

Physician's

pocket reference guide

Indications for use

Component ordering information

Introduction system information

Graft specifications

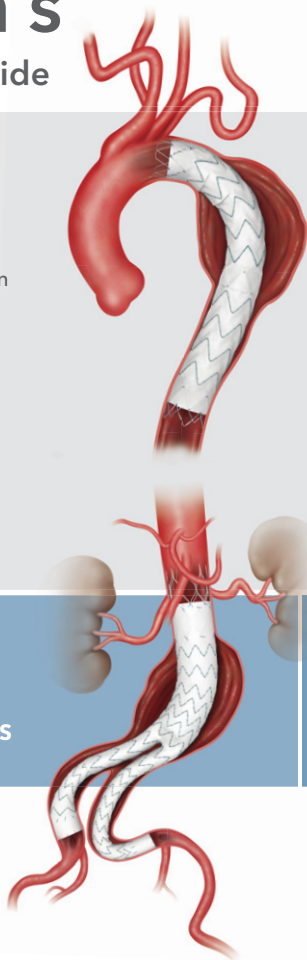
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Zenith[®]

ENDOVASCULAR GRAFTS



www.cookmedical.com



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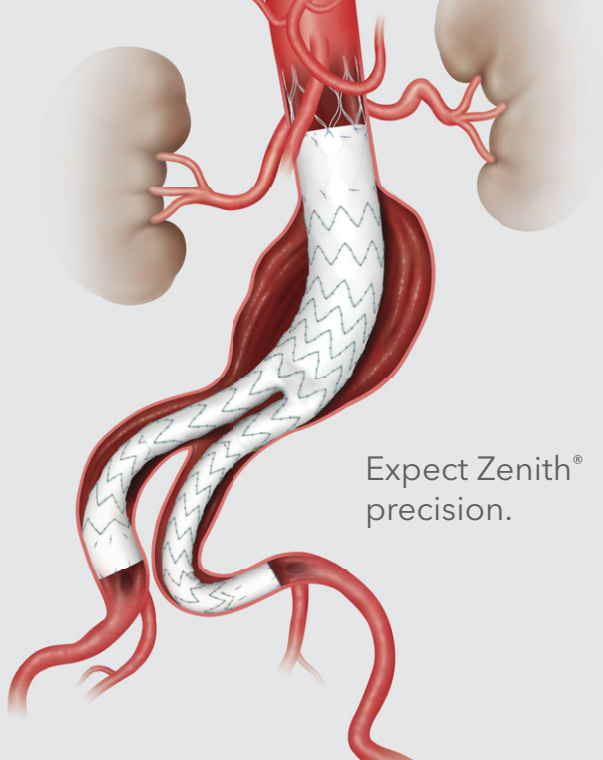
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Please refer to the IFUs for complete instructions. Additional information may be found at www.cookmedical.com/ai.



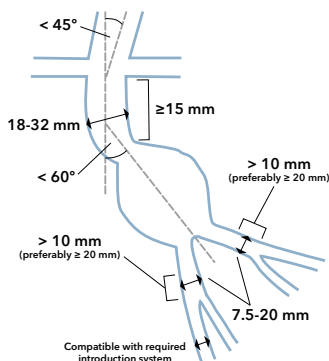
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AAA ENDOVASCULAR GRAFT

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Indications for use



Indications for use	Patients with abdominal aortic or aortoiliac aneurysms having morphology suitable for endovascular repair	
Length	≥ 15 mm nonaneurysmal infrarenal neck	
Aortic fixation site diameter	18-32 mm (measured outer wall to outer wall)	
Angulation/ Curvature	• Angle < 60 degrees relative to the long axis of the aneurysm • Angle < 45 degrees relative to the axis of the suprarenal aorta	
Ipsilateral iliac fixation site	Distal fixation site > 10 mm in length and 7.5-20 mm in diameter (measured outer wall to outer wall)	
Contralateral iliac fixation site	Distal fixation site > 10 mm in length and 7.5-20 mm in diameter (measured outer wall to outer wall)	
Access	Adequate femoral/iliac access compatible with the required introduction systems	
Introducer diameters	22-32 mm grafts: ID 16 Fr (5.3 mm) OD 6.0 mm	36 mm grafts: ID 17 Fr (5.6 mm) OD 6.5 mm
Contraindications	• Patients with known sensitivities or allergies to nitinol, polyester, polypropylene, gold, PTFE, nylon or urethane • Patients with a systemic infection who may be at increased risk of endovascular graft infection	

Bifurcated main body grafts

Order Number	Reference Part Number	Aortic Vessel OD mm	Main Body Diameter mm	Main Body Contra-lateral Length mm	Introducer Sheath ID/OD Fr (mm)/mm
22 mm Diameter					
G51975	ZALB-22-70	18-19	22	70	16 (5.3)/6.0
G51976	ZALB-22-84	18-19	22	84	16 (5.3)/6.0
G51977	ZALB-22-98	18-19	22	98	16 (5.3)/6.0
G51978	ZALB-22-108	18-19	22	108	16 (5.3)/6.0
G51979	ZALB-22-118	18-19	22	118	16 (5.3)/6.0
G51980	ZALB-22-128	18-19	22	128	16 (5.3)/6.0
24 mm Diameter					
G51981	ZALB-24-70	20-21	24	70	16 (5.3)/6.0
G51982	ZALB-24-84	20-21	24	84	16 (5.3)/6.0
G51983	ZALB-24-98	20-21	24	98	16 (5.3)/6.0
G51984	ZALB-24-108	20-21	24	108	16 (5.3)/6.0
G51985	ZALB-24-118	20-21	24	118	16 (5.3)/6.0
G51986	ZALB-24-128	20-21	24	128	16 (5.3)/6.0
26 mm Diameter					
G51987	ZALB-26-70	22	26	70	16 (5.3)/6.0
G51988	ZALB-26-84	22	26	84	16 (5.3)/6.0
G51989	ZALB-26-98	22	26	98	16 (5.3)/6.0
G51990	ZALB-26-108	22	26	108	16 (5.3)/6.0
G51991	ZALB-26-118	22	26	118	16 (5.3)/6.0
G51992	ZALB-26-128	22	26	128	16 (5.3)/6.0
28 mm Diameter					
G49681	ZALB-28-70	23-24	28	70	16 (5.3)/6.0
G49682	ZALB-28-84	23-24	28	84	16 (5.3)/6.0
G49683	ZALB-28-98	23-24	28	98	16 (5.3)/6.0
G49684	ZALB-28-108	23-24	28	108	16 (5.3)/6.0
G49685	ZALB-28-118	23-24	28	118	16 (5.3)/6.0
G49686	ZALB-28-128	23-24	28	128	16 (5.3)/6.0

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Bifurcated main body grafts (continued)

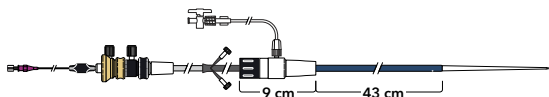
Order Number	Reference Part Number	Aortic Vessel OD mm	Main Body Diameter mm	Main Body Contra-lateral Length mm	Introducer Sheath ID/OD Fr (mm)/mm
30 mm Diameter					
G49675	ZALB-30-70	25-26	30	70	16 (5.3)/6.0
G49676	ZALB-30-84	25-26	30	84	16 (5.3)/6.0
G49695	ZALB-30-98	25-26	30	98	16 (5.3)/6.0
G49677	ZALB-30-108	25-26	30	108	16 (5.3)/6.0
G49678	ZALB-30-118	25-26	30	118	16 (5.3)/6.0
G49679	ZALB-30-128	25-26	30	128	16 (5.3)/6.0
32 mm Diameter					
G49688	ZALB-32-70	27-28	32	70	16 (5.3)/6.0
G48020	ZALB-32-84	27-28	32	84	16 (5.3)/6.0
G49689	ZALB-32-98	27-28	32	98	16 (5.3)/6.0
G49690	ZALB-32-108	27-28	32	108	16 (5.3)/6.0
G49692	ZALB-32-118	27-28	32	118	16 (5.3)/6.0
G49691	ZALB-32-128	27-28	32	128	16 (5.3)/6.0
36 mm Diameter					
G53381	ZALB-36-70	29-32	36	70	17 (5.6)/6.5
G53382	ZALB-36-84	29-32	36	84	17 (5.6)/6.5
G53383	ZALB-36-98	29-32	36	98	17 (5.6)/6.5
G53384	ZALB-36-108	29-32	36	108	17 (5.6)/6.5
G53385	ZALB-36-118	29-32	36	118	17 (5.6)/6.5
G53386	ZALB-36-128	29-32	36	128	17 (5.6)/6.5

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H&L-B One Shot® Introduction System for main body grafts

22-32 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

36 mm grafts: 17 Fr (5.6 mm) ID/6.5 mm OD



Zenith LP AAA

Main body

8

The diagram illustrates the experimental setup for studying the effects of a magnetic field on a fish. It shows a vertical cross-section of a fish-like body with various numbered regions (1-11) and dimensions (108 mm, 84 mm, 11 mm). The regions are labeled as follows: 1 (top head region), 2 (upper body), 3 (lower body), 4 (ventral fin area), 5 (dorsal fin area), 6 (lateral fin area), 7 (ventral fin area), 8 (lateral fin area), 9 (dorsal fin area), 10 (ventral fin area), and 11 (bottom tail region). The dimensions are indicated by brackets: 108 mm for the total height, 84 mm for the height of the main body, and 11 mm for the width of the tail region.

[illegible]

Refer to **pages 50-56** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Ancillary components

Order Number	Reference Part Number	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Main Body Extensions				
G51995	ZLBE-22-45	22	45	16 (5.3)/6.0
G51997	ZLBE-24-45	24	45	16 (5.3)/6.0
G51999	ZLBE-26-45	26	45	16 (5.3)/6.0
G49290	ZLBE-28-45	28	45	16 (5.3)/6.0
G52001	ZLBE-30-45	30	45	16 (5.3)/6.0
G49291	ZLBE-32-45	32	45	16 (5.3)/6.0
G53387	ZLBE-36-45	36	45	17 (5.6)/6.5
G51996	ZLBE-22-58	22	58	16 (5.3)/6.0
G51998	ZLBE-24-58	24	58	16 (5.3)/6.0
G52000	ZLBE-26-58	26	58	16 (5.3)/6.0
G48604	ZLBE-28-58	28	58	16 (5.3)/6.0
G52002	ZLBE-30-58	30	58	16 (5.3)/6.0
G48603	ZLBE-32-58	32	58	16 (5.3)/6.0
G53388	ZLBE-36-58	36	58	17 (5.6)/6.5

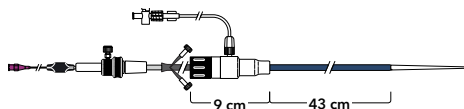
Order Number	Reference Part Number	Proximal Diameter mm	Distal Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Converters					
G52003	ZLC-24-66	24	12	66	16 (5.3)/6.0
G48601	ZLC-28-66	28	12	66	16 (5.3)/6.0
G48602	ZLC-32-66	32	12	66	16 (5.3)/6.0
G53389	ZLC-36-66	36	12	66	17 (5.6)/6.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

H&L-B One-Shot® Introduction System for ancillary components

22-32 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

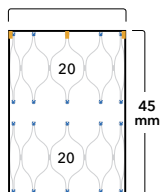
36 mm grafts: 17 Fr (5.6 mm) ID/6.5 mm OD



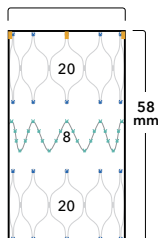
Ancillary components

Main Body Extensions

22, 24, 26, 28, 30, 32, 36 mm

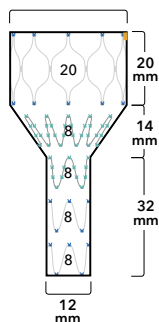


22, 24, 26, 28, 30, 32, 36 mm



Converters

24, 28, 32, 36 mm



Main body extensions

ZLBE-XX-YY

ZLBE-(diameter)-(length)

Converters

ZLC-XX-YY

ZLC-(proximal diameter)-(length)

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths.

Deployment overview

1 MAIN BODY PLACEMENT

Note: Before insertion, position main body delivery system on patient's abdomen under fluoroscopy to determine the orientation of the contralateral limb radiopaque marker.

Insert main body delivery system over the wire, into the femoral artery. Advance delivery system until the four gold radiopaque markers (which are positioned 2 mm from the most proximal segment of the graft material) are just inferior to the most inferior renal orifice.

- 1a Deploy the first two covered stents by withdrawing the sheath while monitoring device location. Check position of the contralateral limb radiopaque marker and location of renal arteries.

Note: A marker formation of $\sqrt{}$ indicates an anterior position of the short contralateral limb.

Proceed with deployment until contralateral limb is fully deployed. Stop withdrawing sheath.

2 MAIN BODY PROXIMAL (TOP) DEPLOYMENT

Remove the safety lock from the gold trigger-wire release mechanism. Withdraw trigger wires (deploying the suprarenal stent) by sliding the gold trigger-wire release mechanism off the handle and then remove via its slot over the device inner cannula.

Note: Once the barbed suprarenal stent has been deployed, further attempts to reposition the graft are not recommended.

3 CONTRALATERAL ILIAC WIRE GUIDE PLACEMENT

Manipulate catheter and wire guide through open end of contralateral limb into body of the graft. Advance the contralateral wire guide inside the body of the graft and into the thoracic aorta. AP and oblique fluoroscopic views can aid in verification of device cannulation.

4 CONTRALATERAL ILIAC LEG PLACEMENT AND DEPLOYMENT

Introduce the contralateral iliac leg delivery system into the artery. Advance it slowly until at least one stent (22 mm) of the iliac leg graft overlaps within the main body and not past the radiopaque markers band, which is positioned 30 mm from the proximal end of the iliac leg graft inside the contralateral limb of the main body.

Confirm position of the distal end of the iliac leg graft. Reposition the iliac leg graft if necessary to ensure internal iliac patency, a minimum overlap of one stent (22 mm), and a maximum overlap of 30 mm within the main body endovascular graft. To deploy, hold the iliac leg graft in position with the black sliding gripper on the gray positioner while withdrawing the sheath. Ensure that the overlap is maintained. Check the graft position and reposition the graft if necessary. Continue to deploy the graft by withdrawing the sheath while continuously checking the graft position. Stop withdrawing the sheath as soon as the distal end of the iliac graft is released. Under fluoroscopy and after verification of the iliac leg graft position, loosen the pin vise and retract the inner cannula to dock the tapered dilator to the gray positioner. Tighten the pin vise. Maintain the sheath position while withdrawing the gray positioner with the secured inner cannula.

5 MAIN BODY DISTAL (BOTTOM) DEPLOYMENT

Fully deploy the ipsilateral limb of the main body by withdrawing the sheath until the most distal stent has expanded. Stop withdrawing sheath. Remove the safety lock from the black trigger-wire release mechanism. Withdraw and remove the trigger-wire release mechanism.

6 INNER SUBASSEMBLY REMOVAL

Loosen the pin vise; retract inner cannula to dock tapered dilator to positioner. Tighten the pin vise. Withdraw the entire inner subassembly through the sheath by

Deployment overview (continued)

pulling on the inner cannula. Leave the sheath and wire guide in place.

Note: Maintain position of sheath and wire guide.

Close the Captor® Hemostatic Valve on the Flexor® Introducer Sheath.

7 IPSILATERAL ILIAC LEG PLACEMENT AND DEPLOYMENT

Prior to removing the main body sheath, inject contrast media through the sheath to locate the ipsilateral internal iliac artery. Remove the main body sheath. Introduce the ipsilateral iliac leg delivery system, and continue advancing it slowly until the proximal edge of the ipsilateral leg graft aligns with the proximal edge of the previously placed contralateral leg graft. Confirm the position of the distal end of the iliac leg graft. Reposition the iliac leg graft, if necessary, to ensure internal iliac patency. To deploy, stabilize the iliac leg graft with the black sliding gripper on the gray positioner while withdrawing the iliac leg sheath. Under fluoroscopy and after you verify the iliac leg graft position, loosen the pin vise and retract the inner cannula to dock the tapered dilator to the gray positioner. Tighten the pin vise. Maintain the sheath position while using the secured inner cannula to withdraw the gray positioner. Close the Captor Hemostatic Valve on the iliac introducer sheath by turning it in a clockwise direction until it stops.

8 MOLDING BALLOON INSERTION

Advance the molding balloon over the wire guide and through the hemostatic valve of the iliac leg introduction system to the level of the renal arteries. Maintain proper sheath positioning. Tighten the Captor Hemostatic Valve around the molding balloon by turning it clockwise with gentle pressure.

Caution: Do not inflate the balloon in the vessel outside of the graft.

Expand the molding balloon with diluted contrast media (as directed by the manufacturer) in the area of the most proximal covered stent and the infrarenal neck, starting proximally and working in the distal direction.

Caution: Before you reposition the balloon, confirm that it is completely deflated.

Caution: The Captor Hemostatic Valve must be open before you reposition the molding balloon.

Withdraw the molding balloon to the ipsilateral limb overlap region and expand the balloon.

Caution: The Captor Hemostatic Valve must be open before you reposition the molding balloon.

Withdraw the molding balloon to the ipsilateral distal fixation site and expand the balloon.

Caution: Do not inflate the balloon in the vessel outside of the graft.

Deflate and remove the molding balloon. Transfer the molding balloon onto the contralateral wire guide and into the contralateral iliac leg introduction system. Advance the molding balloon to the contralateral limb overlap region and expand the balloon.

Caution: Before you reposition the balloon, confirm that it is completely deflated.

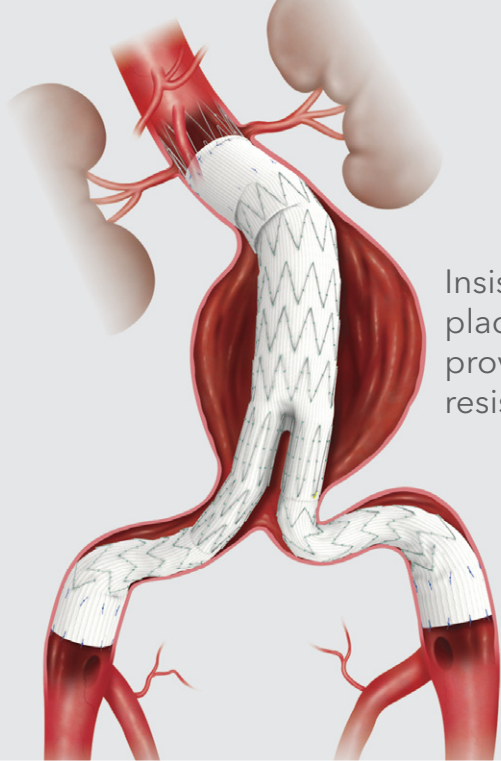
Withdraw the molding balloon to the contralateral iliac leg distal fixation site and expand the balloon.

Caution: Do not inflate the balloon in the vessel outside of the graft.

Remove the molding balloon and replace it with an angiographic catheter to perform completion angiography.

Remove and replace the all stiff wire guides to allow the iliac arteries to resume their natural position.

**This Deployment Overview is an outline highlighting the deployment process for the Zenith LP AAA Endovascular Graft. The Instructions for Use booklet should be consulted for a more thorough examination of the deployment protocol, indications, contraindications, warnings and precautions.*



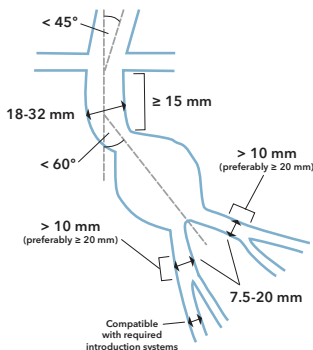
Insist on precise placement and proven migration resistance.

