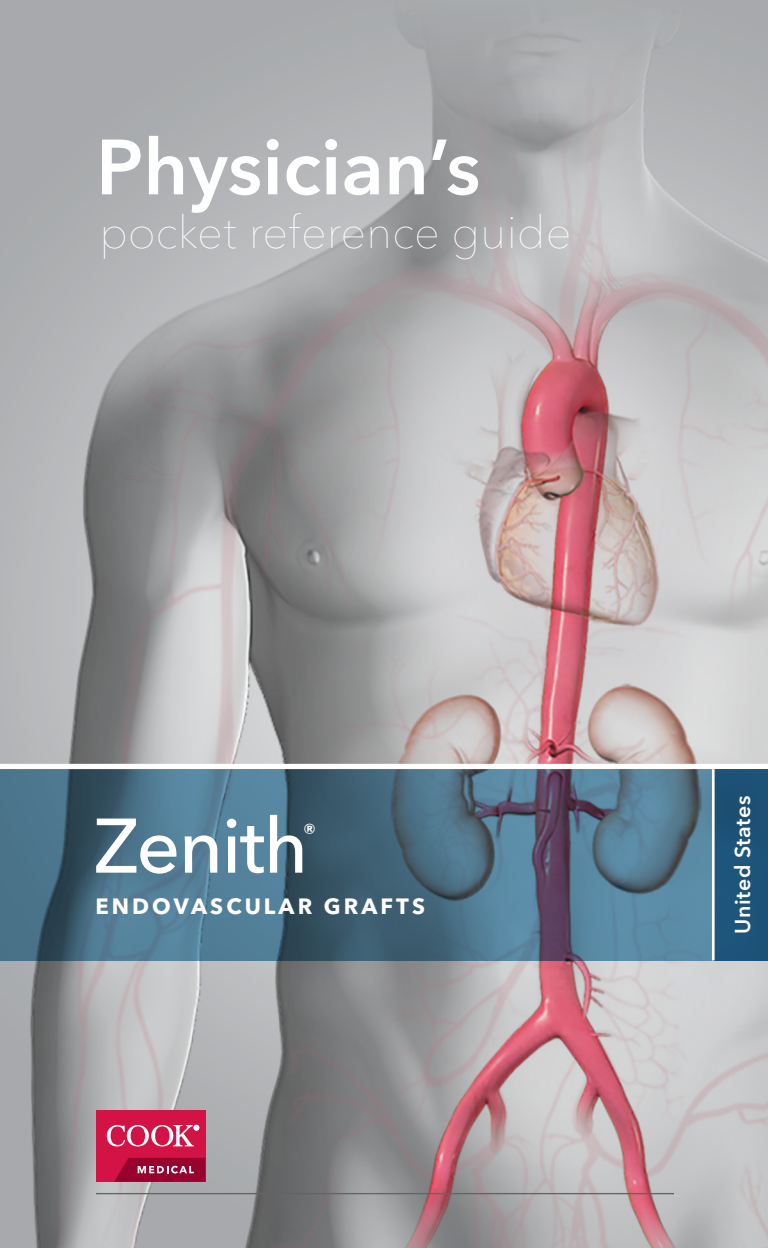




Physician's

pocket reference guide

Zenith[®]
ENDOVASCULAR GRAFTS

United States

COOK[®]
MEDICAL

Achieving
a durable
aortic repair
is the
foundation
of the
Zenith design
philosophy.

CAUTION: Federal (USA) law restricts the use of these devices to sale by or on the order of a physician. View the Instructions for Use for a thorough examination of the procedural instructions, intended use, contraindications, warnings and precautions and potential adverse events. Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

For complete instructions for use (IFUs), go to ifu.cookmedical.com/ifuPub/searchIFU.jsf.

Additional information may be found at cookmedical.com/aortic-intervention or zenithalphathoracic.cookmedical.com.

Endovascular grafts

Thoracic

Zenith Alpha™ Thoracic (includes deployment overview).....	7
--	---

Visceral

Zenith® Fenestrated	27
---------------------------	----

Abdominal

Zenith Flex® (includes deployment overview)	39
---	----

Zenith Renu®	51
--------------------	----

Iliac Legs

Zenith® Spiral-Z®	57
-------------------------	----

Accessories for endovascular procedures

Access

Percutaneous Entry Thinwall Needle—One-Part	66
---	----

Micropuncture® Introducer Sets.....	67
-------------------------------------	----

