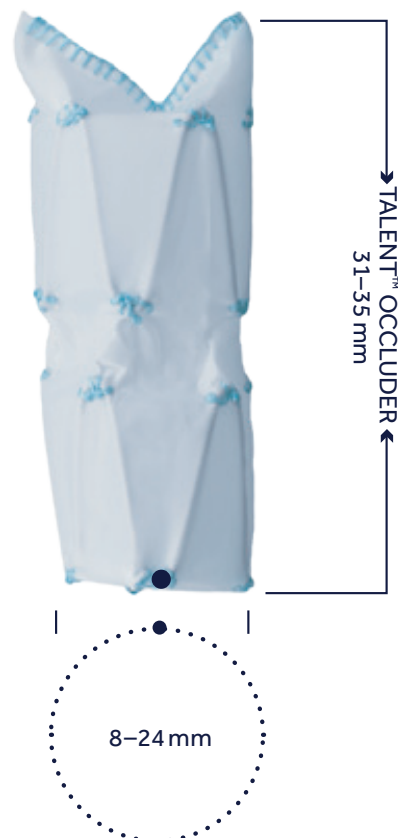
COMPONENT PLACEMENT GUIDE

PRODUCT CODE DESCRIPTION

OCL	8	31	17.5
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OCL- Occluder



- Radiopaque markers



TALENT

TALENT™ OCCLUDER

Product Code			
	Proximal/ Distal Diameter (mm)	Total Length (mm)	Catheter Diameter (Fr)
OCL	8	31	17.5
OCL	10	31	17.5
OCL	12	31	17.5
OCL	14	33	17.5
OCL	16	33	17.5
OCL	18	33	17.5
OCL	20	35	17.5
OCL	22	35	17.5
OCL	24	35	17.5

OCCLUDER SYSTEM COMPONENT

Native Vessel (mm)	Suggested Stent Graft Diameter (mm)	Oversizing (mm)
19–20	24	4–5
18	22	4
16–17	20	3–4
14–15	18	3–4
13	16	3
11–12	14	2–3
9–10	12	2–3
7–8	10	2–3
6	8	2