Zenith Flex[®]

AAA ENDOVASCULAR GRAFT

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Indications for use



Indications for use	Patients with abdominal aortic or aortoiliac aneurysms having morphology suitable for endovascular repair		
Length	≥ 15 mm nonaneurysmal infrarenal neck		
Aortic fixation site diameter	18-32 mm (measured outer wall to outer wall)		
Angulation/ Curvature	• Angle < 60 degrees relative to the long axis of the aneurysm • Angle < 45 degrees relative to the axis of the suprarenal aorta		
Ipsilateral iliac fixation site	Distal fixation site > 10 mm in length and 7.5-20 mm in diameter (measured outer wall to outer wall)		
Contralateral iliac fixation site	Distal fixation site > 10 mm in length and 7.5-20 mm in diameter (measured outer wall to outer wall)		
Access	Adequate femoral/iliac access compatible with the required introduction systems		
Introducer diameters	22-26 mm grafts: ID 18 Fr (6.0 mm) OD 7.1 mm	28-32 mm grafts: ID 20 Fr (6.7 mm) OD 7.7 mm	36 mm grafts: ID 22 Fr (7.3 mm) OD 8.5 mm
Contraindications	• Patients with known sensitivities or allergies to stainless steel, nitinol, polyester, solder (tin, silver), polypropylene, or gold • Patients with a systemic infection who may be at increased risk of endovascular graft infection		

Bifurcated main body grafts

Order Number	Reference Part Number	Aortic Vessel OD mm	Main Body Diameter mm	Main Body Contralateral Length mm	Introducer Sheath ID/OD Fr (mm)/mm
22 mm Diameter					
G48402	TFFB-22-82-ZT	18-19	22	82	18 (6.0)/7.1
G48403	TFFB-22-96-ZT	18-19	22	96	18 (6.0)/7.1
G48404	TFFB-22-111-ZT	18-19	22	111	18 (6.0)/7.1
G48405	TFFB-22-125-ZT	18-19	22	125	18 (6.0)/7.1
G48406	TFFB-22-140-ZT	18-19	22	140	18 (6.0)/7.1
24 mm Diameter					
G48407	TFFB-24-82-ZT	20-21	24	82	18 (6.0)/7.1
G48408	TFFB-24-96-ZT	20-21	24	96	18 (6.0)/7.1
G48409	TFFB-24-111-ZT	20-21	24	111	18 (6.0)/7.1
G48410	TFFB-24-125-ZT	20-21	24	125	18 (6.0)/7.1
G48411	TFFB-24-140-ZT	20-21	24	140	18 (6.0)/7.1
26 mm Diameter					
G48412	TFFB-26-82-ZT	22	26	82	18 (6.0)/7.1
G48413	TFFB-26-96-ZT	22	26	96	18 (6.0)/7.1
G48414	TFFB-26-111-ZT	22	26	111	18 (6.0)/7.1
G48415	TFFB-26-125-ZT	22	26	125	18 (6.0)/7.1
G48416	TFFB-26-140-ZT	22	26	140	18 (6.0)/7.1
28 mm Diameter					
G48417	TFFB-28-82-ZT	23-24	28	82	20 (6.7)/7.7
G48418	TFFB-28-96-ZT	23-24	28	96	20 (6.7)/7.7
G48419	TFFB-28-111-ZT	23-24	28	111	20 (6.7)/7.7
G48420	TFFB-28-125-ZT	23-24	28	125	20 (6.7)/7.7
G48421	TFFB-28-140-ZT	23-24	28	140	20 (6.7)/7.7
30 mm Diameter					
G48422	TFFB-30-82-ZT	25-26	30	82	20 (6.7)/7.7
G48423	TFFB-30-96-ZT	25-26	30	96	20 (6.7)/7.7
G48424	TFFB-30-111-ZT	25-26	30	111	20 (6.7)/7.7
G48425	TFFB-30-125-ZT	25-26	30	125	20 (6.7)/7.7
G48426	TFFB-30-140-ZT	25-26	30	140	20 (6.7)/7.7

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Bifurcated main body grafts (continued)

Order Number	Reference Part Number	Aortic Vessel OD mm	Main Body Diameter mm	Main Body Contralateral Length mm	Introducer Sheath ID/OD Fr (mm)/mm
32 mm Diameter					
G48427	TFFB-32-82-ZT	27-28	32	82	20 (6.7)/7.7
G48428	TFFB-32-96-ZT	27-28	32	96	20 (6.7)/7.7
G48429	TFFB-32-111-ZT	27-28	32	111	20 (6.7)/7.7
G48430	TFFB-32-125-ZT	27-28	32	125	20 (6.7)/7.7
G48431	TFFB-32-140-ZT	27-28	32	140	20 (6.7)/7.7
36 mm Diameter					
G48432	TFFB-36-95-ZT	29-32	36	95	22 (7.3)/8.5
G48433	TFFB-36-113-ZT	29-32	36	113	22 (7.3)/8.5
G48434	TFFB-36-131-ZT	29-32	36	131	22 (7.3)/8.5
G48435	TFFB-36-149-ZT	29-32	36	149	22 (7.3)/8.5

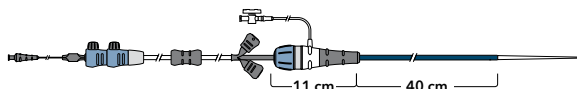
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Z-Trak® Introduction System for main body grafts

22-26 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

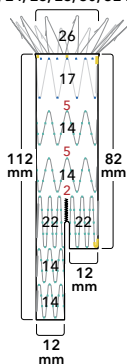
28-32 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

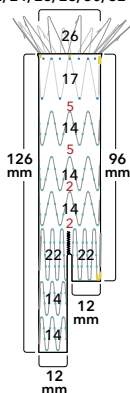


Bifurcated main body grafts

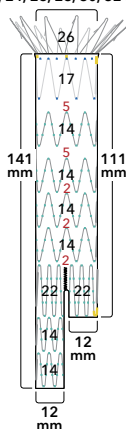
22, 24, 26, 28, 30, 32 mm



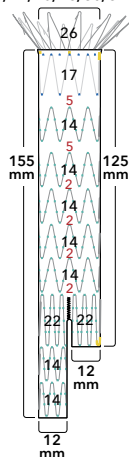
22, 24, 26, 28, 30, 32 mm



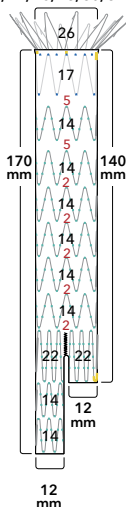
22, 24, 26, 28, 30, 32 mm



22, 24, 26, 28, 30, 32 mm



22, 24, 26, 28, 30, 32 mm



Note: Ipsilateral and contralateral limb diameters on all 22 mm diameter main body grafts are 11 mm.

TFFB-XX-YY-ZT

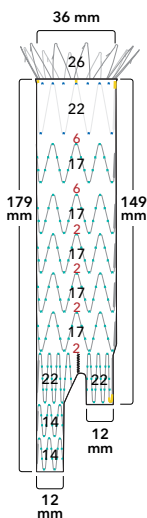
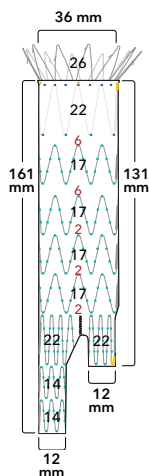
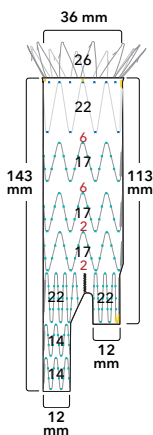
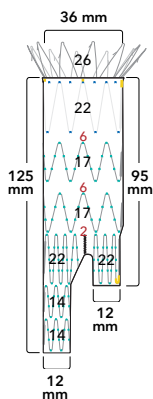
TFFB-(main body diameter)-(main body contralateral length)-ZT

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Contralateral and ipsilateral iliac legs:

Refer to pages 50-56 of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Bifurcated main body grafts (continued)



Ancillary components

Order Number	Reference Part Number	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Main Body Extensions				
G55204	ESBE-22-39-ZT	22	39	18 (6.0)/7.1
G55205	ESBE-24-39-ZT	24	39	18 (6.0)/7.1
G55206	ESBE-26-39-ZT	26	39	18 (6.0)/7.1
G55207	ESBE-28-39-ZT	28	39	20 (6.7)/7.7
G55208	ESBE-30-39-ZT	30	39	20 (6.7)/7.7
G55209	ESBE-32-39-ZT	32	39	20 (6.7)/7.7
G55210	ESBE-36-50-ZT	36	50	20 (6.7)/7.7
G55211	ESBE-22-58-ZT	22	58	18 (6.0)/7.1
G55212	ESBE-24-58-ZT	24	58	18 (6.0)/7.1
G55213	ESBE-26-58-ZT	26	58	18 (6.0)/7.1
G55214	ESBE-28-58-ZT	28	58	20 (6.7)/7.7
G55215	ESBE-30-58-ZT	30	58	20 (6.7)/7.7
G55216	ESBE-32-58-ZT	32	58	20 (6.7)/7.7
G55217	ESBE-36-73-ZT	36	73	20 (6.7)/7.7

Order Number	Reference Part Number	Proximal Diameter mm	Distal Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Converters					
G55191	ESC-24-12-80-ZT	24	12	80	18 (6.0)/7.1
G55192	ESC-28-12-80-ZT	28	12	80	20 (6.7)/7.7
G55193	ESC-32-12-80-ZT	32	12	80	20 (6.7)/7.7
G55194	ESC-36-12-82-ZT	36	12	82	20 (6.7)/7.7

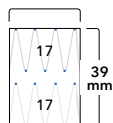
Order Number	Reference Part Number	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Iliac Plugs				
G55343	ZIP-14-ZT	14	30	14 (4.7)/5.4
G55344	ZIP-16-ZT	16	30	14 (4.7)/5.4
G55346	ZIP-20-ZT	20	30	16 (5.3)/6.0
G55348	ZIP-24-ZT	24	30	16 (5.3)/6.0

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

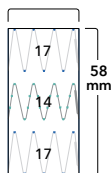
Ancillary components

Main body extensions

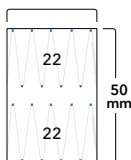
22, 24, 26, 28, 30, 32 mm



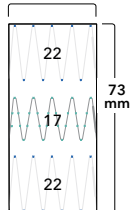
22, 24, 26, 28, 30, 32 mm



36 mm



36 mm



Main Body Extensions

ESBE-XX-YY-ZT

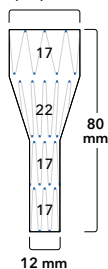
ESBE-(diameter)-(length)-ZT

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths.

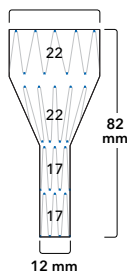
Ancillary components (continued)

Converters

24, 28, 32 mm

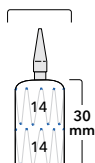


36 mm



Iliac Plugs

14, 16, 20, 24 mm



Converters

ESC-XX-YY-ZZ-ZT

ESC-(proximal diameter)-(distal diameter)-(length)-ZT

Iliac Plugs

ZIP-XX-ZT

ZIP-(diameter)-ZT

Deployment overview*

1 MAIN BODY PLACEMENT

Note: Before insertion, position main body introduction system on patient's abdomen under fluoroscopy to determine the orientation of the contralateral limb radiopaque marker.

Insert main body introduction system over the wire into the femoral artery. Advance introduction system until the four gold radiopaque markers (which are positioned 2 mm from the most proximal segment of the graft material) are just inferior to the most inferior renal orifice.

- 1a Deploy the first two covered stents by withdrawing the sheath while monitoring device location. Check position of the contralateral limb radiopaque marker and location of renal arteries.

Note: A marker formation of $\sqrt{}$ indicates an anterior position of the short contralateral limb.

Proceed with deployment until contralateral limb is fully deployed. **Stop withdrawing sheath.**

2 CONTRALATERAL ILIAC WIRE GUIDE PLACEMENT

Manipulate catheter and wire guide through open end of contralateral limb into body of the endovascular graft. AP and oblique fluoroscopic views aid in verification of device cannulation. Advance angiographic catheter over the wire into the body of the endovascular graft. Perform angiography to confirm position, then advance wire guide until it curves inside the body of the endovascular graft.

3 MAIN BODY PROXIMAL (TOP) DEPLOYMENT

Remove the safety lock from the top stent trigger-wire release mechanism. Withdraw and remove the trigger-wire release mechanism. Loosen the pin vise and deploy the suprarenal stent by advancing the top cap inner cannula 1 to 2 mm at a time until the top stent is fully deployed. Advance the top cap inner cannula an additional 1 to 2 cm and retighten the pin vise. Advance the contralateral wire guide into the thoracic aorta.

Note: Once the barbed suprarenal stent has been deployed, further attempts to reposition the graft are not recommended.

4 CONTRALATERAL ILIAC LEG PLACEMENT AND DEPLOYMENT

Introduce the contralateral iliac leg introduction system into the artery. Advance slowly until the iliac leg graft overlaps at least one full iliac leg stent (22 mm) inside the contralateral limb of the main body. Reposition the iliac leg graft if necessary to ensure both internal iliac patency and a minimum of one full iliac leg stent (22 mm) overlap (maximum 30 mm) within the main body endovascular graft. To deploy, hold the iliac leg graft in position with the gray positioner while withdrawing the sheath. Stop withdrawing the sheath as soon as the distal end of the iliac leg graft is released. Verify iliac leg graft position, loosen pin vise, and retract inner cannula to dock tapered dilator to gray positioner. Tighten pin vise and withdraw gray positioner with secured inner cannula.

5 MAIN BODY DISTAL (BOTTOM) DEPLOYMENT

Fully deploy the ipsilateral limb of the main body by withdrawing the sheath until the most distal stent has expanded. **Stop withdrawing sheath.** Remove the safety lock from the ipsilateral limb trigger-wire release mechanism. Withdraw and remove the trigger-wire release mechanism.

Deployment overview* (continued)

6 DOCKING OF TOP CAP

Loosen pin vise and advance the gray positioner over the inner cannula until it docks with the top cap. Retighten pin vise and withdraw the entire top cap and gray positioner through the endovascular graft and through the sheath by pulling on the inner cannula.

Note: Maintain position of sheath and wire guide.

Close the Captor® Hemostatic Valve on the Flexor® Introducer Sheath.

7 IPSILATERAL ILIAC LEG PLACEMENT AND DEPLOYMENT

Use the main body graft wire and sheath assembly to introduce the ipsilateral iliac leg graft. Advance dilator and sheath assembly into the main body sheath. Advance slowly until the ipsilateral iliac leg graft overlaps a minimum of one full iliac leg stent (22 mm) inside the ipsilateral limb of the main body. Reposition the iliac leg graft if necessary to ensure internal iliac patency. To deploy, stabilize the iliac leg graft with the gray positioner while withdrawing the iliac leg sheath. Verify iliac leg graft position, loosen pin vise, and retract inner cannula to dock tapered dilator to gray positioner. Tighten pin vise and withdraw gray positioner with secured inner cannula. Close the Captor Hemostatic Valve on the Flexor Introducer Sheath.

8 MOLDING BALLOON INSERTION

Advance the molding balloon over the wire guide and through the hemostatic valve of the main body introduction system to the level of the renal arteries. Expand the molding balloon with diluted contrast media in the area of the most proximal covered stent and the infrarenal neck, starting proximally and working in the distal direction.

Caution: Confirm complete balloon deflation prior to repositioning.

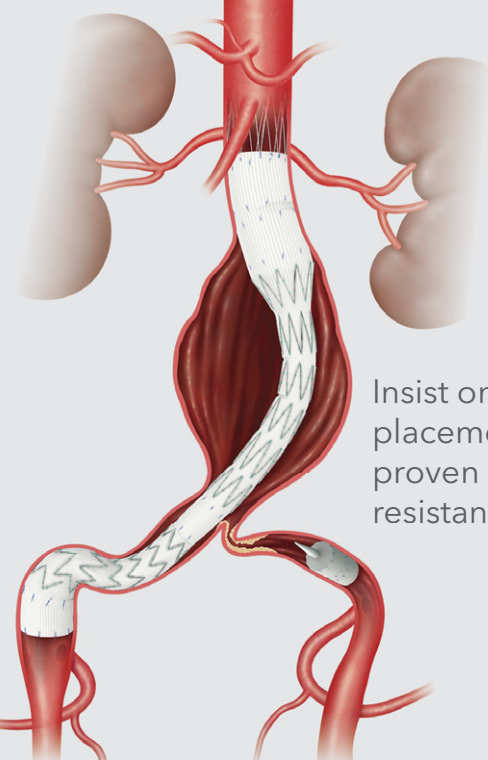
Caution: Captor Hemostatic Valve must be open prior to repositioning of molding balloon.

Withdraw the molding balloon to both the ipsilateral limb overlap and the ipsilateral distal fixation site and expand. Deflate and remove molding balloon. Transfer the molding balloon onto the contralateral wire guide and into the contralateral iliac leg introduction system. Advance molding balloon to the contralateral limb overlap and expand. Withdraw the molding balloon to the contralateral iliac leg/vessel distal fixation and expand.

Caution: Do not inflate balloon in iliac vessel outside of graft.

Deflate and remove molding balloon and replace it with an angiographic catheter to perform completion angiography.

**This deployment overview is an outline highlighting the deployment process for the Zenith Flex AAA Endovascular Graft. The Instructions for Use booklet should be consulted for a more thorough examination of the deployment protocol, indications, contraindications, warnings, and precautions.*



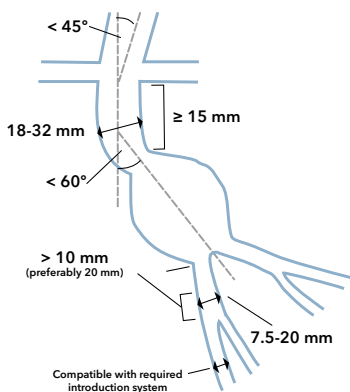
Insist on precise placement and proven migration resistance.

Zenith Flex[®] AUI

AAA ENDOVASCULAR GRAFT

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Indications for use



Indications for use	Patients with abdominal aortic, aortoiliac, or iliac aneurysms having morphology suitable for endovascular repair.		
Length	≥ 15 mm nonaneurysmal infrarenal neck		
Aortic fixation site diameter	18-32 mm (measured outer wall to outer wall)		
Angulation/ Curvature	• Angle < 60 degrees relative to the long axis of the aneurysm; and • Angle < 45 degrees relative to the axis of the suprarenal aorta.		
Ipsilateral iliac fixation site	Distal fixation site 7.5-20 mm in diameter (outer wall to outer wall) and > 10 mm in length (20 mm preferred)		
Contralateral iliac fixation site	Iliac Plug (ZIP) available for occlusion when femoral-to-femoral crossover is required		
Access	Adequate femoral/iliac access compatible with the required introduction systems		
Introducer diameters	22, 24, 26 mm grafts: ID 18 Fr (6.0 mm) OD 7.1 mm	28-32 mm grafts: ID 20 Fr (6.7 mm) OD 7.7 mm	36 mm grafts: ID 22 Fr (7.3 mm) OD 8.5 mm
Contraindications	The Zenith Flex AUI AAA Endovascular Graft with the Z-Trak Introduction System is contraindicated in: • Patients with known sensitivities or allergies to stainless steel, polyester, solder (tin, silver), polypropylene, nitinol, or gold • Patients with systemic infection who may be at increased risk of endovascular graft infection		

Aortouniiliac (AUI) main body grafts

Order Number	Reference Part Number	Aortic Vessel OD mm	Main Body Proximal Diameter mm	Main Body Distal Diameter mm	Main Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
22 mm Diameter						
G23775	ZAUI-22-113-CA	18-19	22	12	113	18 (6.0)/7.1
24 mm Diameter						
G23778	ZAUI-24-113-CA	20-21	24	12	113	18 (6.0)/7.1
26 mm Diameter						
G23781	ZAUI-26-113-CA	22	26	12	113	18 (6.0)/7.1
28 mm Diameter						
G23784	ZAUI-28-113-CA	23-24	28	12	113	20 (6.7)/7.7
30 mm Diameter						
G23787	ZAUI-30-113-CA	25-26	30	12	113	20 (6.7)/7.7
32 mm Diameter						
G23790	ZAUI-32-113-CA	27-28	32	12	113	20 (6.7)/7.7
36 mm Diameter						
G23793	ZAUI-36-127-CA	29-32	36	12	127	22 (7.3)/8.5

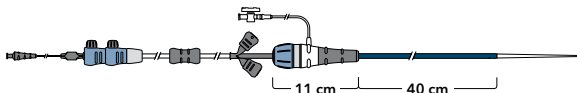
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak® Introduction System for main body grafts

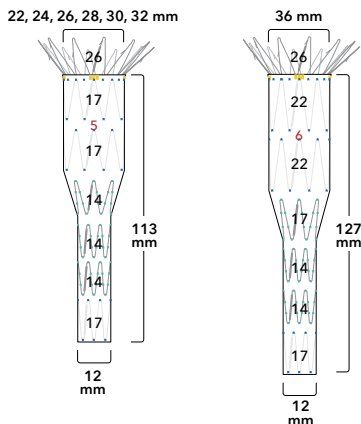
22-26 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

28-32 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD



Aortouniiliac (AUI) main body grafts



ZAUI-XX-YYY-CA

ZAUI-(proximal diameter)-(main body length)-CA

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Contralateral and ipsilateral iliac legs:

Refer to **pages 50-56** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.



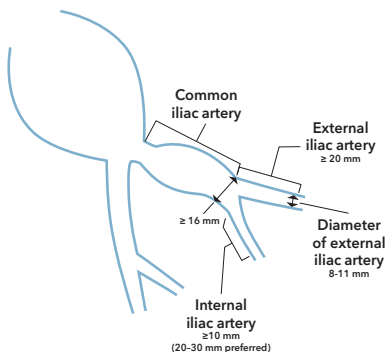
Preserve flow to
the internal iliacs.

Zenith[®] Branch

ILIAC ENDOVASCULAR GRAFT

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Indications for use



Indications for use	Patients with an aortoiliac or iliac aneurysm, an insufficient distal sealing site within the common iliac artery, and having morphology suitable for endovascular repair.
Aneurysmal iliac	Nonaneurysmal external iliac artery fixation segment distal to the aneurysm with: • Length ≥ 20 mm • Diameter measured outer wall to outer wall of 8-11 mm Nonaneurysmal internal iliac artery segment distal to the aneurysm with: • Length ≥ 10 mm (20-30 mm preferred) • Diameter acceptable for proper sealing
Access	Adequate femoral/iliac access compatible with the required introduction systems
Introducer diameters	ID 20 Fr (6.7 mm) OD 7.7 mm
Contraindications	There are no known contraindications for these devices

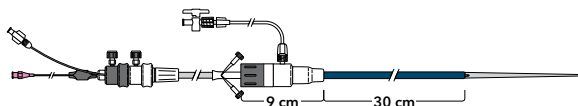
Iliac bifurcation grafts

Order Number	Reference Part Number	Distal Body Diameter mm	Common Iliac Segment Length mm	External Iliac Segment Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Iliac Bifurcation Grafts					
G38612	ZBIS-10-45-41	10	45	41	20 (6.7)/7.7
G38613	ZBIS-10-45-58	10	45	58	20 (6.7)/7.7
G38616	ZBIS-12-45-41	12	45	41	20 (6.7)/7.7
G38617	ZBIS-12-45-58	12	45	58	20 (6.7)/7.7
G38614	ZBIS-10-61-41	10	61	41	20 (6.7)/7.7
G38615	ZBIS-10-61-58	10	61	58	20 (6.7)/7.7
G38618	ZBIS-12-61-41	12	61	41	20 (6.7)/7.7
G38344	ZBIS-12-61-58	12	61	58	20 (6.7)/7.7

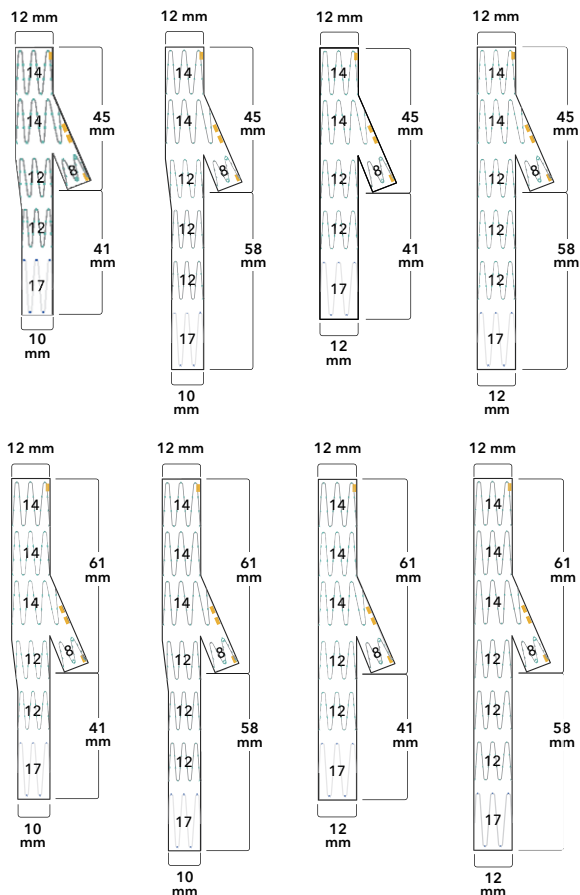
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction system for iliac bifurcation grafts

20 Fr (6.7 mm) ID/7.7 mm OD



Iliac bifurcation grafts



ZBIS-XX-YY-ZZ

ZBIS-(distal diameter)-(common iliac segment length)-(external iliac segment length)

Refer to www.cookmedical.com/zenithbranch for more information.