Dilators and Introducers

Endovascular Dilator Sets.....	68
--------------------------------	----

Performer Introducers	69
-----------------------------	----

Flexor® Ansel Guiding Sheaths with High-Flex Dilator	70
--	----

Large Check-Flo Performer® Introducers with Radiopaque Band.....	71
--	----

Check-Flo® Extra-Large Introducers	72
--	----

Catheters

CXI® Support Catheters.....	73
-----------------------------	----

CrossCath® Support Catheters.....	74
-----------------------------------	----

Slip-Cath® Beacon® Tip Hydrophilic Angiographic Catheters.....	75
--	----

Aurous™ Centimeter Sizing Catheters.....	76
--	----

Beacon® Tip Seeking Catheters	77
-------------------------------------	----

Beacon® Tip Torcon NB® Advantage Angiographic Catheters.....	78
--	----

Embolization Coils

Tornado® Platinum Embolization Coils	79
--	----

Nester® Platinum Embolization Coils	80
---	----

Balloon Catheters

Coda® Balloon Catheter	81
------------------------------	----

Coda® LP Balloon Catheters	82
----------------------------------	----

Vascular Retriever

Indy OTW™ Vascular Retrievers.....	83
------------------------------------	----

Wire Guides

Roadrunner® UniGlide® Hydrophilic Wire Guides	84
---	----

Safe-T-J® Rosen Catheter Exchange Wire Guides.....	85
--	----

Bentson Fixed Core Wire Guides	86
--------------------------------------	----

Lunderquist® Extra-Stiff Wire Guides.....	87
---	----

Amplatz Support Wire Guides.....	88
----------------------------------	----



Zenith Thoracic Endovascular Grafts



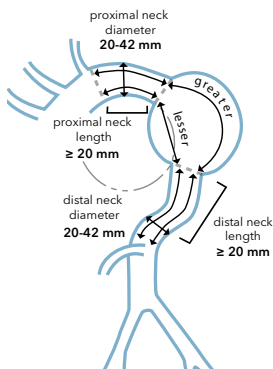
Zenith Alpha™

THORACIC ENDOVASCULAR GRAFT



Indications for Use

Aneurysm or ulcer



Indications for Use	The Zenith Alpha™ Thoracic Endovascular Graft 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: • Iliac/femoral anatomy that is suitable for access with the required introduction systems • Nonaneurysmal aortic segments (fixation sites) proximal and distal to the thoracic 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 20 mm		
Length	Nonaneurysmal aortic necks proximal and distal to the aneurysms, ulcers with a length ≥ 20 mm		
Aortic Fixation Site Diameter	20-42 mm (measured outer wall to outer wall)		
Angulation/ Curvature	• A radius of curvature ≥ 20 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	24-30 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 who have a condition that threatens to infect the endovascular graft.		

Proximal Components

Order Number	Reference Part Number	Aortic Vessel OD mm	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
24 mm Diameter					
G35333	ZTA-P-24-105-W	20-21	24	105	16 (5.3)/6.0
26 mm Diameter					
G35335	ZTA-P-26-105-W	22-23	26	105	16 (5.3)/6.0
28 mm Diameter					
G35337	ZTA-P-28-109-W	24-25	28	109	16 (5.3)/6.0
G35339	ZTA-P-28-155-W	24-25	28	155	16 (5.3)/6.0
G35340	ZTA-P-28-201-W	24-25	28	201	16 (5.3)/6.0
30 mm Diameter					
G35341	ZTA-P-30-109-W	26-27	30	109	16 (5.3)/6.0
G35343	ZTA-P-30-155-W	26-27	30	155	16 (5.3)/6.0
G35344	ZTA-P-30-201-W	26-27	30	201	16 (5.3)/6.0
32 mm Diameter					
G35345	ZTA-P-32-109-W	28-29	32	109	18 (6.0)/7.1
G35347	ZTA-P-32-155-W	28-29	32	155	18 (6.0)/7.1
G35348	ZTA-P-32-201-W	28-29	32	201	18 (6.0)/7.1
34 mm Diameter					
G35349	ZTA-P-34-113-W	30	34	113	18 (6.0)/7.1
G35351	ZTA-P-34-161-W	30	34	161	18 (6.0)/7.1
G35352	ZTA-P-34-209-W	30	34	209	18 (6.0)/7.1
36 mm Diameter					
G35353	ZTA-P-36-113-W	31-32	36	113	18 (6.0)/7.1
G35355	ZTA-P-36-161-W	31-32	36	161	18 (6.0)/7.1
G35356	ZTA-P-36-209-W	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					
G35357	ZTA-P-38-117-W	33-34	38	117	18 (6.0)/7.1
G35359	ZTA-P-38-167-W	33-34	38	167	18 (6.0)/7.1
G35360	ZTA-P-38-217-W	33-34	38	217	18 (6.0)/7.1
40 mm Diameter					
G35361	ZTA-P-40-117-W	35-36	40	117	20 (6.7)/7.7
G35363	ZTA-P-40-167-W	35-36	40	167	20 (6.7)/7.7
G35364	ZTA-P-40-217-W	35-36	40	217	20 (6.7)/7.7
42 mm Diameter					
G35365	ZTA-P-42-121-W	37-38	42	121	20 (6.7)/7.7
G35367	ZTA-P-42-173-W	37-38	42	173	20 (6.7)/7.7
G35368	ZTA-P-42-225-W	37-38	42	225	20 (6.7)/7.7
44 mm Diameter					
G35369	ZTA-P-44-125-W	39	44	125	20 (6.7)/7.7
G35371	ZTA-P-44-179-W	39	44	179	20 (6.7)/7.7
G35372	ZTA-P-44-233-W	39	44	233	20 (6.7)/7.7
46 mm Diameter					
G35373	ZTA-P-46-125-W	40-42	46	125	20 (6.7)/7.7
G35375	ZTA-P-46-179-W	40-42	46	179	20 (6.7)/7.7
G35376	ZTA-P-46-233-W	40-42	46	233	20 (6.7)/7.7

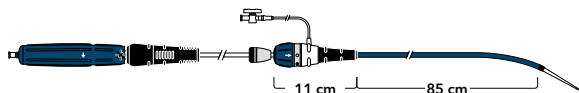
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction System for Proximal Components