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths.

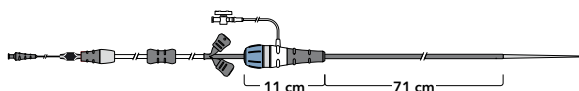
Zenith® Spiral-Z™ Iliac Legs

Order Number	Reference Part Number	Iliac Leg Distal Diameter mm	Iliac Leg Working Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Iliac Legs				
G55236	ZSLE-16-39-ZT	16	39	14 (4.7)/5.4
G55237	ZSLE-16-56-ZT	16	56	14 (4.7)/5.4
G55238	ZSLE-16-74-ZT	16	74	14 (4.7)/5.4
G55239	ZSLE-16-90-ZT	16	90	14 (4.7)/5.4

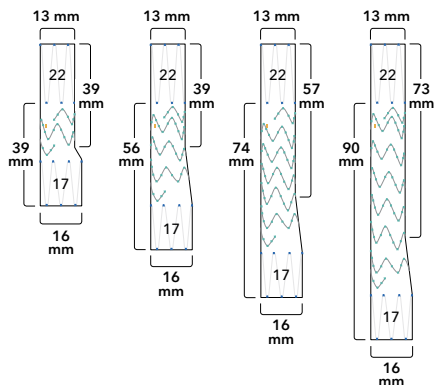
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak® Introduction System for iliac legs

14 Fr (4.7 mm) ID/5.4 mm OD



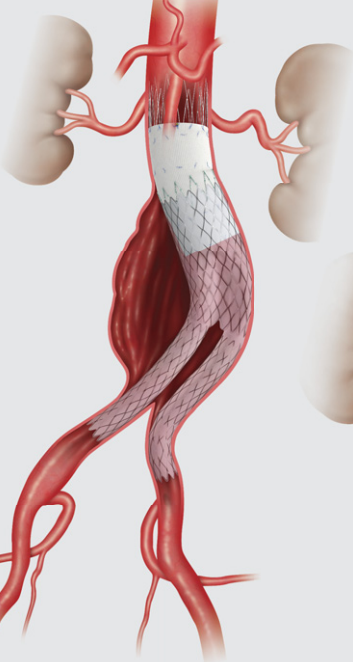
Zenith Spiral-Z Iliac Legs



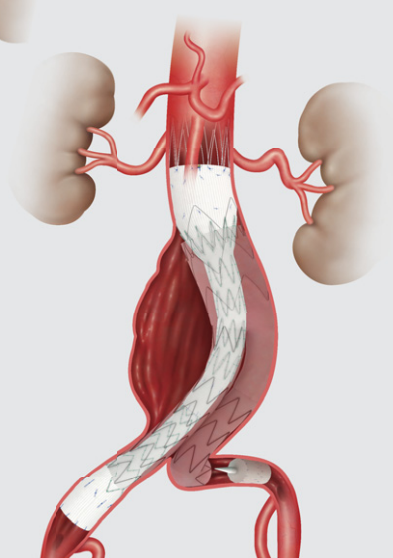
ZSLE-XX-YY-ZT

ZSLE-(distal diameter)-(working length)-ZT

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths.



Restore graft-to-vessel
fixation and seal.

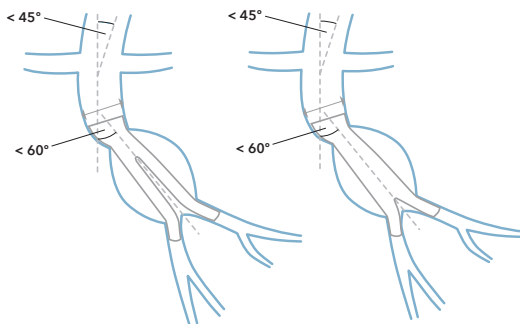


Zenith Renu[®]

AAA ANCILLARY GRAFT

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Indications for use



Indications for use	Secondary endovascular intervention in patients having received prior endovascular repair of infrarenal abdominal aortic or aortoiliac aneurysms in which there is inadequate proximal fixation or seal.		
Length	Lowest renal artery to bifurcation of previously placed graft of > 43 mm for the main body extension and > 37 mm for the converter.		
Aortic fixation site diameter	18-32 mm (measured outer wall to outer wall)		
Angulation/ Curvature	• Angle < 60 degrees relative to the long axis of the aneurysm • Angle < 45 degrees relative to the axis of the suprarenal aorta		
Converter distal fixation site	For the converter used without an iliac leg, distal fixation site within a graft segment of ≤ 12 mm in diameter and ≥ 17 mm (one Cook-Z® stent) in length, with more overlap length being preferred. For the converter used in combination with the iliac leg, distal fixation site 7.5-20 mm in diameter (measured outer wall to outer wall) and > 10 mm in length with 20 to 30 mm being preferred.		
Main body distal fixation site	Main body extension distal fixation site within a graft segment of ≤ 34 mm diameter and at least one Cook-Z stent in length, with more overlap length being preferred.		
Access	Adequate femoral/iliac access compatible with the required introduction systems		
Introducer diameters	22-26 mm grafts: ID 18 Fr (6.0 mm) OD 7.1 mm	28-32 mm grafts: ID 20 Fr (6.7 mm) OD 7.7 mm	36 mm grafts: ID 22 Fr (7.3 mm) OD 8.5 mm
Contraindications	• Patients with known sensitivities or allergies to stainless steel, polyester, solder (tin, silver), polypropylene, or gold • Patients with a systemic infection who may be at increased risk of endovascular graft infection		

Converters

Order Number	Reference Part Number	Aortic Vessel OD* mm	Proximal/ Distal Diameter mm	Proximal/ Distal Length mm	Total Length mm	Introducer Sheath ID/OD Fr (mm)/mm
22 mm Diameter						
G55355	AX1-1-22-108-ZT	18-19	22/12	37/71	108	18 (6.0)/7.1
G55356	AX1-1-22-125-ZT	18-19	22/12	37/88	125	18 (6.0)/7.1
G55357	AX1-2-22-113-ZT	18-19	22/12	59/54	113	18 (6.0)/7.1
24 mm Diameter						
G55361	AX1-1-24-108-ZT	20-21	24/12	37/71	108	18 (6.0)/7.1
G55362	AX1-1-24-125-ZT	20-21	24/12	37/88	125	18 (6.0)/7.1
G55363	AX1-2-24-113-ZT	20-21	24/12	59/54	113	18 (6.0)/7.1
26 mm Diameter						
G55367	AX1-1-26-108-ZT	22	26/12	37/71	108	18 (6.0)/7.1
G55368	AX1-1-26-125-ZT	22	26/12	37/88	125	18 (6.0)/7.1
G55369	AX1-2-26-113-ZT	22	26/12	59/54	113	18 (6.0)/7.1
28 mm Diameter						
G55374	AX1-1-28-108-ZT	23-24	28/12	37/71	108	20 (6.7)/7.7
G55375	AX1-1-28-125-ZT	23-24	28/12	37/88	125	20 (6.7)/7.7
G55376	AX1-2-28-113-ZT	23-24	28/12	59/54	113	20 (6.7)/7.7
30 mm Diameter						
G55380	AX1-1-30-108-ZT	25-26	30/12	37/71	108	20 (6.7)/7.7
G55381	AX1-1-30-125-ZT	25-26	30/12	37/88	125	20 (6.7)/7.7
G55382	AX1-2-30-113-ZT	25-26	30/12	59/54	113	20 (6.7)/7.7
32 mm Diameter						
G55386	AX1-1-32-108-ZT	27-28	32/12	37/71	108	20 (6.7)/7.7
G55387	AX1-1-32-125-ZT	27-28	32/12	37/88	125	20 (6.7)/7.7
G55388	AX1-2-32-113-ZT	27-28	32/12	59/54	113	20 (6.7)/7.7
36 mm Diameter						
G55392	AX1-1-36-116-ZT	29-32	36/12	52/64	116	22 (7.3)/8.5
G55394	AX1-2-36-127-ZT	29-32	36/12	80/47	127	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

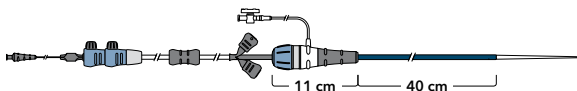
*Maximum diameter along the proximal fixation site. Round measured aortic diameter to nearest mm. Additional considerations may affect choice of diameter.

Z-Trak® Introduction System for Renu converters

22-26 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

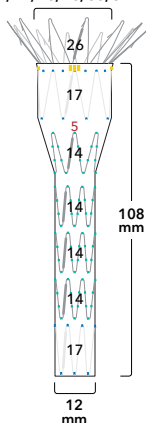
28-32 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

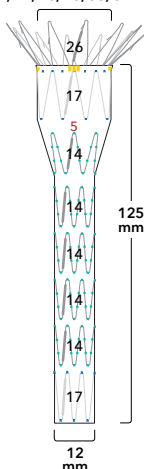


Converters

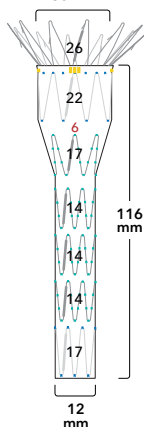
22, 24, 26, 28, 30, 32 mm



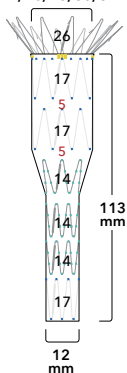
22, 24, 26, 28, 30, 32 mm



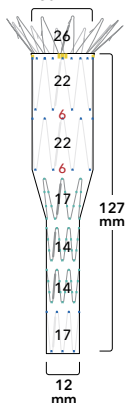
36 mm



22, 24, 26, 28, 30, 32 mm



36 mm



AX1-1(2)-XX-YYY-ZT

AX1-1(2)-(proximal diameter)-(total length)-ZT

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Contralateral and ipsilateral iliac legs:

Refer to **pages 50-56** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Main body extensions

Order Number	Reference Part Number	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
22 mm Diameter					
G55397	RX1-22-43-ZT	18-19	22	43	18 (6.0)/7.1
G55398	RX1-22-62-ZT	18-19	22	62	18 (6.0)/7.1
24 mm Diameter					
G55400	RX1-24-43-ZT	20-21	24	43	18 (6.0)/7.1
G55401	RX1-24-62-ZT	20-21	24	62	18 (6.0)/7.1
26 mm Diameter					
G55403	RX1-26-43-ZT	22	26	43	18 (6.0)/7.1
G55404	RX1-26-62-ZT	22	26	62	18 (6.0)/7.1
28 mm Diameter					
G55406	RX1-28-43-ZT	23-24	28	43	20 (6.7)/7.7
G55407	RX1-28-62-ZT	23-24	28	62	20 (6.7)/7.7
30 mm Diameter					
G55409	RX1-30-43-ZT	25-26	30	43	20 (6.7)/7.7
G55410	RX1-30-62-ZT	25-26	30	62	20 (6.7)/7.7
32 mm Diameter					
G55412	RX1-32-43-ZT	27-28	32	43	20 (6.7)/7.7
G55413	RX1-32-62-ZT	27-28	32	62	20 (6.7)/7.7
36 mm Diameter					
G55415	RX1-36-54-ZT	29-32	36	54	22 (7.3)/8.5

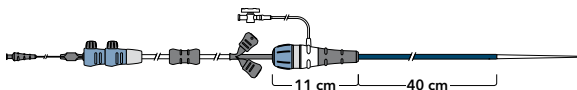
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Introduction System for Renu main body extensions

22-26 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

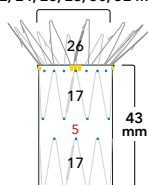
28-32 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

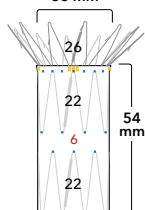


Main body extensions

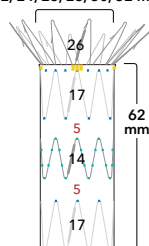
22, 24, 26, 28, 30, 32 mm



36 mm



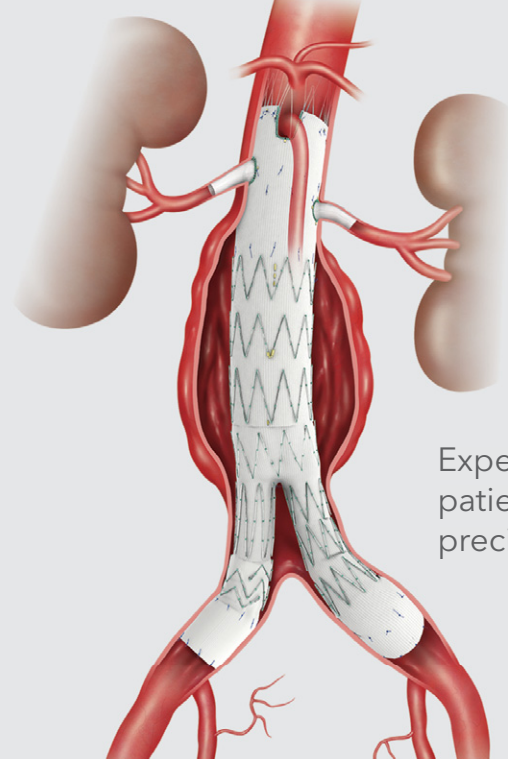
22, 24, 26, 28, 30, 32 mm



RX1-XX-YY-ZT

RX1-(diameter)-(length)-ZT

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.



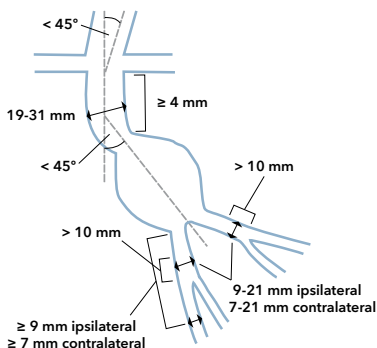
Experience
patient-specific
precision.

Zenith® Fenestrated

AAA ENDOVASCULAR GRAFT

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Indications for use



Indications for use	Infrarenal abdominal aortic aneurysms (AAAs) in high-risk patients who are not suitable for conventional open surgical repair or who are not suitable for repair with a standard Zenith Endovascular Graft, when the aneurysmal disease extends up to the level of the renal arteries.		
Length	≥ 4 mm nonaneurysmal neck		
Aortic fixation site diameter	19-31 mm (measured outer wall to outer wall)		
Angulation/ Curvature	• Angle < 45 degrees relative to the long axis of the aneurysm • Angle < 45 degrees relative to the axis of the suprarenal aorta		
Ipsilateral iliac fixation site	Distal fixation site > 10 mm in length and 9-21 mm in diameter (measured outer wall to outer wall)		
Contralateral iliac fixation site	Distal fixation site > 10 mm in length and 7-21 mm in diameter (measured outer wall to outer wall)		
Access	Adequate femoral/iliac access compatible with the required introduction systems		
Introducer diameters	24-34 mm grafts: ID 20 Fr (6.7 mm) OD 7.7 mm	36 mm grafts: ID 22 Fr (7.3 mm) OD 8.5 mm	
Contraindications	There are no known contraindications for these devices.		

Proximal body grafts

Order Number	Reference Part Number	Aortic Vessel OD mm	Proximal Body Diameter mm	Proximal Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
One Proximal Internal Stent					
24 mm Diameter					
G38124	ZFEN-P-1-24-76	19-21	24	76	20 (6.7)/7.7
G38125	ZFEN-P-1-24-91	19-21	24	91	20 (6.7)/7.7
G38122	ZFEN-P-1-24-106	19-21	24	106	20 (6.7)/7.7
G38123	ZFEN-P-1-24-121	19-21	24	121	20 (6.7)/7.7
26 mm Diameter					
G38128	ZFEN-P-1-26-76	21-22	26	76	20 (6.7)/7.7
G38129	ZFEN-P-1-26-91	21-22	26	91	20 (6.7)/7.7
G38126	ZFEN-P-1-26-106	21-22	26	106	20 (6.7)/7.7
G38127	ZFEN-P-1-26-121	21-22	26	121	20 (6.7)/7.7
28 mm Diameter					
G38132	ZFEN-P-1-28-76	23-24	28	76	20 (6.7)/7.7
G38133	ZFEN-P-1-28-91	23-24	28	91	20 (6.7)/7.7
G38130	ZFEN-P-1-28-106	23-24	28	106	20 (6.7)/7.7
G38131	ZFEN-P-1-28-121	23-24	28	121	20 (6.7)/7.7
30 mm Diameter					
G38136	ZFEN-P-1-30-76	24-26	30	76	20 (6.7)/7.7
G38137	ZFEN-P-1-30-91	24-26	30	91	20 (6.7)/7.7
G38134	ZFEN-P-1-30-106	24-26	30	106	20 (6.7)/7.7
G38135	ZFEN-P-1-30-121	24-26	30	121	20 (6.7)/7.7
32 mm Diameter					
G38140	ZFEN-P-1-32-76	26-28	32	76	20 (6.7)/7.7
G38141	ZFEN-P-1-32-91	26-28	32	91	20 (6.7)/7.7
G38138	ZFEN-P-1-32-106	26-28	32	106	20 (6.7)/7.7
G38139	ZFEN-P-1-32-121	26-28	32	121	20 (6.7)/7.7
34 mm Diameter					
G38144	ZFEN-P-1-34-84	28-29	34	84	20 (6.7)/7.7
G38145	ZFEN-P-1-34-99	28-29	34	99	20 (6.7)/7.7
G38142	ZFEN-P-1-34-114	28-29	34	114	20 (6.7)/7.7
G38143	ZFEN-P-1-34-129	28-29	34	129	20 (6.7)/7.7
36 mm Diameter					
G38148	ZFEN-P-1-36-84	29-31	36	84	22 (7.3)/8.5
G38149	ZFEN-P-1-36-99	29-31	36	99	22 (7.3)/8.5
G38146	ZFEN-P-1-36-114	29-31	36	114	22 (7.3)/8.5
G38147	ZFEN-P-1-36-129	29-31	36	129	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Proximal body grafts (continued)

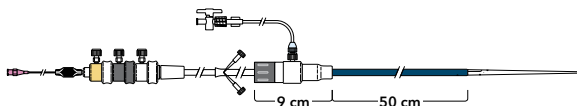
Order Number	Reference Part Number	Aortic Vessel OD mm	Proximal Body Diameter mm	Proximal Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Two Proximal Internal Stents					
24 mm Diameter					
G38152	ZFEN-P-2-24-94	19-21	24	94	20 (6.7)/7.7
G38150	ZFEN-P-2-24-109	19-21	24	109	20 (6.7)/7.7
G38151	ZFEN-P-2-24-124	19-21	24	124	20 (6.7)/7.7
26 mm Diameter					
G38155	ZFEN-P-2-26-94	21-22	26	94	20 (6.7)/7.7
G38153	ZFEN-P-2-26-109	21-22	26	109	20 (6.7)/7.7
G38154	ZFEN-P-2-26-124	21-22	26	124	20 (6.7)/7.7
28 mm Diameter					
G38158	ZFEN-P-2-28-94	23-24	28	94	20 (6.7)/7.7
G38156	ZFEN-P-2-28-109	23-24	28	109	20 (6.7)/7.7
G38157	ZFEN-P-2-28-124	23-24	28	124	20 (6.7)/7.7
30 mm Diameter					
G38161	ZFEN-P-2-30-94	24-26	30	94	20 (6.7)/7.7
G38159	ZFEN-P-2-30-109	24-26	30	109	20 (6.7)/7.7
G38160	ZFEN-P-2-30-124	24-26	30	124	20 (6.7)/7.7
32 mm Diameter					
G38164	ZFEN-P-2-32-94	26-28	32	94	20 (6.7)/7.7
G38162	ZFEN-P-2-32-109	26-28	32	109	20 (6.7)/7.7
G38163	ZFEN-P-2-32-124	26-28	32	124	20 (6.7)/7.7
34 mm Diameter					
G38165	ZFEN-P-2-34-107	28-29	34	107	20 (6.7)/7.7
G38166	ZFEN-P-2-34-122	28-29	34	122	20 (6.7)/7.7
G38167	ZFEN-P-2-34-137	28-29	34	137	20 (6.7)/7.7
36 mm Diameter					
G38168	ZFEN-P-2-36-107	29-31	36	107	22 (7.3)/8.5
G38169	ZFEN-P-2-36-122	29-31	36	122	22 (7.3)/8.5
G38170	ZFEN-P-2-36-137	29-31	36	137	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

H&L-B One-Shot® Introduction System for proximal body grafts

24-34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

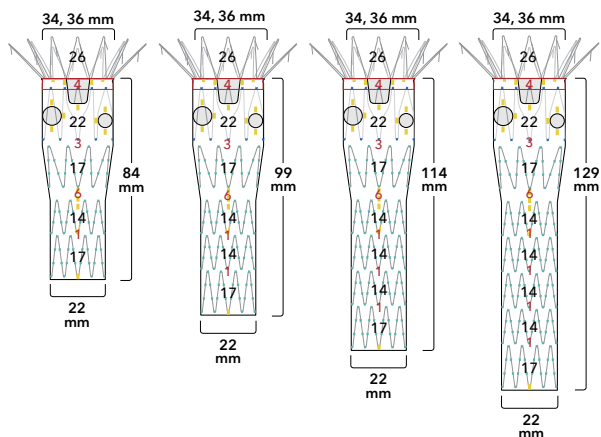
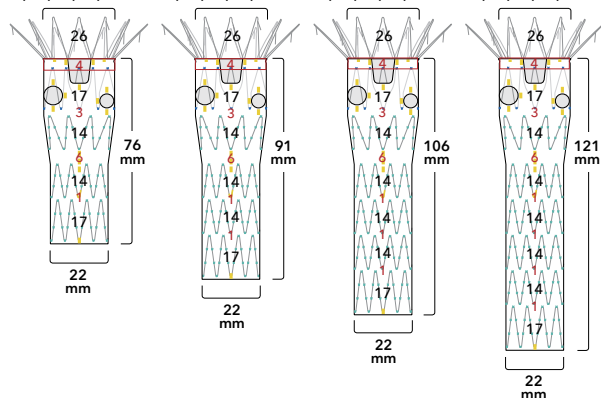
36 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD



Proximal body grafts

One proximal internal stent

24, 26, 28, 30, 32 mm 24, 26, 28, 30, 32 mm 24, 26, 28, 30, 32 mm 24, 26, 28, 30, 32 mm



ZFEN-P-1-XX-YY

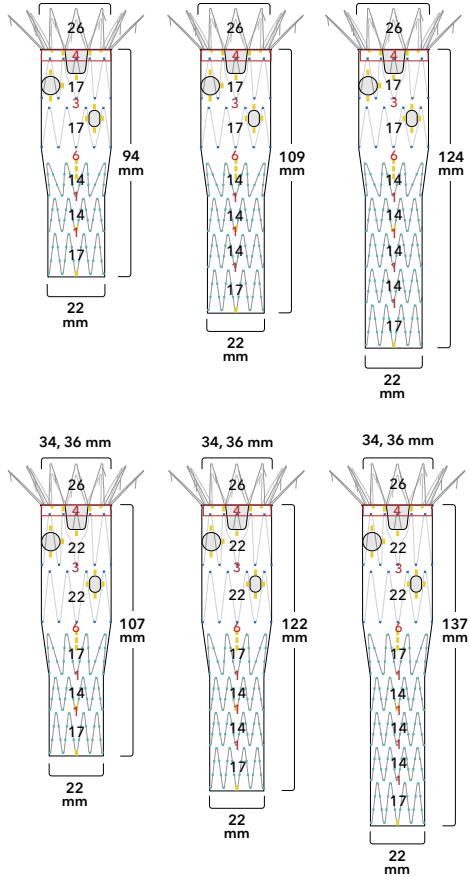
ZFEN-P-1-(proximal body diameter)-(proximal body length)

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Proximal body grafts (continued)

Two proximal internal stents

24, 26, 28, 30, 32 mm 24, 26, 28, 30, 32 mm 24, 26, 28, 30, 32 mm



ZFEN-P-2-XX-YY

ZFEN-P-2-(proximal body diameter)-(proximal body length)

Distal bifurcated body grafts

Order Number	Reference Part Number	Ipsilateral Leg Diameter mm	Distal Ipsilateral Leg Length mm	Distal Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Distal Bifurcated Body Graft					
G38079	ZFEN-D-12-28-76	12	28	76	20 (6.7)/7.7
G38574	ZFEN-D-12-28-94	12	28	94	20 (6.7)/7.7
G38577	ZFEN-D-12-28-109	12	28	109	20 (6.7)/7.7
G38580	ZFEN-D-12-28-124	12	28	124	20 (6.7)/7.7
G38083	ZFEN-D-12-45-76	12	45	76	20 (6.7)/7.7
G38583	ZFEN-D-12-45-94	12	45	94	20 (6.7)/7.7
G38587	ZFEN-D-12-45-109	12	45	109	20 (6.7)/7.7
G38591	ZFEN-D-12-45-124	12	45	124	20 (6.7)/7.7
G38087	ZFEN-D-12-62-76	12	62	76	20 (6.7)/7.7
G38595	ZFEN-D-12-62-94	12	62	94	20 (6.7)/7.7
G38599	ZFEN-D-12-62-109	12	62	109	20 (6.7)/7.7
G38603	ZFEN-D-12-62-124	12	62	124	20 (6.7)/7.7
G38091	ZFEN-D-16-28-76	16	28	76	20 (6.7)/7.7
G38575	ZFEN-D-16-28-94	16	28	94	20 (6.7)/7.7
G38578	ZFEN-D-16-28-109	16	28	109	20 (6.7)/7.7
G38581	ZFEN-D-16-28-124	16	28	124	20 (6.7)/7.7
G38095	ZFEN-D-16-45-76	16	45	76	20 (6.7)/7.7
G38584	ZFEN-D-16-45-94	16	45	94	20 (6.7)/7.7
G38588	ZFEN-D-16-45-109	16	45	109	20 (6.7)/7.7
G38592	ZFEN-D-16-45-124	16	45	124	20 (6.7)/7.7
G38099	ZFEN-D-16-62-76	16	62	76	20 (6.7)/7.7
G38596	ZFEN-D-16-62-94	16	62	94	20 (6.7)/7.7
G38600	ZFEN-D-16-62-109	16	62	109	20 (6.7)/7.7
G38604	ZFEN-D-16-62-124	16	62	124	20 (6.7)/7.7
G38103	ZFEN-D-20-28-76	20	28	76	20 (6.7)/7.7
G38576	ZFEN-D-20-28-94	20	28	94	20 (6.7)/7.7
G38579	ZFEN-D-20-28-109	20	28	109	20 (6.7)/7.7
G38582	ZFEN-D-20-28-124	20	28	124	20 (6.7)/7.7
G38107	ZFEN-D-20-45-76	20	45	76	20 (6.7)/7.7
G38585	ZFEN-D-20-45-94	20	45	94	20 (6.7)/7.7
G38589	ZFEN-D-20-45-109	20	45	109	20 (6.7)/7.7
G38593	ZFEN-D-20-45-124	20	45	124	20 (6.7)/7.7

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

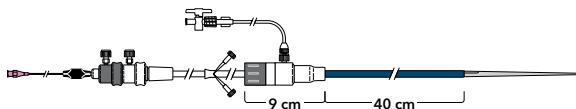
Distal bifurcated body grafts (continued)

Order Number	Reference Part Number	Ipsilateral Leg Diameter mm	Distal Ipsilateral Leg Length mm	Distal Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
G38111	ZFEN-D-20-62-76	20	62	76	20 (6.7)/7.7
G38597	ZFEN-D-20-62-94	20	62	94	20 (6.7)/7.7
G38601	ZFEN-D-20-62-109	20	62	109	20 (6.7)/7.7
G38605	ZFEN-D-20-62-124	20	62	124	20 (6.7)/7.7
G38115	ZFEN-D-24-45-76	24	45	76	20 (6.7)/7.7
G38586	ZFEN-D-24-45-94	24	45	94	20 (6.7)/7.7
G38590	ZFEN-D-24-45-109	24	45	109	20 (6.7)/7.7
G38594	ZFEN-D-24-45-124	24	45	124	20 (6.7)/7.7
G38119	ZFEN-D-24-62-76	24	62	76	20 (6.7)/7.7
G38598	ZFEN-D-24-62-94	24	62	94	20 (6.7)/7.7
G38602	ZFEN-D-24-62-109	24	62	109	20 (6.7)/7.7
G38606	ZFEN-D-24-62-124	24	62	124	20 (6.7)/7.7

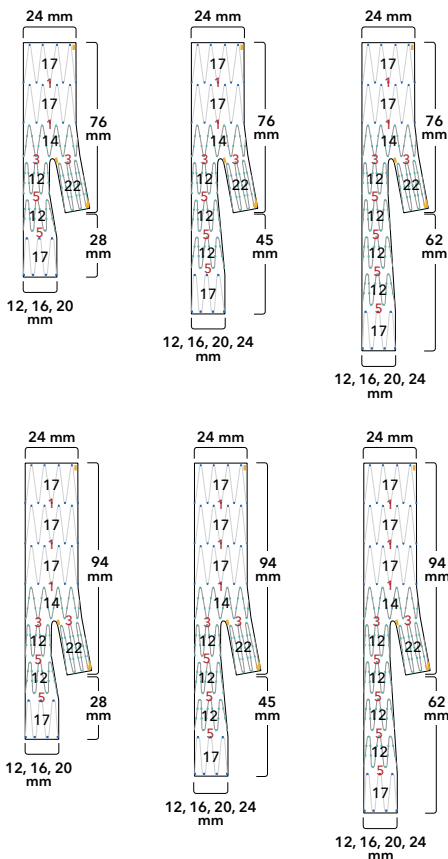
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

H&L-B One-Shot Introduction System for distal bifurcated body grafts

20 Fr (6.7 mm) ID/7.7 mm OD



Distal bifurcated body grafts



ZFEN-D-XX-YY-ZZ

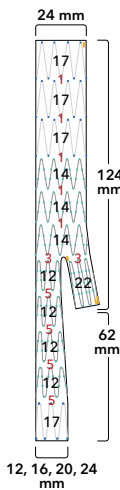
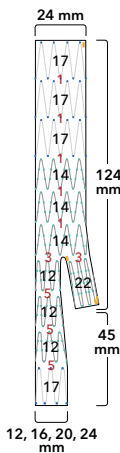
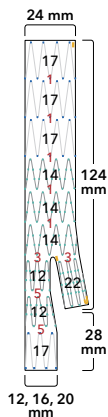
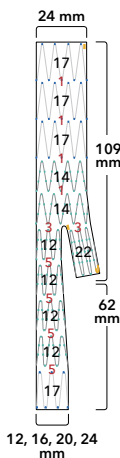
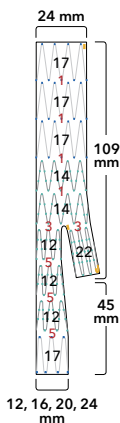
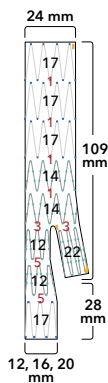
ZFEN-D-(ipsilateral leg diameter)-(distal ipsilateral leg length)-(distal body length)

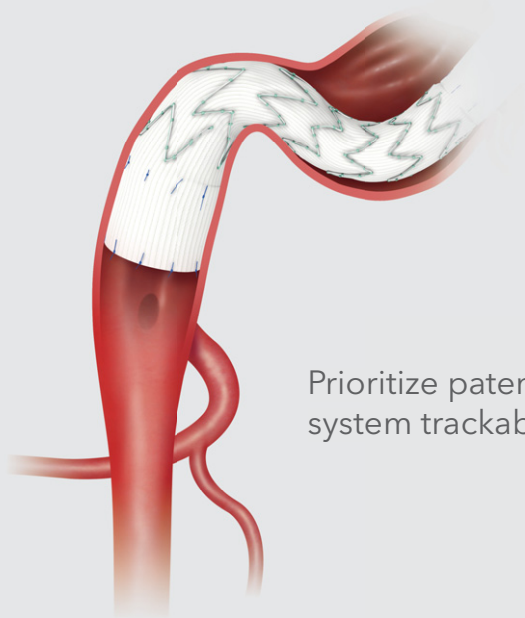
Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Contralateral and ipsilateral iliac legs:

Refer to **pages 50-56** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Distal bifurcated body grafts (continued)





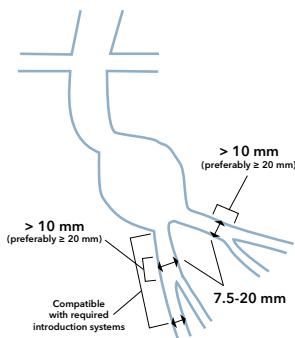
Prioritize patency and
system trackability.

Zenith[®] Spiral-Z[®]

AAA ILIAC LEG GRAFT

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Indications for use



Indications for use	For use with the Zenith® AAA Endovascular Graft family of products, during either a primary or a secondary procedure in patients who have adequate iliac/femoral access compatible with the required introduction systems.	
Ipsilateral iliac fixation site	Distal fixation site > 10 mm in length and 7.5-20 mm in diameter (measured outer wall to outer wall)	
Contralateral iliac fixation site	Distal fixation site > 10 mm in length and 7.5-20 mm in diameter (measured outer wall to outer wall)	
Access	Adequate femoral/iliac access compatible with the required introduction systems	
Introducer diameters	9-16 mm grafts: ID 14 Fr (4.7 mm) OD 5.4 mm	20-24 mm grafts: ID 16 Fr (5.3 mm) OD 6.0 mm
Contraindications	• Patients with known sensitivities or allergies to stainless steel, nitinol, polyester, solder (tin, silver), polypropylene, PTFE, or gold • Patients with a systemic infection who may be at increased risk of endovascular graft infection	

Contralateral/Ipsilateral iliac leg grafts

Order Number	Reference Part Number	Iliac Leg Distal Diameter mm	Iliac Leg Working Length mm	Introducer Sheath ID/OD Fr (mm)/mm
9 mm Diameter				
G55218	ZSLE-9-39-ZT	9	39	14 (4.7)/5.4
G55219	ZSLE-9-56-ZT	9	56	14 (4.7)/5.4
G55220	ZSLE-9-74-ZT	9	74	14 (4.7)/5.4
G55221	ZSLE-9-90-ZT	9	90	14 (4.7)/5.4
G55222	ZSLE-9-107-ZT	9	107	14 (4.7)/5.4
G55223	ZSLE-9-122-ZT	9	122	14 (4.7)/5.4
11 mm Diameter				
G55224	ZSLE-11-39-ZT	11	39	14 (4.7)/5.4
G55225	ZSLE-11-56-ZT	11	56	14 (4.7)/5.4
G55226	ZSLE-11-74-ZT	11	74	14 (4.7)/5.4
G55227	ZSLE-11-90-ZT	11	90	14 (4.7)/5.4
G55228	ZSLE-11-107-ZT	11	107	14 (4.7)/5.4
G55229	ZSLE-11-122-ZT	11	122	14 (4.7)/5.4
13 mm Diameter				
G55230	ZSLE-13-39-ZT	13	39	14 (4.7)/5.4
G55231	ZSLE-13-56-ZT	13	56	14 (4.7)/5.4
G55232	ZSLE-13-74-ZT	13	74	14 (4.7)/5.4
G55233	ZSLE-13-90-ZT	13	90	14 (4.7)/5.4
G55234	ZSLE-13-107-ZT	13	107	14 (4.7)/5.4
G55235	ZSLE-13-122-ZT	13	122	14 (4.7)/5.4
16 mm Diameter				
G55236	ZSLE-16-39-ZT	16	39	14 (4.7)/5.4
G55237	ZSLE-16-56-ZT	16	56	14 (4.7)/5.4
G55238	ZSLE-16-74-ZT	16	74	14 (4.7)/5.4
G55239	ZSLE-16-90-ZT	16	90	14 (4.7)/5.4
20 mm Diameter				
G55240	ZSLE-20-39-ZT	20	39	16 (5.3)/6.0
G55241	ZSLE-20-56-ZT	20	56	16 (5.3)/6.0
G55242	ZSLE-20-74-ZT	20	74	16 (5.3)/6.0
G55243	ZSLE-20-90-ZT	20	90	16 (5.3)/6.0

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Contralateral/Ipsilateral iliac leg grafts (continued)

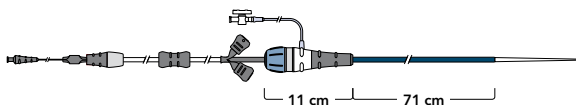
Order Number	Reference Part Number	Iliac Leg Distal Diameter mm	Iliac Leg Working Length mm	Introducer Sheath ID/OD Fr (mm)/mm
24 mm Diameter				
G55244	ZSLE-24-39-ZT	24	39	16 (5.3)/6.0
G55245	ZSLE-24-56-ZT	24	56	16 (5.3)/6.0
G55246	ZSLE-24-74-ZT	24	74	16 (5.3)/6.0
G55247	ZSLE-24-90-ZT	24	90	16 (5.3)/6.0

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

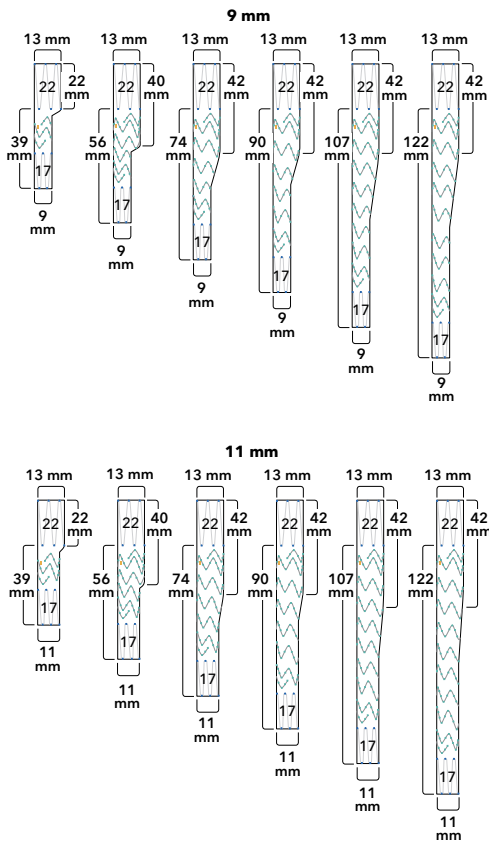
Z-Trak® Introduction System for iliac legs

9-16 mm grafts: 14 Fr (4.7 mm) ID/5.4 mm OD

20-24 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD



Contralateral/Ipsilateral iliac leg grafts

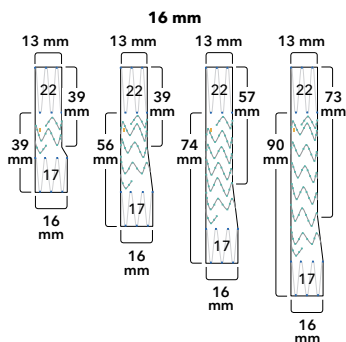
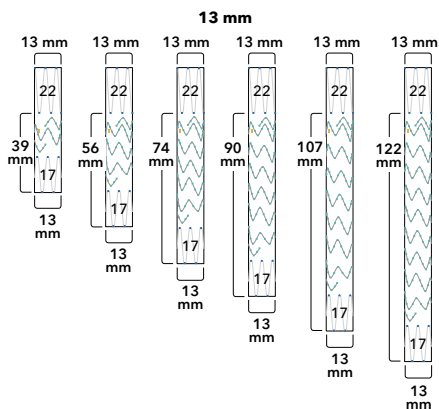


ZSLE-XX-YY-ZT

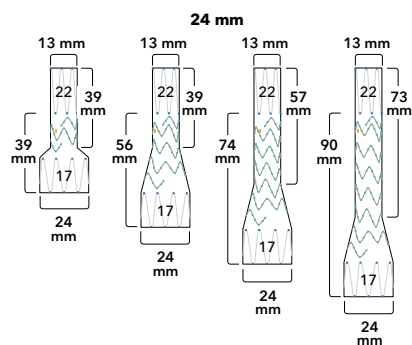
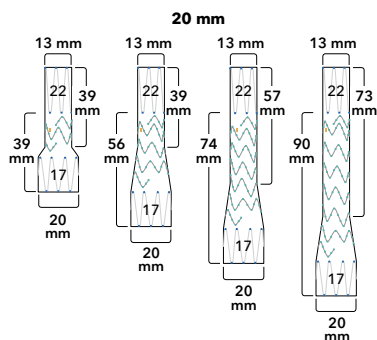
ZSLE-(distal diameter)-(working length)-ZT

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths.

Contralateral/Ipsilateral iliac leg grafts (continued)



Contralateral/Ipsilateral iliac leg grafts (continued)





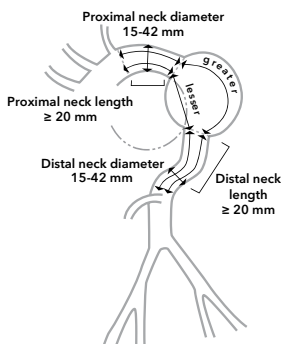
Designed to help you
meet the challenges
of aortic disease.

Zenith Alpha™

THORACIC ENDOVASCULAR GRAFT

[back](#)

Indications for use



Indications for use	The Zenith Alpha™ Thoracic Endovascular Graft is indicated for the endovascular treatment of patients with aneurysms/ulcers of the descending thoracic aorta having vascular morphology suitable for endovascular repair including: • Iliac/femoral anatomy that is suitable for access with the required introduction systems, • Nonaneurysmal aortic segments (fixation sites) proximal and distal to the aneurysm or ulcer: - with a length of at least 20 mm, and - with a diameter measured outer wall to outer wall of no greater than 42 mm and no less than 15 mm.		
Length	Nonaneurysmal aortic necks proximal and distal to the aneurysm with a length ≥ 20 mm		
Aortic fixation site diameter	15-42 mm (measured outer wall to outer wall)		
Angulation/Curvature	• Radius of curvature ≥ 20 mm for aortic arch landing zones • An angle ≤ 45 degrees (any angle in the arch or distal aorta)		
Access	Adequate femoral/iliac access compatible with the required introduction systems		
Introducer diameters	18-30 mm grafts: ID 16 Fr (5.3 mm) OD 6.0 mm	32-38 mm grafts: ID 18 Fr (6.0 mm) OD 7.1 mm	40-46 mm grafts: ID 20 Fr (6.7 mm) OD 7.7 mm
Contraindications	• Patients with known sensitivities or allergies to polyester, polypropylene, nitinol, or gold. • Patients with a systemic infection who may be at increased risk of endovascular graft infection.		