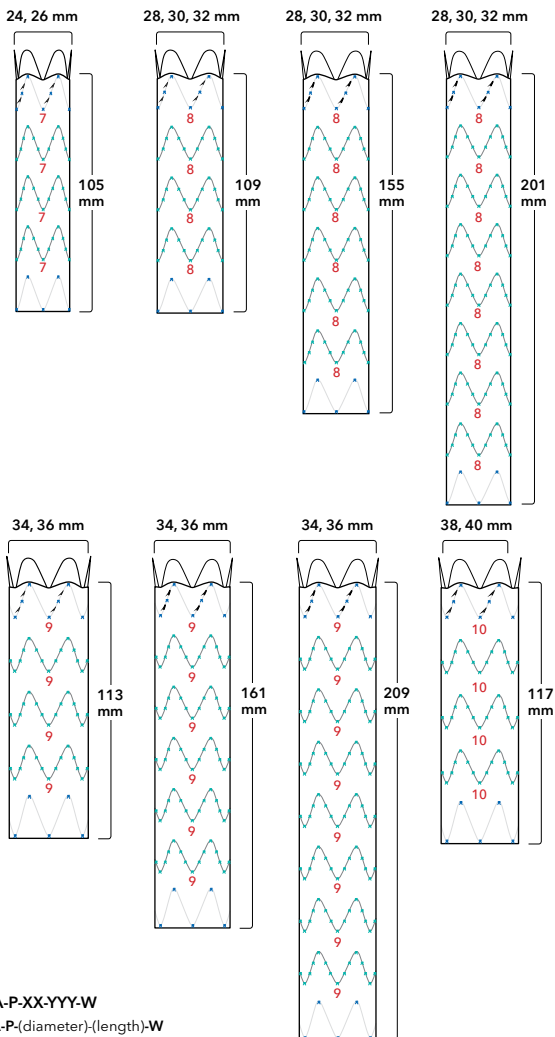
24-30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

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

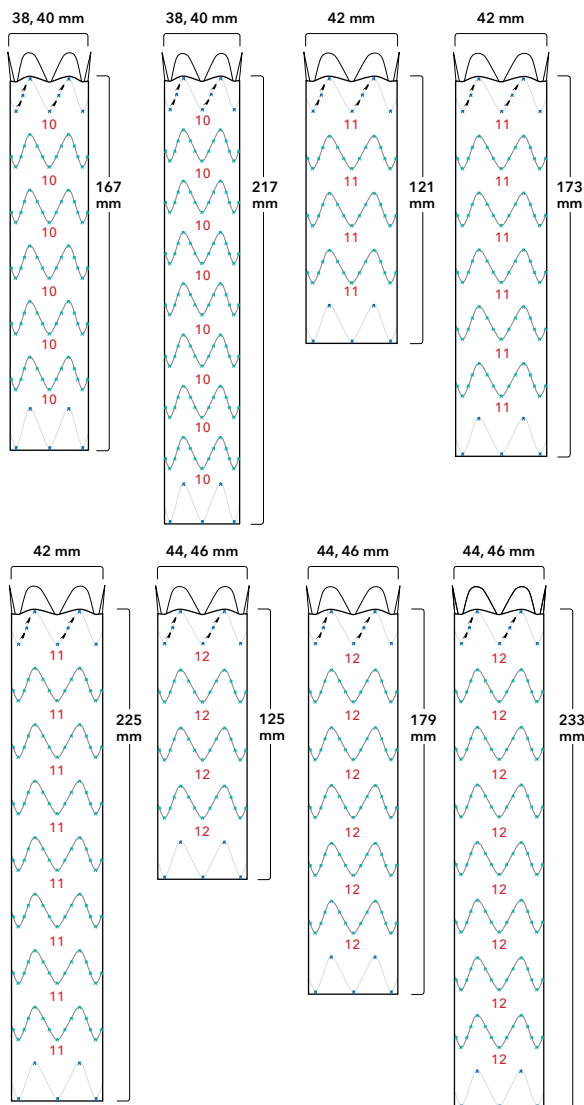


ZTA-P-XX-YYY-W

ZTA-P-(diameter)-(length)-W

Note: All measurements are in millimeters. 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
30 mm Diameter						
G38072	ZTA-PT-30-26-108-W	26-27	30	26	108	16 (5.3)/6.0
32 mm Diameter						
G38075	ZTA-PT-32-28-178-W	28-29	32	28	178	18 (6.0)/7.1
G38171	ZTA-PT-32-28-201-W	28-29	32	28	201	18 (6.0)/7.1
34 mm Diameter						
G38172	ZTA-PT-34-30-161-W	30	34	30	161	18 (6.0)/7.1
G38173	ZTA-PT-34-30-209-W	30	34	30	209	18 (6.0)/7.1
36 mm Diameter						
G38178	ZTA-PT-36-32-161-W	31-32	36	32	161	18 (6.0)/7.1
G38179	ZTA-PT-36-32-209-W	31-32	36	32	209	18 (6.0)/7.1
38 mm Diameter						
G38180	ZTA-PT-38-34-167-W	33-34	38	34	167	18 (6.0)/7.1
G38190	ZTA-PT-38-34-217-W	33-34	38	34	217	18 (6.0)/7.1
40 mm Diameter						
G38191	ZTA-PT-40-36-167-W	35-36	40	36	167	20 (6.7)/7.7
G38201	ZTA-PT-40-36-217-W	35-36	40	36	217	20 (6.7)/7.7
42 mm Diameter						
G38203	ZTA-PT-42-38-173-W	37-38	42	38	173	20 (6.7)/7.7
G38204	ZTA-PT-42-38-225-W	37-38	42	38	225	20 (6.7)/7.7
44 mm Diameter						
G38208	ZTA-PT-44-40-179-W	39	44	40	179	20 (6.7)/7.7
G38216	ZTA-PT-44-40-233-W	39	44	40	233	20 (6.7)/7.7
46 mm Diameter						
G38220	ZTA-PT-46-42-179-W	40-42	46	42	179	20 (6.7)/7.7
G38236	ZTA-PT-46-42-233-W	40-42	46	42	233	20 (6.7)/7.7

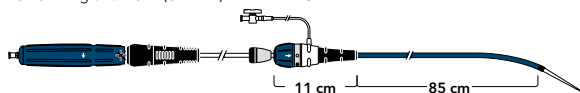
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction System for Proximal 4 mm Tapered Components