Proximal components

Order Number	Reference Part Number	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
18 mm Diameter					
G34671	ZTA-P-18-105	15-16	18	105	16 (5.3)/6.0
20 mm Diameter					
G34673	ZTA-P-20-105	17	20	105	16 (5.3)/6.0
22 mm Diameter					
G34675	ZTA-P-22-105	18-19	22	105	16 (5.3)/6.0
24 mm Diameter					
G34677	ZTA-P-24-105	20-21	24	105	16 (5.3)/6.0
26 mm Diameter					
G34679	ZTA-P-26-105	22-23	26	105	16 (5.3)/6.0
28 mm Diameter					
G34682	ZTA-P-28-109	24-25	28	109	16 (5.3)/6.0
G34683	ZTA-P-28-155	24-25	28	155	16 (5.3)/6.0
G34684	ZTA-P-28-201	24-25	28	201	16 (5.3)/6.0
30 mm Diameter					
G34685	ZTA-P-30-109	26-27	30	109	16 (5.3)/6.0
G34687	ZTA-P-30-155	26-27	30	155	16 (5.3)/6.0
G34688	ZTA-P-30-201	26-27	30	201	16 (5.3)/6.0
32 mm Diameter					
G34689	ZTA-P-32-109	28-29	32	109	18 (6.0)/7.1
G34691	ZTA-P-32-155	28-29	32	155	18 (6.0)/7.1
G34692	ZTA-P-32-201	28-29	32	201	18 (6.0)/7.1
34 mm Diameter					
G34694	ZTA-P-34-113	30	34	113	18 (6.0)/7.1
G34696	ZTA-P-34-161	30	34	161	18 (6.0)/7.1
G34697	ZTA-P-34-209	30	34	209	18 (6.0)/7.1
36 mm Diameter					
G34698	ZTA-P-36-113	31-32	36	113	18 (6.0)/7.1
G34700	ZTA-P-36-161	31-32	36	161	18 (6.0)/7.1
G34701	ZTA-P-36-209	31-32	36	209	18 (6.0)/7.1

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Proximal components (continued)

Order Number	Reference Part Number	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
38 mm Diameter					
G34702	ZTA-P-38-117	33-34	38	117	18 (6.0)/7.1
G34704	ZTA-P-38-167	33-34	38	167	18 (6.0)/7.1
G34705	ZTA-P-38-217	33-34	38	217	18 (6.0)/7.1
40 mm Diameter					
G34706	ZTA-P-40-117	35-36	40	117	20 (6.7)/7.7
G34708	ZTA-P-40-167	35-36	40	167	20 (6.7)/7.7
G34709	ZTA-P-40-217	35-36	40	217	20 (6.7)/7.7
42 mm Diameter					
G34710	ZTA-P-42-121	37-38	42	121	20 (6.7)/7.7
G34713	ZTA-P-42-173	37-38	42	173	20 (6.7)/7.7
G34714	ZTA-P-42-225	37-38	42	225	20 (6.7)/7.7
44 mm Diameter					
G34715	ZTA-P-44-125	39	44	125	20 (6.7)/7.7
G34717	ZTA-P-44-179	39	44	179	20 (6.7)/7.7
G34718	ZTA-P-44-233	39	44	233	20 (6.7)/7.7
46 mm Diameter					
G34719	ZTA-P-46-125	40-42	46	125	20 (6.7)/7.7
G34721	ZTA-P-46-179	40-42	46	179	20 (6.7)/7.7
G34722	ZTA-P-46-233	40-42	46	233	20 (6.7)/7.7

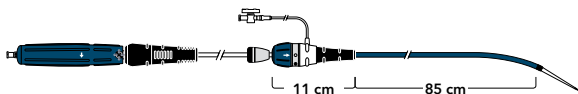
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction system for proximal components

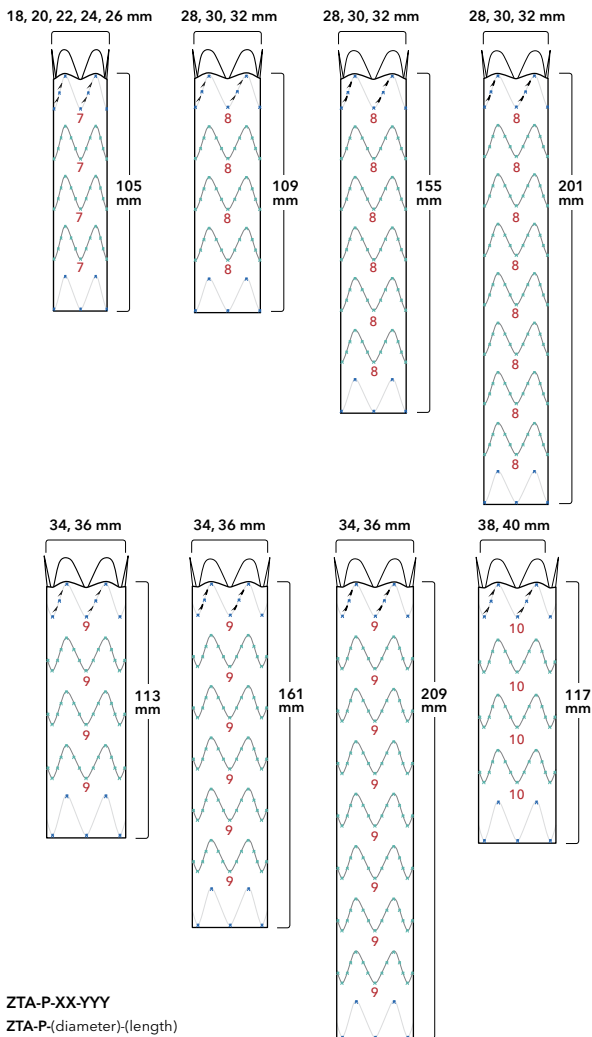
18-30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

32-38 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

40-46 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD



Proximal components

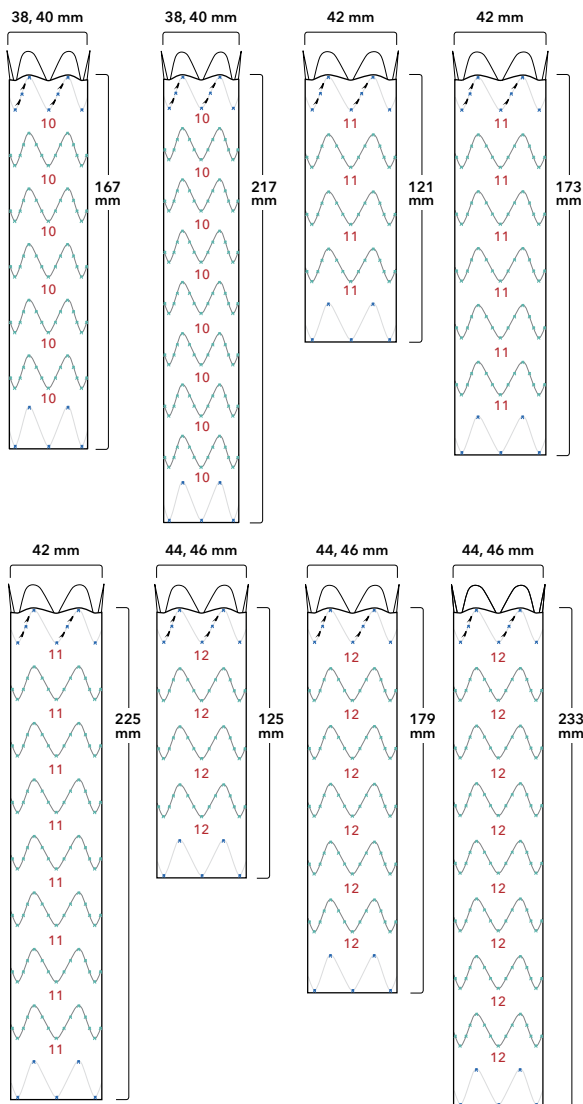


ZTA-P-XX-YYY

ZTA-P-(diameter)-(length)

Note: All measurements are in millimetres. Red numbers indicate gap lengths. Gap lengths are approximate.

Proximal components (continued)



Proximal 4 mm tapered components

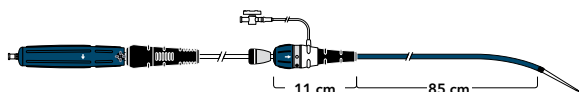
Order Number	Reference Part Number	Aortic Vessel OD mm	Proximal Diameter mm	Distal Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
32 mm Diameter						
G34638	ZTA-PT-32-28-178	28-29	32	28	178	18 (6.0)/7.1
G34639	ZTA-PT-32-28-201	28-29	32	28	201	18 (6.0)/7.1
34 mm Diameter						
G34640	ZTA-PT-34-30-161	30	34	30	161	18 (6.0)/7.1
G34642	ZTA-PT-34-30-209	30	34	30	209	18 (6.0)/7.1
36 mm Diameter						
G34643	ZTA-PT-36-32-161	31-32	36	32	161	18 (6.0)/7.1
G34645	ZTA-PT-36-32-209	31-32	36	32	209	18 (6.0)/7.1
38 mm Diameter						
G34646	ZTA-PT-38-34-167	33-34	38	34	167	18 (6.0)/7.1
G34648	ZTA-PT-38-34-217	33-34	38	34	217	18 (6.0)/7.1
40 mm Diameter						
G34650	ZTA-PT-40-36-167	35-36	40	36	167	20 (6.7)/7.7
G34652	ZTA-PT-40-36-217	35-36	40	36	217	20 (6.7)/7.7
42 mm Diameter						
G34653	ZTA-PT-42-38-173	37-38	42	38	173	20 (6.7)/7.7
G34655	ZTA-PT-42-38-225	37-38	42	38	225	20 (6.7)/7.7
44 mm Diameter						
G34656	ZTA-PT-44-40-179	39	44	40	179	20 (6.7)/7.7
G34657	ZTA-PT-44-40-233	39	44	40	233	20 (6.7)/7.7
46 mm Diameter						
G34659	ZTA-PT-46-42-179	40-42	46	42	179	20 (6.7)/7.7
G34661	ZTA-PT-46-42-233	40-42	46	42	233	20 (6.7)/7.7

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

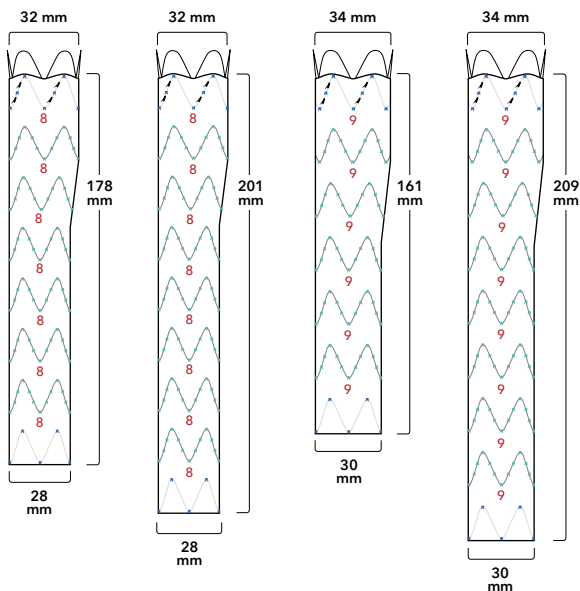
Introduction system for proximal 4 mm tapered components

32-38 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

40-46 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD



Proximal 4 mm tapered components

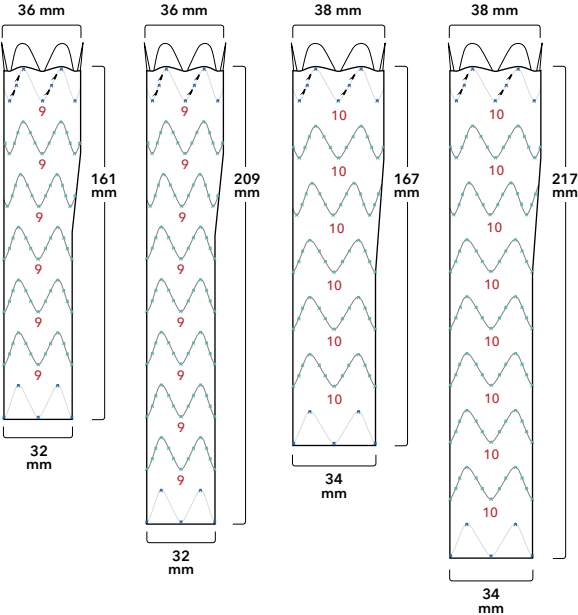


ZTA-PT-XX-YY-ZZZ

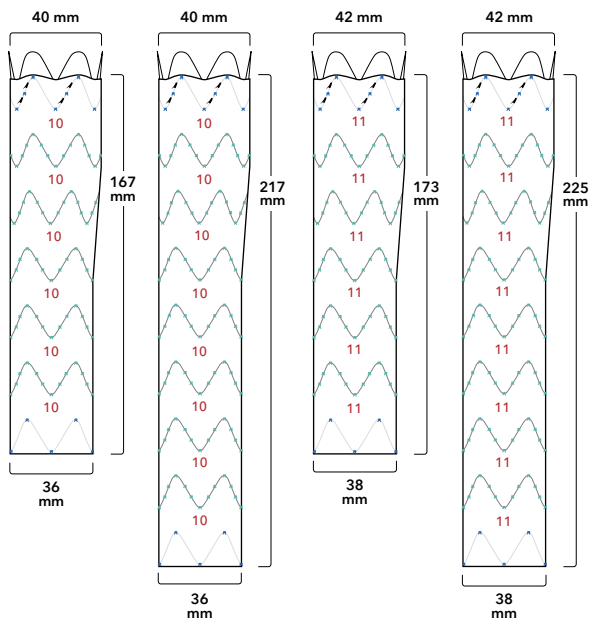
ZTA-PT-(proximal diameter)-(distal diameter)-(length)

Note: All measurements are in millimetres. Red numbers indicate gap lengths. Gap lengths are approximate.

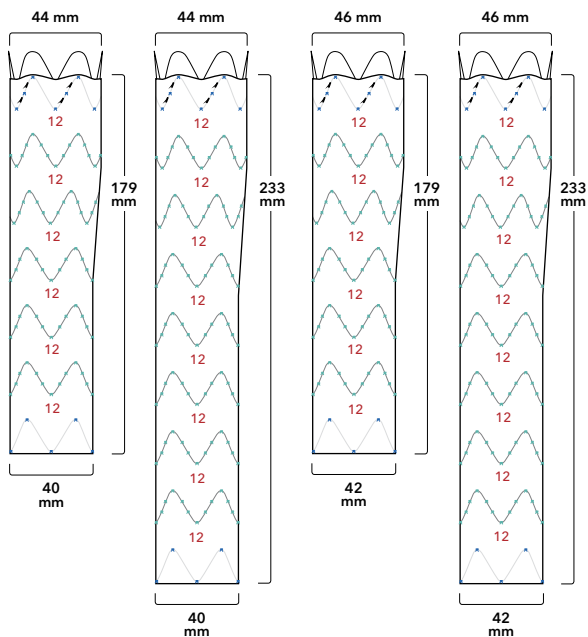
Proximal 4 mm tapered components (continued)



Proximal 4 mm tapered components (continued)



Proximal 4 mm tapered components (continued)



Distal components

Order Number	Reference Part Number	Aortic Vessel OD mm	Distal Component Diameter mm	Distal Component Length mm	Introducer Sheath ID/OD Fr (mm)/mm
28 mm Diameter					
G34602	ZTA-D-28-160	24-25	28	160	16 (5.3)/6.0
30 mm Diameter					
G34610	ZTA-D-30-160	26-27	30	160	16 (5.3)/6.0
32 mm Diameter					
G34619	ZTA-D-32-160	28-29	32	160	18 (6.0)/7.1
34 mm Diameter					
G34647	ZTA-D-34-190	30	34	190	18 (6.0)/7.1
36 mm Diameter					
G34651	ZTA-D-36-190	31-32	36	190	18 (6.0)/7.1
38 mm Diameter					
G34658	ZTA-D-38-197	33-34	38	197	18 (6.0)/7.1
40 mm Diameter					
G34662	ZTA-D-40-197	35-36	40	197	20 (6.7)/7.7
42 mm Diameter					
G34664	ZTA-D-42-204	37-38	42	204	20 (6.7)/7.7
44 mm Diameter					
G34667	ZTA-D-44-211	39	44	211	20 (6.7)/7.7
46 mm Diameter					
G34670	ZTA-D-46-211	40-41	46	211	20 (6.7)/7.7

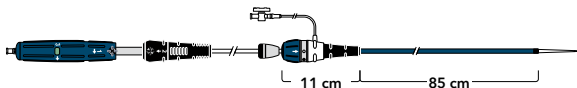
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction system for distal components

28-30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

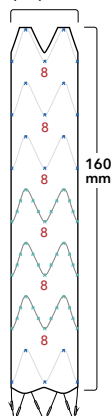
32-38 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

40-46 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

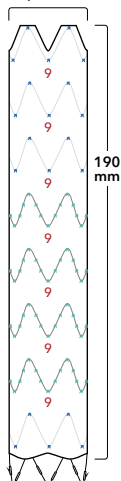


Distal components

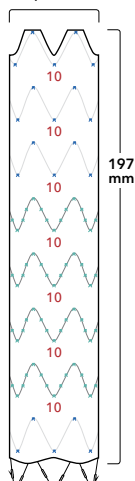
28, 30, 32 mm



34, 36 mm



38, 40 mm

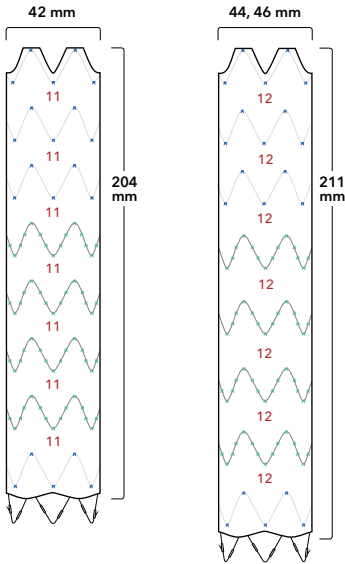


ZTA-D-XX-YYY

ZTA-D-(diameter)-(distal component length)

Note: All measurements are in millimetres. Red numbers indicate gap lengths. Gap lengths are approximate.

Distal components (continued)



Distal extensions

Order Number	Reference Part Number	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
22 mm Diameter					
G34605	ZTA-DE-22-104	18-19	22	104	16 (5.3)/6.0
26 mm Diameter					
G34607	ZTA-DE-26-104	22-23	26	104	16 (5.3)/6.0
30 mm Diameter					
G34611	ZTA-DE-30-108	26-27	30	108	16 (5.3)/6.0
34 mm Diameter					
G34613	ZTA-DE-34-112	30	34	112	18 (6.0)/7.1
38 mm Diameter					
G34616	ZTA-DE-38-91	33-34	38	91	18 (6.0)/7.1
42 mm Diameter					
G34618	ZTA-DE-42-94	37-38	42	94	20 (6.7)/7.7
46 mm Diameter					
G34622	ZTA-DE-46-97	40-42	46	97	20 (6.7)/7.7

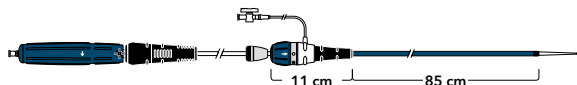
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction system for distal extensions

22-30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

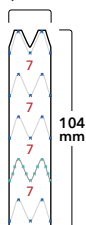
34-38 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

42-46 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

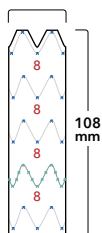


Distal extensions

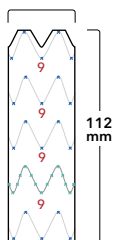
22, 26 mm



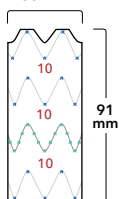
30 mm



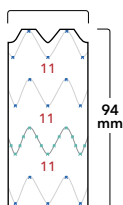
34 mm



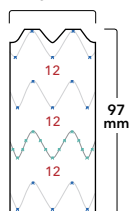
38 mm



42 mm



46 mm



ZTA-DE-XX-YYY

ZTA-DE-(diameter)-(length)

Note: All measurements are in millimetres. Red numbers indicate gap lengths. Gap lengths are approximate.

Deployment overview

1 POSITION LUNDERQUIST® EXTRA-STIFF DC WIRE GUIDE IN AORTIC ARCH

Through the pigtail flush catheter, replace the standard wire guide with an extra-stiff, .035 inch, 260 or 300 cm double-curved Lunderquist wire guide up to the level of the aortic arch and remove the pigtail.

2 POSITION THE PROXIMAL COMPONENT

Introduce the introduction system for the proximal component over the extra-stiff double-curved Lunderquist wire guide and advance until you reach the desired graft position.

Caution: To avoid twisting the graft, never rotate the introduction system during the procedure. Allow the device to conform naturally. Do not advance the sheath while the graft is still inside the sheath. Doing so may cause the barbs to perforate the introducer sheath.

3 UNSHEATH THE PROXIMAL COMPONENT

While you constantly monitor the graft position, withdraw the sheath until the graft is fully expanded and the valve assembly with the Captor sleeve docks with the black sliding gripper.

4 RELEASE THE PROXIMAL COMPONENT

Hold the black sliding gripper and loosen the black safety-lock knob on the blue rotating handle (turn in the direction of the arrows). Turn the blue rotating handle following the directional arrow next to label 1 until a stop is felt. The stop indicates that the uncovered bare stent and proximal end of the graft have opened and the distal attachment to the introducer has been released.

5 REMOVE THE INTRODUCTION SYSTEM FOR THE PROXIMAL COMPONENT

Remove the introduction system entirely, leaving the wire guide positioned in the graft.

6 POSITION THE DISTAL COMPONENT

Introduce the hydrated introduction system until the desired graft position has been achieved. Ensure that there is a minimum overlap of 3 stents.

7 UNSHEATH THE DISTAL COMPONENT

Stabilise the gray positioner and withdraw the sheath until the Captor sleeve docks with the telescoping black sliding gripper.

Deployment overview (continued)

8 RELEASE THE DISTAL COMPONENT

Use the **1-2-3** deployment sequence.

To release the distal attachment, hold the black sliding gripper and loosen the black safety-lock knob on the blue rotating handle (turn the safety lock in the direction of the arrows). Turn the blue rotating handle following the directional arrow next to **label 1** until a stop is felt.