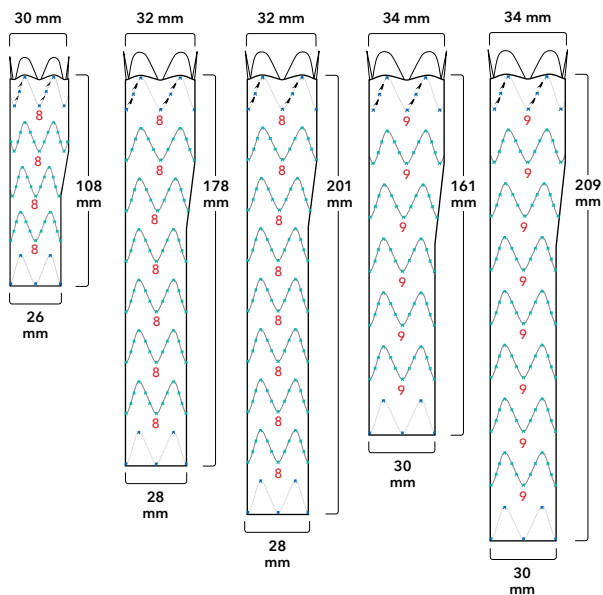
30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

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 4 mm Tapered Components

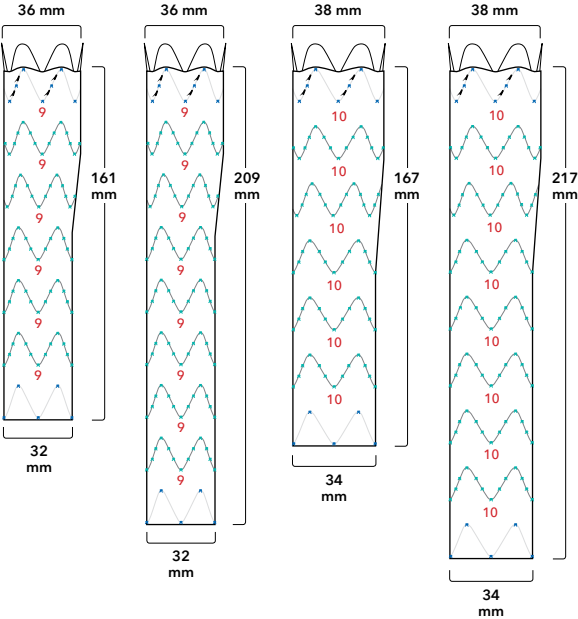


ZTA-PT-XX-YY-ZZZ-W

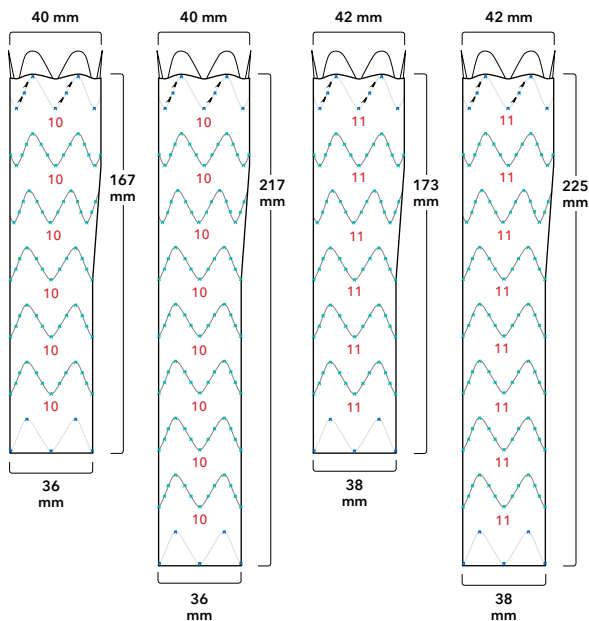
ZTA-PT-(proximal diameter)-(distal diameter)-(length)-W

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

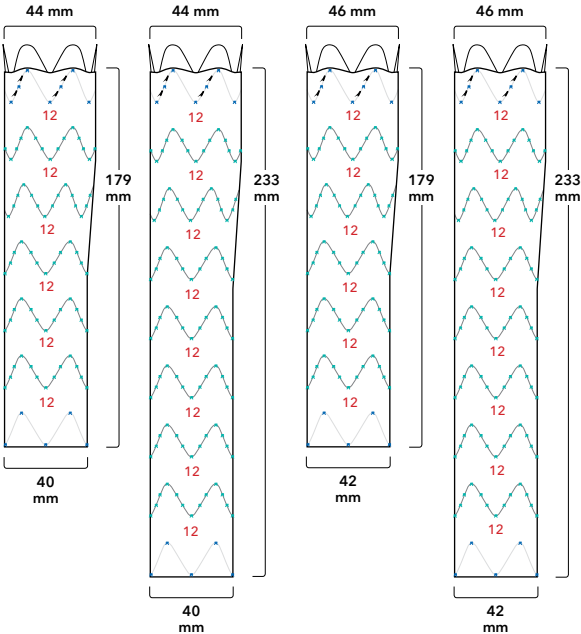
Proximal 4 mm Tapered Components (continued)



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					
G35381	ZTA-D-28-160-W	24-25	28	160	16 (5.3)/6.0
30 mm Diameter					
G35383	ZTA-D-30-160-W	26-27	30	160	16 (5.3)/6.0
32 mm Diameter					
G35385	ZTA-D-32-160-W	28-29	32	160	18 (6.0)/7.1
34 mm Diameter					
G35391	ZTA-D-34-142-W	30	34	142	18 (6.0)/7.1
G35392	ZTA-D-34-190-W	30	34	190	18 (6.0)/7.1
36 mm Diameter					
G35393	ZTA-D-36-142-W	31-32	36	142	18 (6.0)/7.1
G35394	ZTA-D-36-190-W	31-32	36	190	18 (6.0)/7.1
38 mm Diameter					
G35395	ZTA-D-38-147-W	33-34	38	147	18 (6.0)/7.1
G35396	ZTA-D-38-197-W	33-34	38	197	18 (6.0)/7.1
40 mm Diameter					
G35397	ZTA-D-40-147-W	35-36	40	147	20 (6.7)/7.7
G35398	ZTA-D-40-197-W	35-36	40	197	20 (6.7)/7.7
42 mm Diameter					
G35400	ZTA-D-42-204-W	37-38	42	204	20 (6.7)/7.7
44 mm Diameter					
G35402	ZTA-D-44-211-W	39	44	211	20 (6.7)/7.7
46 mm Diameter					
G35404	ZTA-D-46-211-W	40-41	46	211	20 (6.7)/7.7

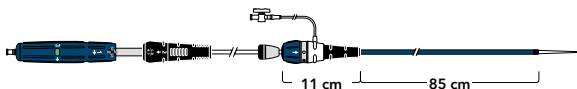
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction System for Distal Components

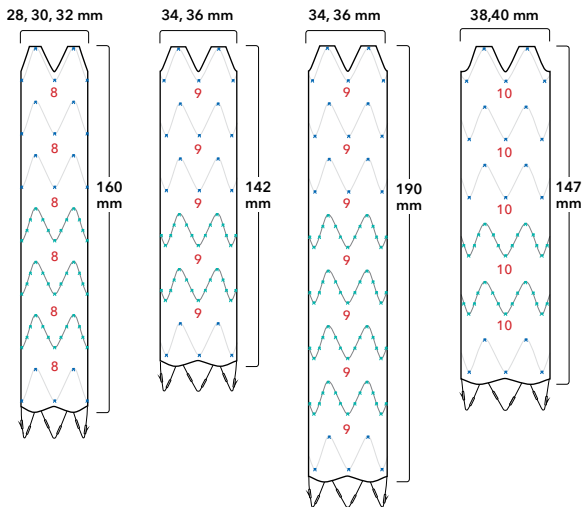
28-30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

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



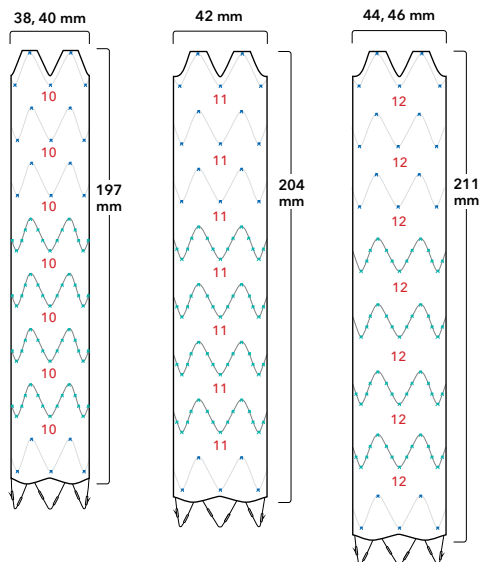
Distal Components



ZDA-D-XX-YYY-W
ZDA-D-(diameter)-(length)-W

Note: All measurements are in millimeters. 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
26 mm Diameter					
G35511	ZTA-DE-26-104-W	22-23	26	104	16 (5.3)/6.0
30 mm Diameter					
G35515	ZTA-DE-30-108-W	26-27	30	108	16 (5.3)/6.0
34 mm Diameter					
G35519	ZTA-DE-34-112-W	30	34	112	18 (6.0)/7.1
38 mm Diameter					
G35523	ZTA-DE-38-91-W	33-34	38	91	18 (6.0)/7.1
42 mm Diameter					
G36346	ZTA-DE-42-94-W	37-38	42	94	20 (6.7)/7.7
46 mm Diameter					
G38027	ZTA-DE-46-97-W	40-42	46	97	20 (6.7)/7.7

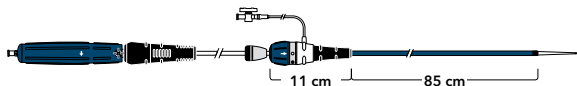
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Introduction System for Distal Extensions

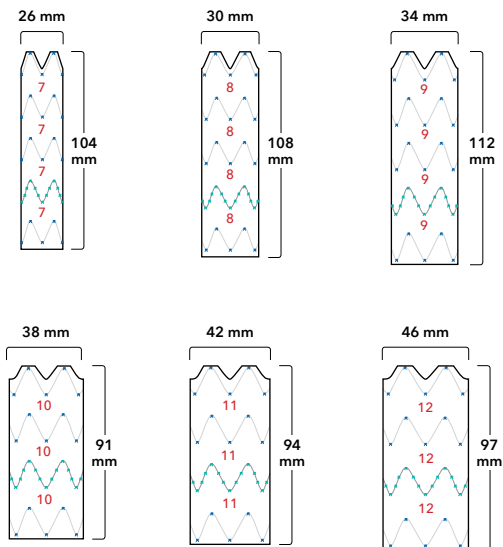
26-30 mm grafts: 16 Fr (5.3 mm) ID/6.0 mm OD

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



ZTA-DE-XX-YYY-W

ZTA-DE-(diameter)-(length)-W

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

Deployment Overview

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

Through the pigtail flush catheter, replace the standard guide wire with an extra-stiff, .035, 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 flushed, hydrated 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 UNSHEATHE 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 gripper.

4 RELEASE THE PROXIMAL COMPONENT

Hold the black 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 stent and proximal end of the graft have opened and the distal attachment to the introducer has been released.

5 REMOVE THE INTRODUCER 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 flushed, hydrated introduction system until the desired graft position has been achieved. Ensure that there is a minimum overlap of 3 stents.

7 UNSHEATHE THE DISTAL COMPONENT

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

Deployment Overview* (continued)

8 RELEASE THE DISTAL COMPONENT

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

1. To release the distal attachment, hold the black gripper and loosen the black safety-lock knob on the blue rotating handle (turn the safety-lock knob in the direction of the arrows). Turn the blue rotating handle following the directional arrow next to **label 1** until a stop is felt.
2. Turn the gray safety-lock knob indicated by **label 2** on the black telescoping gripper (turn the safety-lock knob in the direction of the arrows). To release the distal bare stent, stabilize the introduction system and slide the black telescoping 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).
3. 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.