1. Turn the gray safety lock knob indicated by **label 2** on the black sliding gripper (turn the safety lock in the direction of the arrows). To release the the distal bare stent, stabilise the introduction system and slide the black sliding gripper over the gray tube and outer sheath in a distal direction until it locks automatically into position next to the blue rotating handle (the release window on the blue rotating handle next to **label 3** will turn green).
2. Turn the blue rotating handle in the direction of the arrow (**label 3**) until a stop is felt and the proximal end of the graft opens.

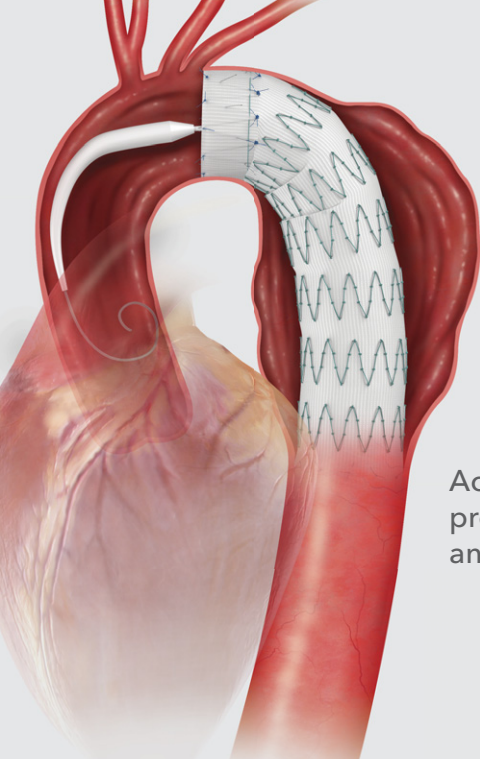
9 OPTIONAL: MOLDING BALLOON

Advance the molding balloon over the wire guide and through the hemostatic valve of the main body introduction system to the level of the proximal fixation seal site. Maintain proper sheath positioning.

Tighten the Captor Hemostatic Valve around the molding balloon by turning it clockwise with gentle pressure.

Caution: Do not inflate the balloon in the vessel outside of the graft.

Expand the moulding balloon with diluted contrast media (as directed by the manufacturer) in the area of the proximal covered stent, starting proximally and working in the distal direction.



Achieve proven
proximal conformity
and apposition.

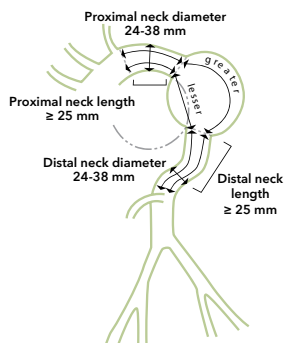
with
Pro-Form®

Zenith® TX2®

TAA ENDOVASCULAR GRAFT

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Indications for use



Indications for use	The Zenith TX2 TAA Endovascular Graft with Pro-Form and the Z-Trak Plus® Introduction System is indicated for the endovascular treatment of patients with aneurysms or ulcers of the descending thoracic aorta having vascular morphology suitable for endovascular repair including: • Adequate iliac/femoral access compatible with the required introduction systems, • Nonaneurysmal aortic segments (fixation sites) proximal and distal to the aneurysm or ulcer: • with a length of at least 25 mm • with a diameter measured outer wall to outer wall of no greater than 38 mm and no less than 24 mm, and • with an angle less than 45 degrees.		
Length	Nonaneurysmal aortic necks proximal and distal to the aneurysm with a length ≥ 25 mm		
Aortic fixation site diameter	24-38 mm (measured outer wall to outer wall)		
Angulation/ Curvature	• A radius of curvature > 35 mm for aortic arch landing zones • An angle < 45 degrees (any angle in the arch or distal aorta)		
Access	Adequate iliac/femoral access compatible with the required introduction systems		
Introducer diameters	28-34 mm grafts: ID 20 Fr (6.7 mm) OD 7.7 mm	36-42 mm grafts: ID 22 Fr (7.3 mm) OD 8.5 mm	
Contraindications	• Patients with known sensitivities or allergies to stainless steel, polyester, solder (tin, silver), polypropylene, nitinol or gold • Patients with a systemic infection who may be at increased risk of endovascular stent infection		

Proximal components

Order Number	Reference Part Number	Component Type	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
28 mm Diameter						
G53418	ZTEG-2P-28-120-PF-US	2P	24	28	120	20 (6.7)/7.7
G53419	ZTEG-2P-28-140-PF-US	2P	24	28	140	20 (6.7)/7.7
G53420	ZTEG-2P-28-200-PF-US	2P	24	28	200	20 (6.7)/7.7
30 mm Diameter						
G53421	ZTEG-2P-30-120-PF-US	2P	25-27	30	120	20 (6.7)/7.7
G53422	ZTEG-2P-30-140-PF-US	2P	25-27	30	140	20 (6.7)/7.7
G53423	ZTEG-2P-30-200-PF-US	2P	25-27	30	200	20 (6.7)/7.7
32 mm Diameter						
G53424	ZTEG-2P-32-120-PF-US	2P	28-29	32	120	20 (6.7)/7.7
G53425	ZTEG-2P-32-140-PF-US	2P	28-29	32	140	20 (6.7)/7.7
G53426	ZTEG-2P-32-200-PF-US	2P	28-29	32	200	20 (6.7)/7.7
34 mm Diameter						
G53427	ZTEG-2P-34-127-PF-US	2P	30	34	127	20 (6.7)/7.7
G53428	ZTEG-2P-34-152-PF-US	2P	30	34	152	20 (6.7)/7.7
G53429	ZTEG-2P-34-202-PF-US	2P	30	34	202	20 (6.7)/7.7
36 mm Diameter						
G53430	ZTEG-2P-36-127-PF-US	2P	31-32	36	127	22 (7.3)/8.5
G53431	ZTEG-2P-36-152-PF-US	2P	31-32	36	152	22 (7.3)/8.5
G53432	ZTEG-2P-36-202-PF-US	2P	31-32	36	202	22 (7.3)/8.5
38 mm Diameter						
G53433	ZTEG-2P-38-127-PF-US	2P	33-34	38	127	22 (7.3)/8.5
G53434	ZTEG-2P-38-152-PF-US	2P	33-34	38	152	22 (7.3)/8.5
G53435	ZTEG-2P-38-202-PF-US	2P	33-34	38	202	22 (7.3)/8.5
40 mm Diameter						
G24139	ZTEG-2P-40-108-PF-US	2P	35-36	40	108	22 (7.3)/8.5
G53436	ZTEG-2P-40-135-PF-US	2P	35-36	40	135	22 (7.3)/8.5
G53437	ZTEG-2P-40-162-PF-US	2P	35-36	40	162	22 (7.3)/8.5
G53438	ZTEG-2P-40-216-PF-US	2P	35-36	40	216	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Proximal components (Continued)

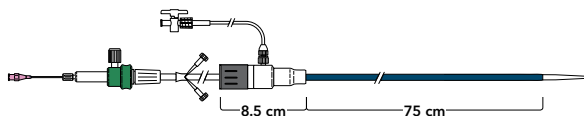
Order Number	Reference Part Number	Component Type	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
42 mm Diameter						
G24140	ZTEG-2P-42-108-PF-US	2P	37-38	42	108	22 (7.3)/8.5
G53439	ZTEG-2P-42-135-PF-US	2P	37-38	42	135	22 (7.3)/8.5
G53440	ZTEG-2P-42-162-PF-US	2P	37-38	42	162	22 (7.3)/8.5
G53441	ZTEG-2P-42-216-PF-US	2P	37-38	42	216	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Plus® Introduction System for proximal components

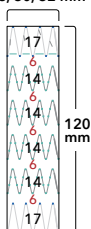
28-34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-42 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

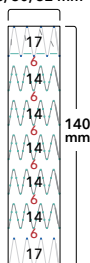


Proximal components

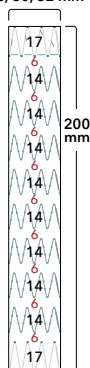
28, 30, 32 mm



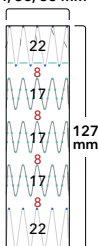
28, 30, 32 mm



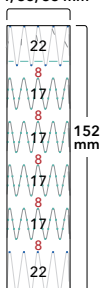
28, 30, 32 mm



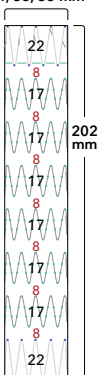
34, 36, 38 mm



34, 36, 38 mm



34, 36, 38 mm



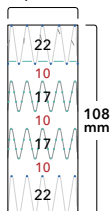
ZTEG-2P-XX-YY-PF-US

ZTEG-2P-(diameter)-(length)-PF-US

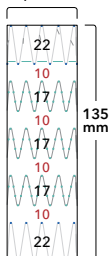
Note: All measurements are in millimeters. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Proximal components (Continued)

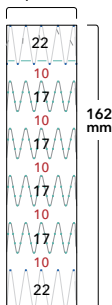
40, 42 mm



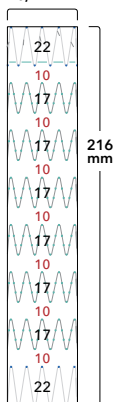
40, 42 mm



40, 42 mm



40, 42 mm



Proximal tapered components

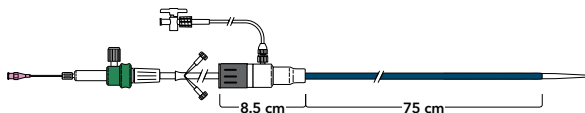
Order Number	Reference Part Number	Component Type	Aortic Vessel OD mm	Proximal Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
32 mm Diameter						
G53442	ZTEG-2PT-32-160-PF-US	2PT	28-29	32	160	20 (6.7)/7.7
G53443	ZTEG-2PT-32-200-PF-US	2PT	28-29	32	200	20 (6.7)/7.7
34 mm Diameter						
G53444	ZTEG-2PT-34-157-PF-US	2PT	30	34	157	20 (6.7)/7.7
G53445	ZTEG-2PT-34-197-PF-US	2PT	30	34	197	20 (6.7)/7.7
36 mm Diameter						
G53446	ZTEG-2PT-36-157-PF-US	2PT	31-32	36	157	22 (7.3)/8.5
G53447	ZTEG-2PT-36-197-PF-US	2PT	31-32	36	197	22 (7.3)/8.5
38 mm Diameter						
G53448	ZTEG-2PT-38-152-PF-US	2PT	33-34	38	152	22 (7.3)/8.5
G53449	ZTEG-2PT-38-202-PF-US	2PT	33-34	38	202	22 (7.3)/8.5
40 mm Diameter						
G53450	ZTEG-2PT-40-158-PF-US	2PT	35-36	40	158	22 (7.3)/8.5
G53451	ZTEG-2PT-40-208-PF-US	2PT	35-36	40	208	22 (7.3)/8.5
42 mm Diameter						
G53452	ZTEG-2PT-42-158-PF-US	2PT	37-38	42	158	22 (7.3)/8.5
G53453	ZTEG-2PT-42-208-PF-US	2PT	37-38	42	208	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

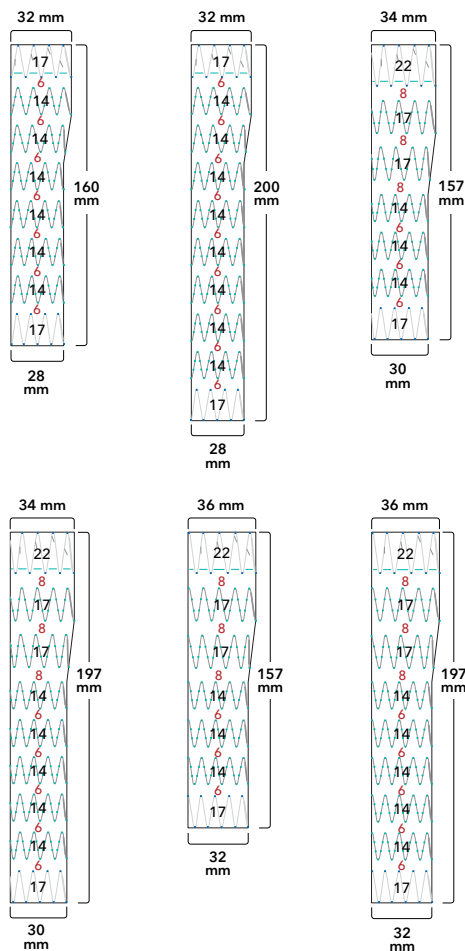
Z-Trak Plus® Introduction System for proximal tapered components

32-34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-42 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD



Proximal tapered components

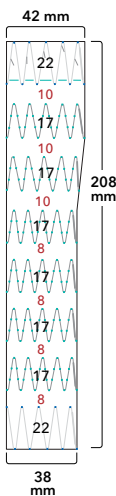
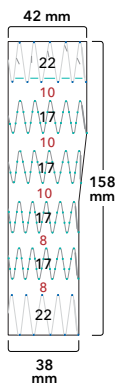
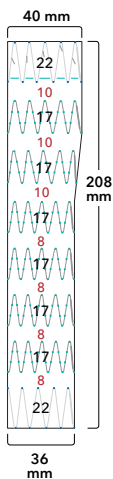
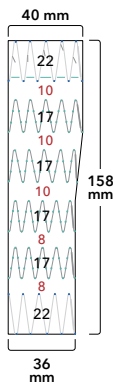
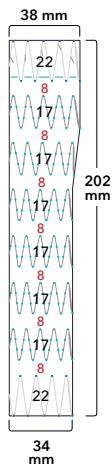
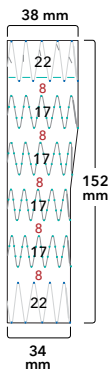


ZTEG-2PT-XX-YY-PF-US

ZTEG-2PT-(proximal diameter)-(length)-PF-US

Note: All measurements are in millimeters. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Proximal tapered components (Continued)



Distal components

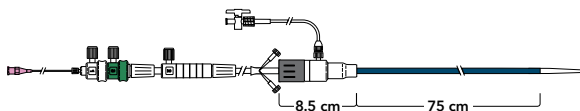
Order Number	Reference Part Number	Component Type	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
28 mm Diameter					
G53472	ZTEG-2D-28-147-PF-US	2D	28	147	20 (6.7)/7.7
G53471	ZTEG-2D-28-207-PF-US	2D	28	207	20 (6.7)/7.7
30 mm Diameter					
G53473	ZTEG-2D-30-147-PF-US	2D	30	147	20 (6.7)/7.7
G53474	ZTEG-2D-30-207-PF-US	2D	30	207	20 (6.7)/7.7
32 mm Diameter					
G53476	ZTEG-2D-32-147-PF-US	2D	32	147	20 (6.7)/7.7
G53477	ZTEG-2D-32-207-PF-US	2D	32	207	20 (6.7)/7.7
34 mm Diameter					
G53478	ZTEG-2D-34-136-PF-US	2D	34	136	20 (6.7)/7.7
G53479	ZTEG-2D-34-186-PF-US	2D	34	186	20 (6.7)/7.7
36 mm Diameter					
G53480	ZTEG-2D-36-136-PF-US	2D	36	136	22 (7.3)/8.5
G53481	ZTEG-2D-36-186-PF-US	2D	36	186	22 (7.3)/8.5
38 mm Diameter					
G53482	ZTEG-2D-38-136-PF-US	2D	38	136	22 (7.3)/8.5
G53483	ZTEG-2D-38-186-PF-US	2D	38	186	22 (7.3)/8.5
40 mm Diameter					
G53484	ZTEG-2D-40-144-PF-US	2D	40	144	22 (7.3)/8.5
G53485	ZTEG-2D-40-198-PF-US	2D	40	198	22 (7.3)/8.5
42 mm Diameter					
G53486	ZTEG-2D-42-144-PF-US	2D	42	144	22 (7.3)/8.5
G53487	ZTEG-2D-42-198-PF-US	2D	42	198	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Plus® Introduction System for distal components

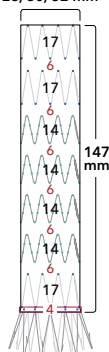
28-34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-42 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

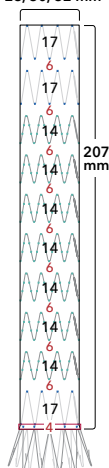


Distal components

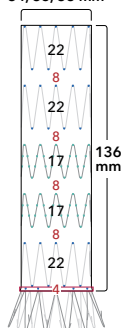
28, 30, 32 mm



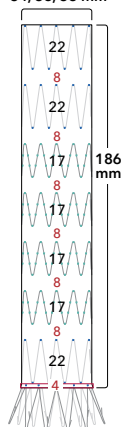
28, 30, 32 mm



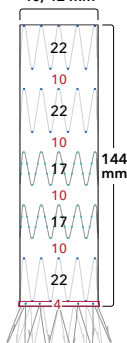
34, 36, 38 mm



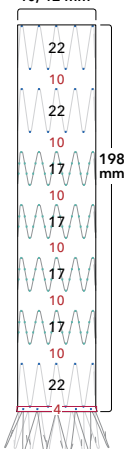
34, 36, 38 mm



40, 42 mm



40, 42 mm



ZTEG-2D-XX-YY-PF-US

ZTEG-2D-(diameter)-(length)-PF-US

Note: All measurements are in millimeters. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Proximal extensions

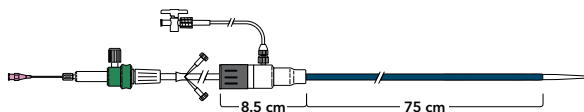
Order Number	Reference Part Number	Component Type	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
28 mm Diameter					
G53454	TBE-28-80-PF-US	TBE	28	80	20 (6.7)/7.7
30 mm Diameter					
G53455	TBE-30-80-PF-US	TBE	30	80	20 (6.7)/7.7
32 mm Diameter					
G53456	TBE-32-80-PF-US	TBE	32	80	20 (6.7)/7.7
34 mm Diameter					
G53457	TBE-34-77-PF-US	TBE	34	77	20 (6.7)/7.7
36 mm Diameter					
G53458	TBE-36-77-PF-US	TBE	36	77	22 (7.3)/8.5
38 mm Diameter					
G53459	TBE-38-77-PF-US	TBE	38	77	22 (7.3)/8.5
40 mm Diameter					
G53460	TBE-40-81-PF-US	TBE	40	81	22 (7.3)/8.5
42 mm Diameter					
G53461	TBE-42-81-PF-US	TBE	42	81	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Plus® Introduction System for distal and proximal extensions

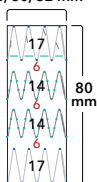
28-34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-42 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

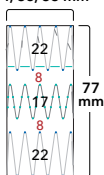


Proximal extensions

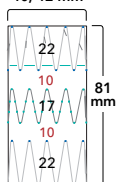
28, 30, 32 mm



34, 36, 38 mm



40, 42 mm



TBE-XX-YY-PF-US

TBE-(diameter)-(length)-PF-US

Note: All measurements are in millimeters. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Distal extensions

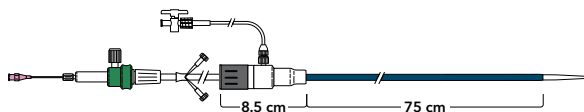
Order Number	Reference Part Number	Component Type	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
28 mm Diameter					
G53462	ESBE-28-80-T-PF-US	ESBE	28	80	20 (6.7)/7.7
30 mm Diameter					
G53463	ESBE-30-80-T-PF-US	ESBE	30	80	20 (6.7)/7.7
32 mm Diameter					
G53464	ESBE-32-80-T-PF-US	ESBE	32	80	20 (6.7)/7.7
34 mm Diameter					
G53465	ESBE-34-77-T-PF-US	ESBE	34	77	20 (6.7)/7.7
36 mm Diameter					
G53466	ESBE-36-77-T-PF-US	ESBE	36	77	22 (7.3)/8.5
38 mm Diameter					
G53467	ESBE-38-77-T-PF-US	ESBE	38	77	22 (7.3)/8.5
40 mm Diameter					
G53468	ESBE-40-81-T-PF-US	ESBE	40	81	22 (7.3)/8.5
42 mm Diameter					
G53469	ESBE-42-81-T-PF-US	ESBE	42	81	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Plus® Introduction System for distal and proximal extensions

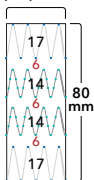
28-34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-42 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

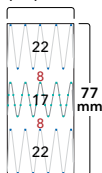


Distal extensions

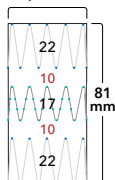
28, 30, 32 mm



34, 36, 38 mm



40, 42 mm



ESBE-XX-YY-T-PF-US

ESBE-(diameter)-(length)-T-PF-US

Note: All measurements are in millimeters. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Deployment overview*

GENERAL CAUTIONS

- Exercise extreme caution when manipulating interventional and angiographic devices in the region of the barbs.
- Do not advance the wire guide or introduction system if resistance is felt. Exercise particular care in areas of stenosis, thrombus, calcification or tortuosity.
- Unless medically indicated, do not cover arch or mesenteric arteries with the graft. If the left subclavian artery is to be covered, the clinician must be aware of the risk for compromised perfusion of cerebral, upper limb and collateral spinal arteries.
- Use caution during manipulation of catheters, wires and sheaths within the aneurysm, as thrombus dislodgment and embolization may occur.
- Do not attempt to resheath the graft after partial or complete deployment.
- Avoid damaging the graft or disturbing graft positioning if reinstrumentation is necessary.
- Anatomy and graft position can change with sheath removal; constantly monitor graft position, using angiography as necessary.

1 POSITION LUNDERQUIST® EXTRA-STIFF DC WIRE GUIDE IN AORTIC ARCH

Through the radiopaque banded pigtail flush catheter, replace the standard wire guide with a stiff .035 inch 300 cm Lunderquist Extra-Stiff DC wire guide. Advance the wire guide up to the level of the aortic arch and remove the pigtail flush catheter.

2 POSITION PROXIMAL COMPONENT

Introduce the introduction system for the proximal component over the Lunderquist Extra-Stiff DC wire guide and advance until the desired graft position is reached.

Caution: To avoid twisting the graft, never rotate the introduction system. Do not advance the sheath while the graft is still within it; doing so may cause the barbs to perforate the sheath.