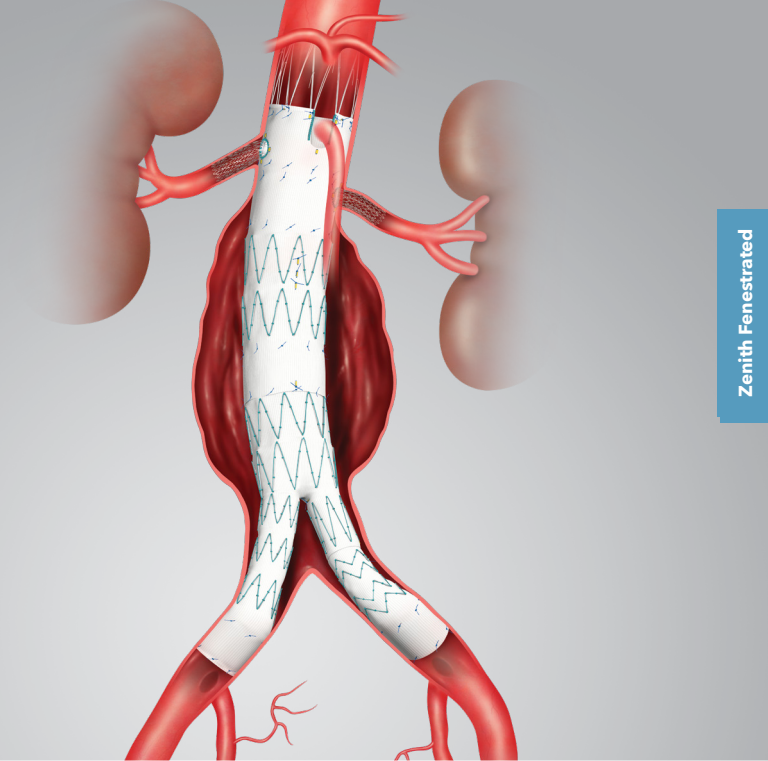
Tighten the Captor Hemostatic Valve around the molding balloon by turning it clockwise with gentle pressure.

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

Expand the molding 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.

*This deployment overview is an outline highlighting the deployment process for the Zenith Alpha Thoracic 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.

Zenith Visceral Endovascular Grafts

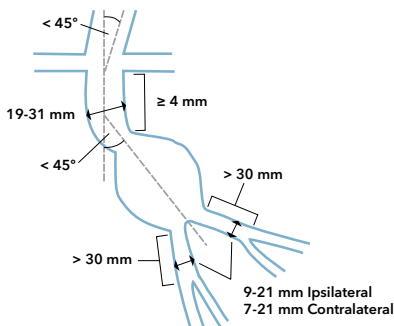


Zenith® Fenestrated

AAA ENDOVASCULAR GRAFT



Indications for Use



Indications for Use	Endovascular treatment of patients with abdominal aortic or aortoiliac aneurysms having morphology suitable for endovascular repair.		
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 > 30 mm in length and 9-21 mm in diameter (measured outer wall to outer wall)		
Contralateral Iliac Fixation Site	Distal fixation site > 30 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	ID 20 Fr (6.7 mm) OD 7.7 mm	ID 22 Fr (7.3 mm) OD 8.5 mm	
Contraindications	- Patients with known sensitivities or allergies to stainless steel, polyester, nitinol, solder (tin, silver), polypropylene, or gold - Patients with systemic or local infection that may increase the risk of endovascular graft infection.		

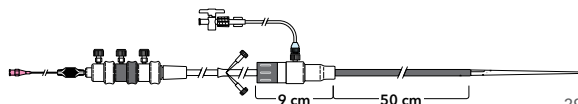
Proximal Body Grafts

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					
G32502	ZFEN-P-1-24-76-R	19-21	24	76	20 (6.7)/7.7
G32507	ZFEN-P-1-24-91-R	19-21	24	91	20 (6.7)/7.7
G32512	ZFEN-P-1-24-106-R	19-21	24	106	20 (6.7)/7.7
G32517	ZFEN-P-1-24-121-R	19-21	24	121	20 (6.7)/7.7
26 mm Diameter					
G32503	ZFEN-P-1-26-76-R	21-22	26	76	20 (6.7)/7.7
G32508	ZFEN-P-1-26-91-R	21-22	26	91	20 (6.7)/7.7
G32513	ZFEN-P-1-26-106-R	21-22	26	106	20 (6.7)/7.7
G32518	ZFEN-P-1-26-121-R	21-22	26	121	20 (6.7)/7.7
28 mm Diameter					
G32504	ZFEN-P-1-28-76-R	23-24	28	76	20 (6.7)/7.7
G32509	ZFEN-P-1-28-91-R	23-24	28	91	20 (6.7)/7.7
G32514	ZFEN-P-1-28-106-R	23-24	28	106	20 (6.7)/7.7
G32519	ZFEN-P-1-28-121-R	23-24	28	121	20 (6.7)/7.7
30 mm Diameter					
G32505	ZFEN-P-1-30-76-R	24-26	30	76	20 (6.7)/7.7
G32510	ZFEN-P-1-30-91-R	24-26	30	91	20 (6.7)/7.7
G32515	ZFEN-P-1-30-106-R	24-26	30	106	20 (6.7)/7.7
G32520	ZFEN-P-1-30-121-R	24-26	30	121	20 (6.7)/7.7
32 mm Diameter					
G32506	ZFEN-P-1-32-76-R	26-28	32	76	20 (6.7)/7.7
G32511	ZFEN-P-1-32-91-R	26-28	32	91	20 (6.7)/7.7
G32516	ZFEN-P-1-32-106-R	26-28	32	106	20 (6.7)/7.7
G32521	ZFEN-P-1-32-121-R	26-28	32	121	20 (6.7)/7.7
34 mm Diameter					
G32522	ZFEN-P-1-34-84-R	28-29	34	84	20 (6.7)/7.7
G32524	ZFEN-P-1-34-99-R	28-29	34	99	20 (6.7)/7.7
G32526	ZFEN-P-1-34-114-R	28-29	34	114	20 (6.7)/7.7
G32528	ZFEN-P-1-34-129-R	28-29	34	129	20 (6.7)/7.7
36 mm Diameter					
G32523	ZFEN-P-1-36-84-R	29-31	36	84	22 (7.3)/8.5
G32525	ZFEN-P-1-36-99-R	29-31	36	99	22 (7.3)/8.5
G32527	ZFEN-P-1-36-114-R	29-31	36	114	22 (7.3)/8.5
G32529	ZFEN-P-1-36-129-R	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.

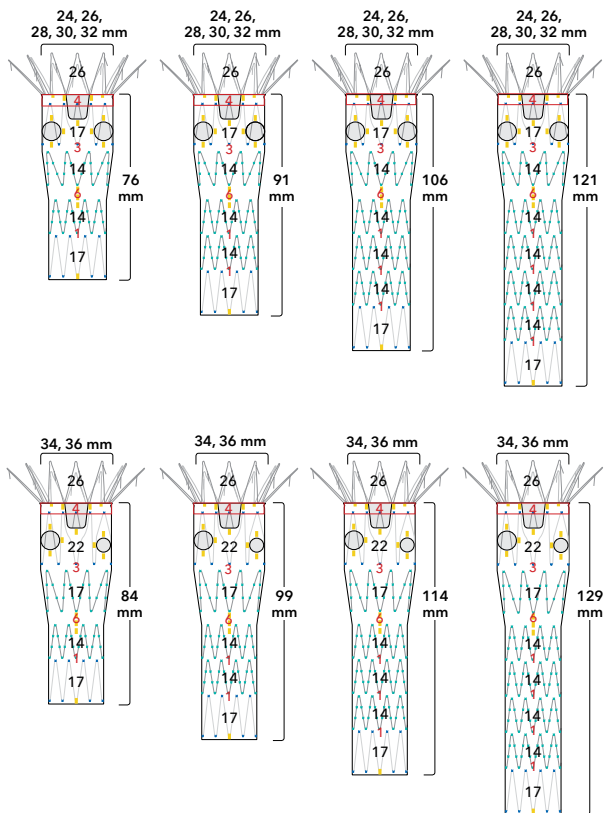
H&L-B One-Shot® Introduction System for Proximal Body Grafts

20 Fr (6.7 mm) ID/7.7 mm OD, 22 Fr (7.3 mm) ID/8.5 mm OD



Proximal Body Grafts

One Internal Proximal Stent



ZFEN-P-1-XX-YY-R

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

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.

Contralateral and ipsilateral iliac legs:

Refer to pages 33-39 of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Proximal Body Grafts

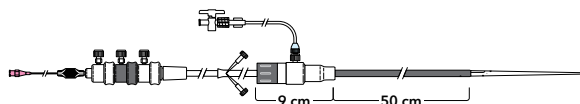
Order Number	Reference Part Number	Aortic Vessel OD mm	Proximal Body Diameter mm	Proximal Body Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Two Proximal Internal Stents					
24 mm Diameter					
G32530	ZFEN-P-2-24-94-R	19-21	24	94	20 (6.7)/7.7
G32535	ZFEN-P-2-24-109-R	19-21	24	109	20 (6.7)/7.7
G32540	ZFEN-P-2-24-124-R	19-21	24	124	20 (6.7)/7.7
26 mm Diameter					
G32531	ZFEN-P-2-26-94-R	21-22	26	94	20 (6.7)/7.7
G32536	ZFEN-P-2-26-109-R	21-22	26	109	20 (6.7)/7.7
G32541	ZFEN-P-2-26-124-R	21-22	26	124	20 (6.7)/7.7
28 mm Diameter					
G32532	ZFEN-P-2-28-94-R	23-24	28	94	20 (6.7)/7.7
G32537	ZFEN-P-2-28-109-R	23-24	28	109	20 (6.7)/7.7
G32542	ZFEN-P-2-28-124-R	23-24	28	124	20 (6.7)/7.7
30 mm Diameter					
G32533	ZFEN-P-2-30-94-R	24-26	30	94	20 (6.7)/7.7
G32538	ZFEN-P-2-30-109-R	24-26	30	109	20 (6.7)/7.7
G32543	ZFEN-P-2-30-124-R	24-26	30	124	20 (6.7)/7.7
32 mm Diameter					
G32534	ZFEN-P-2-32-94-R	26-28	32	94	20 (6.7)/7.7
G32539	ZFEN-P-2-32-109-R	26-28	32	109	20 (6.7)/7.7
G32544	ZFEN-P-2-32-124-R	26-28	32	124	20 (6.7)/7.7
34 mm Diameter					
G32545	ZFEN-P-2-34-107-R	28-29	34	107	20 (6.7)/7.7
G32547	ZFEN-P-2-34-122-R	28-29	34	122	20 (6.7)/7.7
G32549	ZFEN-P-2-34-137-R	28-29	34	137	20 (6.7)/7.7
36 mm Diameter					
G32546	ZFEN-P-2-36-107-R	29-31	36	107	22 (7.3)/8.5
G32548	ZFEN-P-2-36-122-R	29-31	36	122	22 (7.3)/8.5
G32550	ZFEN-P-2-36-137-R	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