3 UNSHEATH THE PROXIMAL COMPONENT

While constantly monitoring graft position, withdraw the sheath until the graft is fully expanded. Continue sheath withdrawal until the valve assembly docks with the control handle.

Caution: Barbs are now exposed; limited forward advancement is possible, but retracting the device may damage the aorta.

4 RELEASE PROXIMAL COMPONENT TRIGGER WIRES

Unscrew and remove the safety lock from the green trigger-wire release mechanism. Withdraw the trigger wire slowly until the proximal end of the graft opens. Withdraw the trigger wire completely in a continuous movement to release the distal attachment to the introduction system. Make sure that all trigger wires are removed prior to withdrawal of the introduction system.

5 REMOVE INTRODUCER SHEATH FOR PROXIMAL COMPONENT

Remove the introduction system entirely, leaving the wire guide positioned in the graft.

Deployment overview* (Continued)

6 POSITION DISTAL COMPONENT

Introduce the introduction system for the distal component over the Lunderquist Extra-Stiff DC wire guide and advance until the desired position inside of the proximal component is reached. Advance the introduction system of the distal component until the collapsed stent graft inside is in its intended location, with a recommended 3-4 stent overlap (75-100 mm) with the proximal component.

Note: The stainless steel stent bodies are easily visualized under fluoroscopy.

7 UNSHEATHE DISTAL COMPONENT

While constantly monitoring graft position, withdraw the sheath until the graft is fully expanded. Continue sheath withdrawal until the valve assembly docks with the control handle.

8 RELEASE DISTAL COMPONENT TRIGGER WIRES

Using the 1-2-3 deployment sequence:

1. Unscrew and remove the trigger-wire safety lock, then withdraw and remove the white trigger-wire release mechanism **labeled #1**.
2. Unscrew and remove the safety lock on the telescoping handle **labeled #2**. Stabilize the introduction system and slide the telescoping handle together with the gray tube and outer sheath in a distal direction until it locks into position with a click.
3. Unscrew and remove the safety lock from the green trigger-wire release mechanism **labeled #3**. Withdraw these release wires in a continuous movement until the proximal end of the graft opens, continuing withdrawal until the graft is fully opened and released.

9 OPTIONAL: MOLDING BALLOON

Position molding balloon and, utilizing diluted contrast media (as directed by manufacturer), expand it in areas of the proximal covered stent, proximal component/distal component overlap, and distal fixation site, starting proximally and working in a distal direction. Confirm complete deflation of balloon prior to repositioning.

Warning: Do not inflate the balloon in aorta outside confines of the graft.

10 PERFORM FINAL FLUSH AORTOGRAM

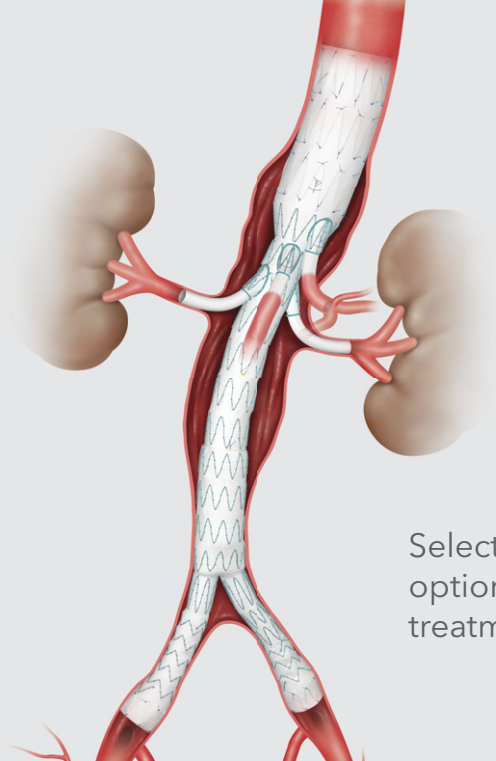
Position angiographic pigtail flush catheter just above the level of the deployed endovascular graft and perform angiography to verify:

- Correct graft position
- Patency of arch vessels and celiac plexus
- There are no endoleaks or kinks
- Position of proximal and distal gold radiopaque markers

Withdraw introducer sheath for distal component, catheters and wires. Repair vessels and close in standard surgical fashion.

Warning: To avoid entangling any in situ catheters, rotate the introduction system during withdrawal.

**This deployment overview is an outline highlighting the deployment process for the Zenith TX2 TAA Endovascular Graft. The Suggested Instructions for Use booklet should be consulted for a more thorough examination of the deployment protocol, indications, contraindications, warnings and precautions.*



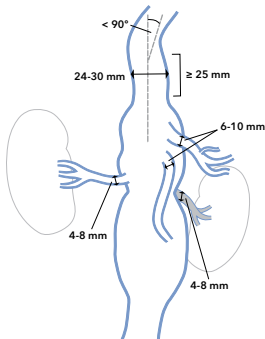
Select immediate
options for acute
treatment.

Zenith[®] t-Branch[™]

THORACOABDOMINAL ENDOVASCULAR GRAFT

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Indications for use



Indications for use	The Zenith t-Branch Thoracoabdominal Endovascular Graft is indicated for the endovascular treatment of high-risk patients with thoracoabdominal aneurysms who are not amenable to open surgical repair. The patient must have morphology suitable for endovascular repair, including: • Adequate iliac/femoral access compatible with an 8.5 O.D. (22 Fr) deliver system, • Non-aneurysmal thoracic aorta fixation segment proximal to the aneurysm: • With an angle of less than 90 degrees relative to the long axis of the aneurysm • With a length of at least 25 mm, (50 mm of wall contact is preferred) • With a diameter measured outer wall to outer wall of no greater than 30 mm and no less than 24 mm • Alternatively, the Zenith t-Branch graft may be attached to a pre-existing endovascular graft such as the Zenith TX2 Thoracic TAA Endovascular Graft. • Visceral vessel anatomy compatible with Zenith t-Branch, specifically: • Four indispensable arteries from the abdominal viscera • All target arteries to be accessible from an antegrade approach • Celiac and superior mesenteric artery (SMA) to be 6 mm to 10 mm in diameter • Renal arteries to be 4 mm to 8 mm in diameter • The distance between each cuff and the corresponding arterial orifice is less than 50 mm • The line between the cuff and the arterial orifice as projected onto the vessel wall deviates by no more than 45 degrees from the long axis of the aorta.
Length	Nonaneurysmal thoracic aorta fixation segment proximal to the aneurysm ≥ 25 mm (50 mm of wall contact is preferred)
Aortic fixation site diameter	24–30 mm (measured outer wall to outer wall)
Angulation/ Curvature	• An angle < 90 degrees relative to the long axis of the aneurysm

Indications for use (continued)

Access	Adequate iliac/femoral access compatible with an 8.5 O.D. (22 Fr) delivery system	
Introducer diameters	ID 22 Fr (7.3 mm) OD 8.5 mm	
Contraindications	• Patients with known sensitivities or allergies to stainless steel, nitinol, polyester, solder (tin, silver), polypropylene, urethane, or gold • Patients with a systemic infection who may be at increased risk of endovascular stent infection	

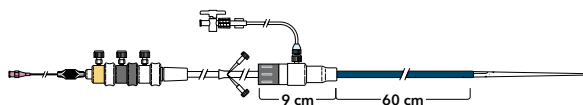
Thoracoabdominal (TAAA) endovascular graft

Order Number	Reference Part Number	Aortic Vessel OD mm	Proximal Diameter mm	Distal Diameter mm	Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
G55513	TBRANCH-34-18-202	24-30	34	18	202	22 (7.3)/8.5

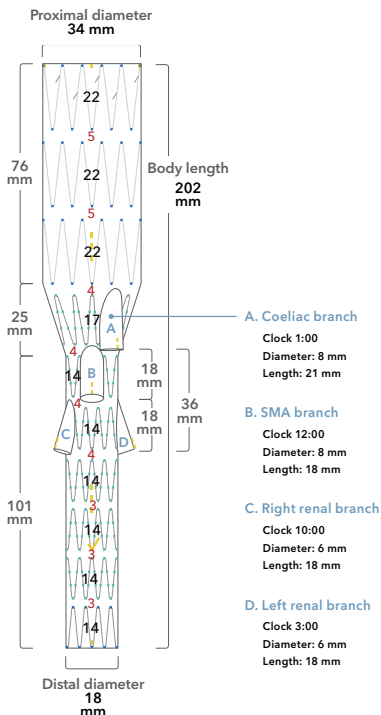
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

H&L-B One-Shot™ Introduction System for t-Branch graft

22 Fr (7.3 mm) ID/8.5 mm OD



Thoracoabdominal (TAAA) endovascular graft



TBRANCH-XX-YY-ZZZ

TBRANCH-(proximal diameter)-(distal diameter)-(body length)

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

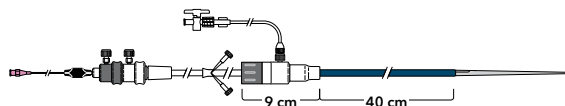
Universal distal body grafts

Order Number	Reference Part Number	Proximal Diameter mm	Distal Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
G55563	UNIBODY-22-81	22	81	20 (6.7)/7.7
G55564	UNIBODY-22-98	22	98	20 (6.7)/7.7
G55565	UNIBODY-22-115	22	115	20 (6.7)/7.7
G55566	UNIBODY-22-132	22	132	20 (6.7)/7.7

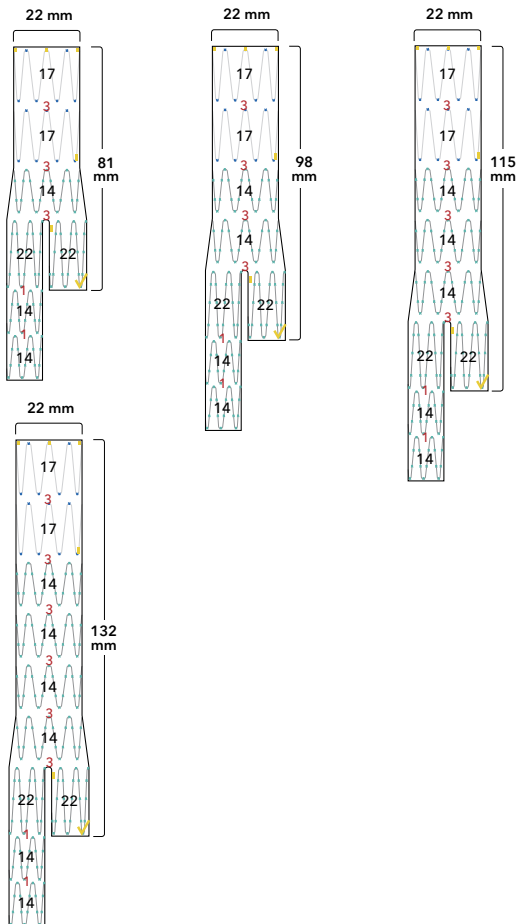
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

H&L-B One-Shot™ Introduction System for universal distal body grafts

20 Fr (6.7 mm) ID/7.7 mm OD



Universal distal body grafts



UNIBODY-XX-YY

UNIBODY-(proximal diameter)-(distal body length)

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

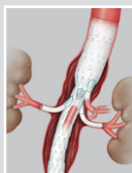
Contralateral and ipsilateral iliac legs:

Refer to **pages 50-56** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Achieve proven
proximal conformity
and apposition.



Zenith TX2 TAA Endovascular
Graft with Pro-Form

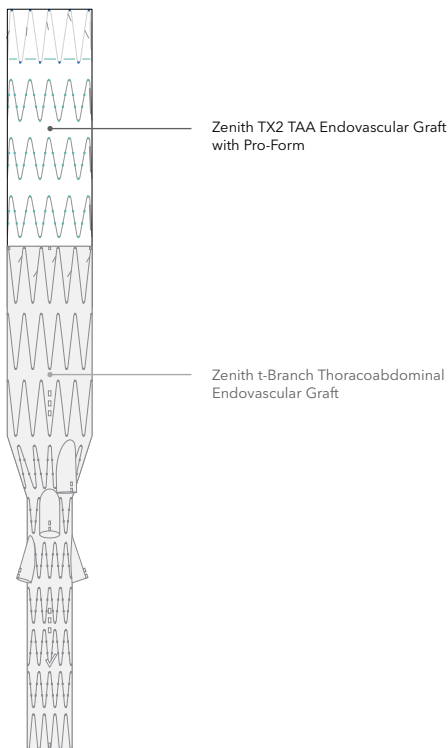


Compatible with
Zenith® t-Branch™
Thoracoabdominal
Endovascular Graft

Zenith® TX2® TAA Endovascular Graft with Pro-Form®

Zenith® TX2® TAA Endovascular Graft with Pro-Form®

Compatible with Zenith® t-Branch™ Thoracoabdominal Endovascular Graft



Zenith TX2 TAA Endovascular Graft with Pro-Form proximal components

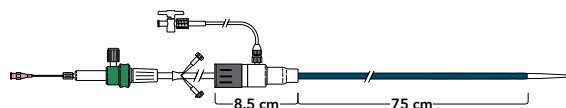
Order Number	Reference Part Number	Component Type	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath OD Fr (mm)/mm
34 mm Diameter						
G53427	ZTEG-2P-34-127-PF-US	2P	30	34	127	20 (6.7)/7.7
G53428	ZTEG-2P-34-152-PF-US	2P	30	34	152	20 (6.7)/7.7
G53429	ZTEG-2P-34-202-PF-US	2P	30	34	202	20 (6.7)/7.7
36 mm Diameter						
G53430	ZTEG-2P-36-127-PF-US	2P	31-32	36	127	22 (7.3)/8.5
G53431	ZTEG-2P-36-152-PF-US	2P	31-32	36	152	22 (7.3)/8.5
G53432	ZTEG-2P-36-202-PF-US	2P	31-32	36	202	22 (7.3)/8.5
38 mm Diameter						
G53433	ZTEG-2P-38-127-PF-US	2P	33-34	38	127	22 (7.3)/8.5
G53434	ZTEG-2P-38-152-PF-US	2P	33-34	38	152	22 (7.3)/8.5
G53435	ZTEG-2P-38-202-PF-US	2P	33-34	38	202	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Plus® Introduction System for proximal components

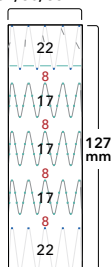
34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-38 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD

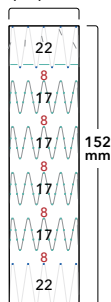


Zenith TX2 TAA Endovascular Graft with Pro-Form proximal components

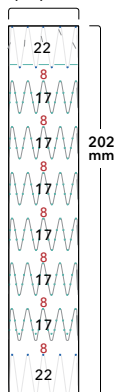
34, 36, 38 mm



34, 36, 38 mm



34, 36, 38 mm



ZTEG-2P-XX-YYY-PF-US

ZTEG-2P-(diameter)-(length)-PF-US

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Note: The part numbers indicated are compatible with the Zenith t-Branch Thoracoabdominal Endovascular Graft.

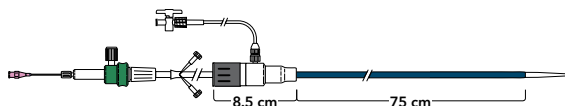
Zenith TX2 TAA Endovascular Graft with Pro-Form Proximal 4 mm tapered components

Order Number	Reference Part Number	Component Type	Aortic Vessel OD mm	Proximal Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
38 mm Diameter						
G53448	ZTEG-2PT-38-152-PF-US	2PT	33-34	38	152	22 (7.3)/8.5
G53449	ZTEG-2PT-38-202-PF-US	2PT	33-34	38	202	22 (7.3)/8.5
40 mm Diameter						
G53450	ZTEG-2PT-40-158-PF-US	2PT	35-36	40	158	22 (7.3)/8.5
G53451	ZTEG-2PT-40-208-PF-US	2PT	35-36	40	208	22 (7.3)/8.5
42 mm Diameter						
G53452	ZTEG-2PT-42-158-PF-US	2PT	37-38	42	158	22 (7.3)/8.5
G53453	ZTEG-2PT-42-208-PF-US	2PT	37-38	42	208	22 (7.3)/8.5

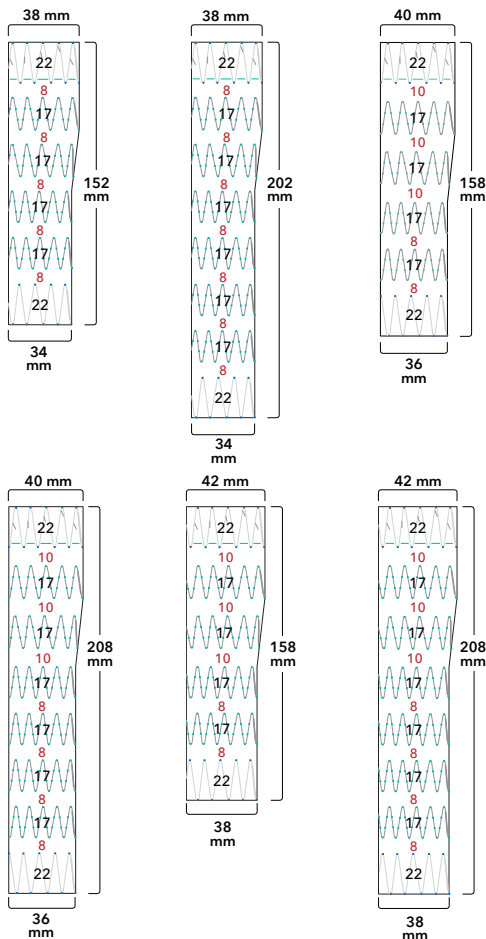
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak Plus Introduction System for proximal 4 mm tapered components

38-42 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD



Zenith TX2 TAA Endovascular Graft with Pro-Form proximal 4 mm tapered components



ZTEG-2PT-XX-YYY-PF-US

ZTEG-2PT-(proximal diameter)-(length)-PF-US

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Note: The part numbers indicated are compatible with the Zenith t-Branch Thoracoabdominal Endovascular Graft.

Zenith TX2 TAA Endovascular Graft with Pro-Form proximal extensions

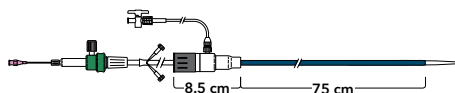
Order Number	Reference Part Number	Component Type	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
34 mm Diameter						
G53457	TBE-34-77-PF-US	TBE	30	34	77	20 (6.7)/7.7
36 mm Diameter						
G53458	TBE-36-77-PF-US	TBE	31-32	36	77	22 (7.3)/8.5
38 mm Diameter						
G53459	TBE-38-77-PF-US	TBE	33-34	38	77	22 (7.3)/8.5

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

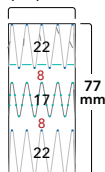
Z-Trak Plus® Introduction System for proximal extensions

34 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

36-38 mm grafts: 22 Fr (7.3 mm) ID/8.5 mm OD



34, 36, 38 mm

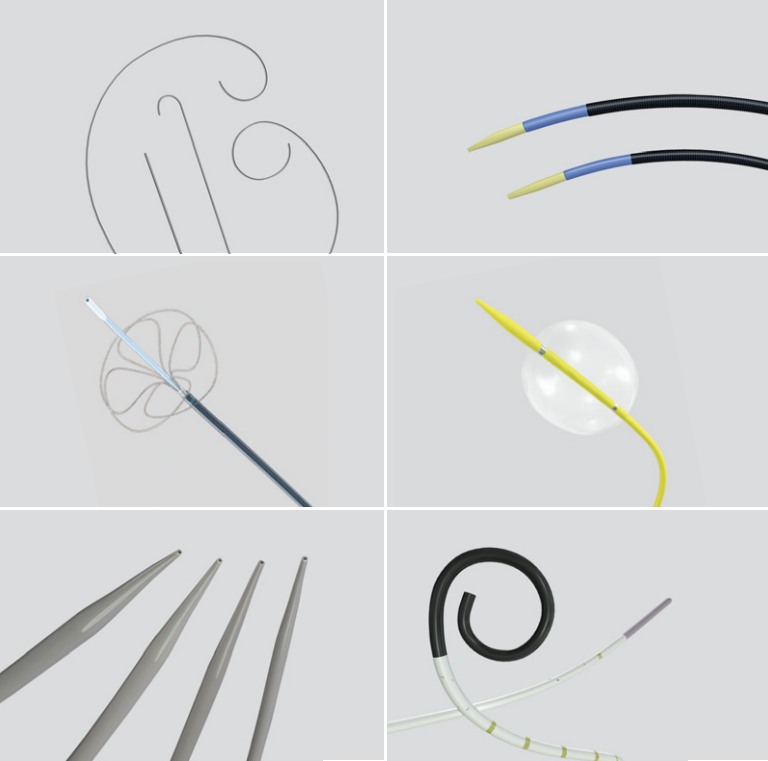


TBE-XX-YY-PF-US

TBE-(diameter)-(length)-PF-US

Note: All measurements are in millimetres. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Note: The part numbers indicated are compatible with the Zenith t-Branch Thoracoabdominal Endovascular Graft.



Accessories for endovascular procedures

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Contact your local Cook Medical Aortic Intervention or Peripheral Intervention representative for a more comprehensive list of accessory products.

Percutaneous Entry Thinwall Needle–One-Part



Order Number	Reference Part Number	Accepts Wire Guide Diameter inch	Gage	Length cm
G00166	SDN-18-7.0	.035/.038	18	7

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

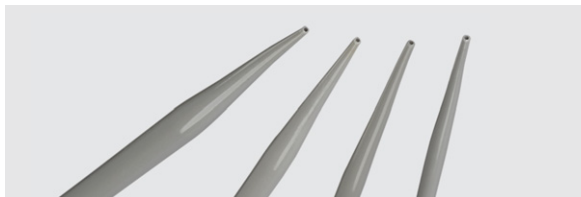
Micropuncture® Introducer Sets



Order Number	Reference Part Number	Catheter OD Fr/cm	Wire Guide Diameter/Length inch/cm	Needle Gage/Length cm
Stiffened Cannula – Nitinol Wire Guide with Platinum Tip				
G48007	MPIS-501-10.0-SC-NT-SST	5/10	.018/40	21/7
.018 inch Stainless Steel Wire Guide – Standard Cannula				
G43869	MPIS-501-U-SST	5/10	.018/40	21/7

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

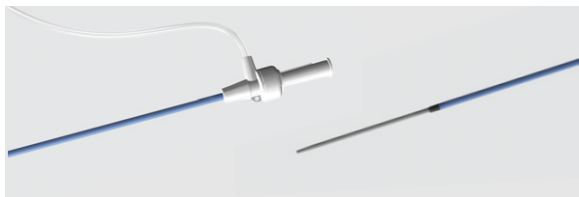
Endovascular Dilator Sets



Order Number	Reference Part Number	Accepts Wire Guide Diameter inch	Fr	Length cm	Hydrophilic Coated
G52833	JCDS-14-EDS-HC	.035	14	45	yes
G52834	JCDS-1618-EDS-HC	.035	16, 18	45	yes
G52835	JCDS-2022-EDS-HC	.035	20, 22	45	yes
G52836	JCDS-2426-EDS-HC	.035	24, 26	45	yes

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Performer™ Introducers



Order Number	Reference Part Number	Introducer Fr*	Accepts Wire Guide Diameter inch	Wire Guide Tip Config.	Sheath Length cm	Dilator Length cm
Standard with Wire Guide						
G07605	RCF-5.0-35-J	5.0	.035	3 mm J	13	20
G07376	RCF-6.0-35-J	6.0	.035	3 mm J	13	20
G07377	RCF-7.0-35-J	7.0	.035	3 mm J	13	20
G07487	RCF-5.0-38-J	5.0	.038	3 mm J	13	20
G07337	RCF-6.0-38-J	6.0	.038	3 mm J	13	20
G07338	RCF-7.0-38-J	7.0	.038	3 mm J	13	20
G07490	RCF-8.0-38-J	8.0	.038	3 mm J	13	20
Standard without Wire Guide						
G07427	RCFW-5.0-35	5.0	.035	-	13	20
G07428	RCFW-5.0-38	5.0	.038	-	13	20
G07548	RCFW-5.5-38	5.5	.038	-	13	20
G07420	RCFW-6.0-38	6.0	.038	-	13	20
G07431	RCFW-7.0-38	7.0	.038	-	13	20
G07432	RCFW-8.0-38	8.0	.038	-	13	20
Standard with Radiopaque Band without Wire Guide						
G08452	RCFW-5.0-35-RB	5.0	.035	-	13	20
G07919	RCFW-6.0-35-RB	6.0	.035	-	13	20
G09118	RCFW-7.0-35-RB	7.0	.035	-	13	20

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

**Determine the maximum diameter of the instrument or catheter to be introduced to ensure its passage through the sheath.*

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Flexor® High-Flex Ansel Guiding Sheaths

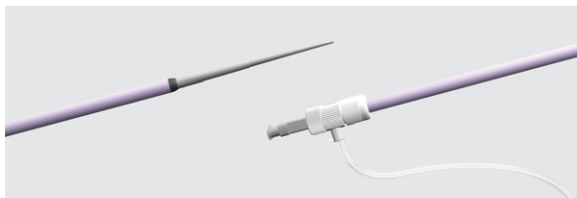


Order Number	Reference Part Number	Introducer ID Fr/mm*	Introducer OD Fr/mm	Accepts Wire Guide Diameter inch	Sheath Length cm	Curve
Standard Without Wire Guide						
G49043	KCFW-7.0-35-55-RB-HFANL1-HC	7/2.54	8.8/3.15	.035	55	ANL1
G49044	KCFW-7.0-35-110-RB-HFANL1-HC	7/2.54	8.8/3.15	.035	110	ANL1
G49045	KCFW-8.0-35-55-RB-HFANL1-HC	8/2.87	9.8/3.48	.035	55	ANL1
G49046	KCFW-8.0-35-110-RB-HFANL1-HC	8/2.87	9.8/3.48	.035	110	ANL1
G47700	KCFW-10.0-35-45-RB-HFANL1-HC	10/3.4	11.4/3.98	.035	45	ANL1
G47701	KCFW-12.0-35-45-RB-HFANL1-HC	12/4.11	13.4/4.75	.035	45	ANL1

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

**Determine the maximum diameter of the instrument or catheter that you are introducing in order to ensure its passage through the sheath.*

Large Check-Flo® Performer™ Introducers with Radiopaque Band



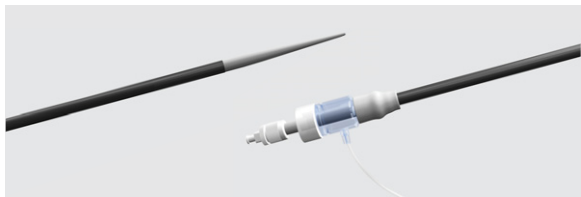
Order Number	Reference Part Number	Introducer Fr*	Accepts Wire Guide Diameter inch	Sheath Length cm	Dilator Length cm
G09691	RCFW-16.0P-38-30-RB	16.0	.038	30	42
G27023	RCFW-16.0P-38-35-RB	16.0	.038	35	47
G09582	RCFW-16.0P-38-70-RB	16.0	.038	70	82
G11672	RCFW-18.0P-38-30-RB	18.0	.038	30	42
G10626	RCFW-18.0P-38-40-RB	18.0	.038	40	52
G27025	RCFW-18.0P-38-85-RB	18.0	.038	85	97

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

**Determine the maximum diameter of the instrument or catheter to be introduced to ensure its passage through the sheath.*

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Check-Flo® Extra-Large Introducers



Order Number	Reference Part Number	Introducer Fr*	Accepts Wire Guide Diameter inch	Sheath Length cm	Dilator Length cm
G12830	XVCFW-20.0-35-40	20	.035	40	56
G12834	XVCFW-20.0-35-65	20	.035	65	81
G12831	XVCFW-22.0-35-25	22	.035	25	41
G12832	XVCFW-22.0-35-65	22	.035	65	81
G12833	XVCFW-24.0-35-65	24	.035	65	81

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

**Determine the maximum diameter of the instrument or catheter that you are introducing in order to ensure its passage through the sheath.*

CXI® Support Catheters



Order Number	Reference Part Number	Fr	Accepts Wire Guide Diameter inch	Sheath Length cm	Tip Configuration
With Tungsten Marker Bands					
G18368	CXI-2.6-18-65-P-NS-ANG	2.6	.018	65	ANG
G18367	CXI-2.6-18-65-P-NS-0	2.6	.018	65	straight
G50002	CXI-2.6-18-90-P-NS-ANG	2.6	.018	90	ANG
G50004	CXI-2.6-18-90-P-NS-0	2.6	.018	90	straight
G50003	CXI-2.6-18-150-P-NS-ANG	2.6	.018	150	ANG
G50001	CXI-2.6-18-150-P-NS-0	2.6	.018	150	straight
G52547	CXI-4.0-35-90-P-NS-DAV	4.0	.035	90	DAV
G52546	CXI-4.0-35-90-P-NS-0	4.0	.035	90	straight
G52543	CXI-4.0-35-135-P-NS-DAV	4.0	.035	135	DAV
G52542	CXI-4.0-35-135-P-NS-0	4.0	.035	135	straight
G52545	CXI-4.0-35-150-P-NS-DAV	4.0	.035	150	DAV
G52544	CXI-4.0-35-150-P-NS-0	4.0	.035	150	straight

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

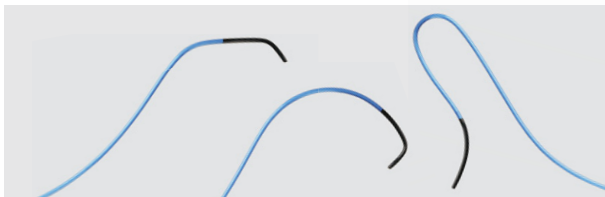
CrossCath® Support Catheters



Order Number	Reference Part Number	Proximal/ Distal Fr	Accepts Wire Guide Diameter inch	Length cm	Tip Configuration
With Hydrophilic Coating on Distal 40 cm					
G18497	CXC3.4-2.2-18-65-P-NS-0	3.4/2.2	.018	65	straight
G51575	CXC3.4-2.2-18-90-P-NS-0	3.4/2.2	.018	90	straight
G51583	CXC3.4-2.2-18-135-P-NS-0	3.4/2.2	.018	135	straight
G51577	CXC3.4-2.2-18-150-P-NS-0	3.4/2.2	.018	150	straight
With Hydrophilic Coating on Distal 60 cm					
G18499	CXC4.8-3.7-35-65-P-NS-0	4.8/3.7	.035	65	straight
G51580	CXC4.8-3.7-35-90-P-NS-0	4.8/3.7	.035	90	straight
G51581	CXC4.8-3.7-35-135-P-NS-0	4.8/3.7	.035	135	straight
G51582	CXC4.8-3.7-35-150-P-NS-0	4.8/3.7	.035	150	straight

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Slip-Cath® Beacon® Tip Angiographic Catheters

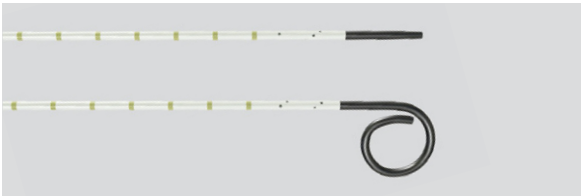


Order Number	Reference Part Number	Fr	Accepts Wire Guide Diameter inch	Length cm
G11992	SCBR5.0-38-100-P-NS-SIM2	5.0	.038	100
G11994	SCBR5.0-38-65-P-NS-C2	5.0	.038	65
G11995	SCBR5.0-38-65-P-NS-RIM	5.0	.038	65
G11996	SCBR5.0-38-100-P-NS-DAV	5.0	.038	100
G12000	SCBR5.0-38-100-P-NS-SIM1	5.0	.038	100
G12007	SCBR5.0-38-100-P-NS-VERT	5.0	.038	100
G12009	SCBR5.0-38-65-P-NS-0	5.0	.038	65
G12156	SCBR5.0-38-65-P-NS-KMP	5.0	.038	65
G36320	SCBR5.0-38-65-P-NS-TC	5.0	.038	65
G36322	SCBR5.0-38-65-P-NS-TC-BNK	5.0	.038	65
G13431	SCBR5.0-38-80-P-NS-VS	5.0	.038	80
G12006	SCBR5.0-38-80-P-NS-C2	5.0	.038	80

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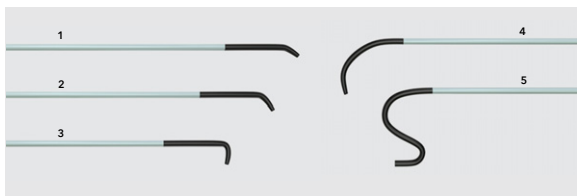
Aurous™ Centimeter Sizing Catheters



Order Number	Reference Part Number	Fr	Accepts Wire Guide	Length cm	Side-ports	Number of Bands/ Placement Interval cm
			Diameter inch			
Pigtail						
G31215	NR5.0-35-70-P-10S-PIG-CSC-20	5	.035	70	10	21/1
G31216	NR5.0-35-100-P-10S-PIG-CSC-20	5	.035	100	10	21/1
Straight						
G31213	NR5.0-35-70-P-10S-0-CSC-20	5	.035	70	10	21/1
G31214	NR5.0-35-100-P-10S-0-CSC-20	5	.035	100	10	21/1

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Van Schie Beacon® Tip Seeking Catheters

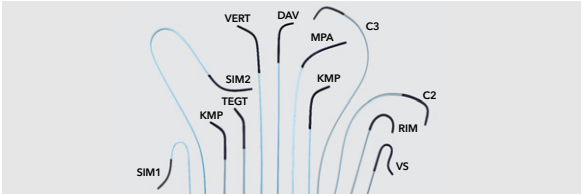


Order Number	Reference Part Number	Fr	Accepts Wire Guide Diameter inch	Length cm
G13795	HNBR5.0-35-65-P-NS-VANSCHIE1	5.0	.035	65
G13794	HNBR5.0-35-65-P-NS-VANSCHIE2	5.0	.035	65
G13792	HNBR5.0-35-65-P-NS-VANSCHIE3	5.0	.035	65
G13783	HNBR5.0-35-65-P-NS-VANSCHIE4	5.0	.035	65
G13793	HNBR5.0-35-65-P-NS-VANSCHIE5	5.0	.035	65

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Beacon® Tip Torcon NB® Advantage Angiographic Catheters



Order Number	Reference Part Number	Fr	Accepts Wire Guide Diameter inch	Length cm	Tip Configuration
G08422	HNBR5.0-35-100-P-NS-SIM2	5.0	.035	100	SIM2
G08444	HNBR5.0-35-65-P-NS-RIM	5.0	.035	65	RIM
G08442	HNBR5.0-35-65-P-NS-C2	5.0	.035	65	C2
G08443	HNBR5.0-35-65-P-NS-C3	5.0	.035	65	C3
G08471	HNBR5.0-35-100-P-NS-SIM1	5.0	.035	100	SIM1
G08699	HNBR5.0-35-100-P-NS-DAV	5.0	.035	100	DAV
G08581	HNBR5.0-38-100-P-NS-DAV	5.0	.038	100	DAV
G11377	HNBR5.0-38-65-P-NS-TEGT	5.0	.038	65	TEGT
G11209	HNBR5.0-38-80-P-NS-VS	5.0	.038	80	VS
G11484	HNBR5.0-38-100-P-NS-VERT	5.0	.038	100	VERT

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Tornado® Platinum Embolization Coils



Order Number	Reference Part Number	Recommended Catheter ID and End Hole Diameter inch	Extended Embolus Length cm	Coiled Embolus Tapering Diameter mm
.035 Inch Coils				
G10414	MWCE-35-4/3-TORNADO	.035	2.6	4-3
G10415	MWCE-35-5/3-TORNADO	.035	4.1	5-3
G10416	MWCE-35-6/3-TORNADO	.035	5.8	6-3
G10417	MWCE-35-7/3-TORNADO	.035	8	7-3
G10411	MWCE-35-8/4-TORNADO	.035	8	8-4
G10412	MWCE-35-8/5-TORNADO	.035	8.2	8-5
G10428	MWCE-35-10/4-TORNADO	.035	12.5	10-4
G10413	MWCE-35-10/5-TORNADO	.035	12.5	10-5

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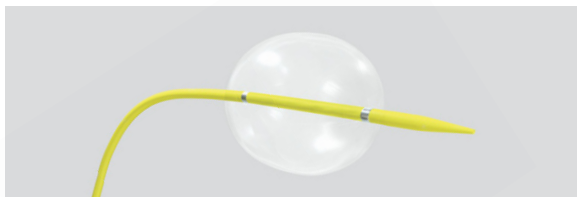
Nester® Platinum Embolization Coils



Order Number	Reference Part Number	Recommended Catheter ID and End Hole Diameter inch	Extended Embolus Length cm	Coiled Embolus Diameter mm	Approximate Number of Loops
.035 Inch Coils					
G52742	MWCE-35-7-4-NESTER	.035	7	4	5.6
G52743	MWCE-35-7-6-NESTER	.035	7	6	3.7
G52744	MWCE-35-7-8-NESTER	.035	7	8	2.8
G52745	MWCE-35-7-10-NESTER	.035	7	10	2.2
G52746	MWCE-35-7-12-NESTER	.035	7	12	1.9
G52747	MWCE-35-7-14-NESTER	.035	7	14	1.6
G52748	MWCE-35-7-16-NESTER	.035	7	16	1.4
G52749	MWCE-35-7-18-NESTER	.035	7	18	1.2
G52750	MWCE-35-7-20-NESTER	.035	7	20	1.1
G26993	MWCE-35-14-4-NESTER	.035	14	4	11.1
G26994	MWCE-35-14-6-NESTER	.035	14	6	7.4
G26995	MWCE-35-14-8-NESTER	.035	14	8	5.6
G26991	MWCE-35-14-10-NESTER	.035	14	10	4.5
G26992	MWCE-35-14-12-NESTER	.035	14	12	3.7
G52751	MWCE-35-14-14-NESTER	.035	14	14	3.2
G52752	MWCE-35-14-16-NESTER	.035	14	16	2.8
G52753	MWCE-35-14-18-NESTER	.035	14	18	2.5
G52754	MWCE-35-14-20-NESTER	.035	14	20	2.2
G52755	MWCE-35-20-18-NESTER	.035	20	18	3.5
G52756	MWCE-35-20-20-NESTER	.035	20	20	3.2

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Coda® Balloon Catheters



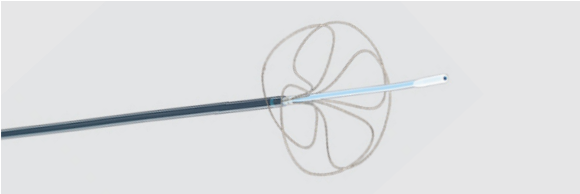
Order Number	Reference Part Number	Catheter Fr/Length Fr/cm	Recommended Introducer Fr
G03832	CODA-2-9.0-35-100-32	9/100	12
G03831	CODA-2-9.0-35-120-32	9/120	12
G23773	CODA-2-10.0-35-140-46*	10/140	14

Accepts Wire Guide Diameter inch	Balloon Maximum Inflated Diameter mm	Balloon Maximum Inflation Volume mL
.035	32	30
.035	32	30
.035	46	60

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**The 46 mm Coda Balloon Catheter should not be used in vessels < 24 mm in diameter or for expansion of vascular prostheses within iliac or other nonaortic vessels.*

Indy OTW™ Vascular Retrievers



Order Number	Reference Part Number	Sheath OD Fr	Accepts Wire Guide Diameter inch	Sheath Length cm	Basket Diameter mm
G51835	INDY-8.0-35-55-40	8.0	.035	55	40
G51836	INDY-8.0-35-100-40	8.0	.035	100	40

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Vascular Retrieval Forceps



Order Number	Reference Part Number	Fr	Length cm
G07187	VRF-3.0-120	3.0	120

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Roadrunner® UniGlide® Hydrophilic Wire Guides



Order Number	Reference Part Number	Wire Guide Diameter inch	Wire Guide Length cm
Standard Shaft – Straight Tip			
G56150	HPW-35-180	.035	180
G30502	HPW-35-260	.035	260
Standard Shaft – Angled Tip			
G56174	HPWA-35-180	.035	180
G30492	HPWA-35-260	.035	260
Stiff Shaft – Straight Tip			
G56153	HPWS-35-180	.035	180
G30496	HPWS-35-260	.035	260
Stiff Shaft – Angled Tip			
G56177	HPWAS-35-180	.035	180
G30506	HPWAS-35-260	.035	260

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Safe-T-J® Rosen Curved Wire Guides



Order Number	Reference Part Number	Diameter inch	Length cm	Tip Curve Radius mm
Curved – PTFE Coated Stainless Steel				
G01261	THSCF-35-145-1.5-ROSEN	.035	145	1.5
G01264	THSCF-35-180-1.5-ROSEN	.035	180	1.5
PTFE Coated Stainless Steel with Heparin Coating				
G01382	THSCF-35-145-1.5-ROSEN-BH	.035	145	1.5
G01428	THSCF-35-180-1.5-ROSEN-BH	.035	180	1.5
Exchange Wires–Curved – PTFE Coated Stainless Steel				
G01253	THSCF-35-260-1.5-ROSEN	.035	260	1.5
PTFE Coated Stainless Steel with Heparin Coating				
G02246	THSCF-35-260-1.5-ROSEN-BH	.035	260	1.5

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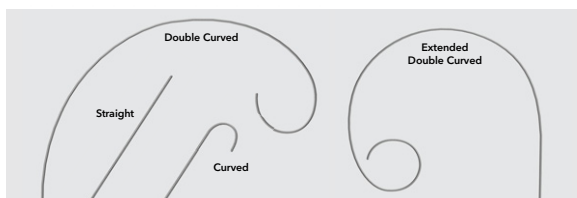
Bentson Wire Guides



Order Number	Reference Part Number	Diameter inch	Length cm	Flexible Tip Length cm	Distal Floppy Segment cm
Exchange Straight – PTFE Coated Stainless Steel with Heparin Coating					
G01062	TSFB-35-260-BH	.035	260	20	6
Straight – PTFE Coated Stainless Steel with Heparin Coating					
G01431	TSFB-35-180-BH	.035	180	20	6

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Lunderquist® Extra-Stiff Wire Guides



Order Number	Reference Part Number	Diameter inch	Length cm	Flexible Tip Length cm	Tip Curve Radius mm	Coil Length cm
Straight Exchange – PTFE-Coated Stainless Steel						
G31453	TSMG-35-260-LES	.035	260	4	straight	15
G45352	TSMG-35-300-LES	.035	300	4	straight	15
Curved Exchange – PTFE-Coated Stainless Steel						
G45353	TSCMG-35-260-7-LES	.035	260	4	7.5	15
G45407	TSCMG-35-300-7-LES	.035	300	4	7.5	15
Order Number	Reference Part Number	Diameter inch	Length cm	Flexible Tip Length cm	Primary/ Secondary Curve Radius mm	Coil Length cm
Double Curved Exchange – PTFE-Coated Stainless Steel						
G45208	TSCMG-35-260-LESDC	.035	260	4	75/15	15
G45408	TSCMG-35-300-LESDC	.035	300	4	75/15	15
Extended Double Curved Exchange – PTFE-Coated Stainless Steel						
G53967	TSCMG-35-260-E-LESDC	.035	260	4	55/15	15
G53971	TSCMG-35-300-E-LESDC	.035	300	4	55/15	15

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Amplatz Support Wire Guides



Order Number	Reference Part Number	Wire Guide Diameter inch	Wire Guide Length cm	Taper Length cm	Floppy Tip Length cm
Amplatz Ultra-Stiff 2 - Straight - PTFE-Coated Stainless Steel					
G19854	THSF-35-260-AUS2	.035	260	13.5	6.5
3 mm J Curved - PTFE-Coated Stainless Steel					
G20320	THSCF-35-260-3-AUS2	.035	260	13.5	6.5
Amplatz Extra-Stiff - Straight - PTFE-Coated Stainless Steel					
G23639	THSF-35-180-AES-ST	.035	180	7	1
G23640	THSF-35-260-AES-ST	.035	260	7	1
G23641	THSF-35-300-AES-ST	.035	300	7	1

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