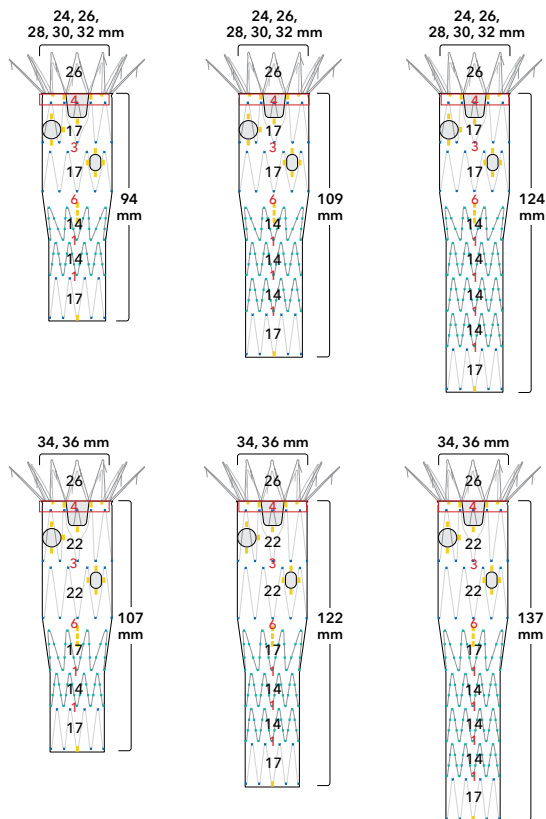
20 Fr (6.7 mm) ID/7.7 mm OD

22 Fr (7.3 mm) ID/8.5 mm OD



Proximal Body Grafts

Two Internal Proximal Stents



ZFEN-P-2-XX-YY-R

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

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.

Contralateral and ipsilateral iliac legs:

Refer to **pages 33-39** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Distal Bifurcated Body Grafts

Order Number	Reference Part Number	Ipsilateral Leg Diameter mm	Distal Body Length mm	Distal Leg Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Distal Bifurcated Body Graft					
G32551	ZFEN-D-12-28-76-C	12	76	28	20 (6.7)/7.7
G32554	ZFEN-D-12-28-91-C	12	91	28	20 (6.7)/7.7
G32500	ZFEN-D-12-28-106-C	12	106	28	20 (6.7)/7.7
G32501	ZFEN-D-12-28-121-C	12	121	28	20 (6.7)/7.7
G32561	ZFEN-D-12-45-76-C	12	76	45	20 (6.7)/7.7
G32565	ZFEN-D-12-45-91-C	12	91	45	20 (6.7)/7.7
G32569	ZFEN-D-12-45-106-C	12	106	45	20 (6.7)/7.7
G32573	ZFEN-D-12-45-121-C	12	121	45	20 (6.7)/7.7
G32577	ZFEN-D-12-62-76-C	12	76	62	20 (6.7)/7.7
G32580	ZFEN-D-12-62-91-C	12	91	62	20 (6.7)/7.7
G32584	ZFEN-D-12-62-106-C	12	106	62	20 (6.7)/7.7
G32588	ZFEN-D-12-62-121-C	12	121	62	20 (6.7)/7.7
G32552	ZFEN-D-16-28-76-C	16	76	28	20 (6.7)/7.7
G32555	ZFEN-D-16-28-91-C	16	91	28	20 (6.7)/7.7
G32557	ZFEN-D-16-28-106-C	16	106	28	20 (6.7)/7.7
G32559	ZFEN-D-16-28-121-C	16	121	28	20 (6.7)/7.7
G32562	ZFEN-D-16-45-76-C	16	76	45	20 (6.7)/7.7
G32566	ZFEN-D-16-45-91-C	16	91	45	20 (6.7)/7.7
G32570	ZFEN-D-16-45-106-C	16	106	45	20 (6.7)/7.7
G32574	ZFEN-D-16-45-121-C	16	121	45	20 (6.7)/7.7
G32592	ZFEN-D-16-62-76-C	16	76	62	20 (6.7)/7.7
G32581	ZFEN-D-16-62-91-C	16	91	62	20 (6.7)/7.7
G32585	ZFEN-D-16-62-106-C	16	106	62	20 (6.7)/7.7
G32589	ZFEN-D-16-62-121-C	16	121	62	20 (6.7)/7.7
G32553	ZFEN-D-20-28-76-C	20	76	28	20 (6.7)/7.7
G32556	ZFEN-D-20-28-91-C	20	91	28	20 (6.7)/7.7
G32558	ZFEN-D-20-28-106-C	20	106	28	20 (6.7)/7.7
G32560	ZFEN-D-20-28-121-C	20	121	28	20 (6.7)/7.7
G32563	ZFEN-D-20-45-76-C	20	76	45	20 (6.7)/7.7
G32567	ZFEN-D-20-45-91-C	20	91	45	20 (6.7)/7.7
G32571	ZFEN-D-20-45-106-C	20	106	45	20 (6.7)/7.7
G32575	ZFEN-D-20-45-121-C	20	121	45	20 (6.7)/7.7
G32578	ZFEN-D-20-62-76-C	20	76	62	20 (6.7)/7.7
G32582	ZFEN-D-20-62-91-C	20	91	62	20 (6.7)/7.7
G32586	ZFEN-D-20-62-106-C	20	106	62	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.

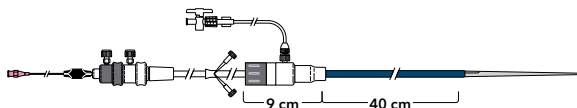
Distal Bifurcated Body Grafts (Continued)

Order Number	Reference Part Number	Ipsilateral Leg Diameter mm	Distal Body Length mm	Distal Leg Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Distal Bifurcated Body Graft					
G32590	ZFEN-D-20-62-121-C	20	121	62	20 (6.7)/7.7
G32564	ZFEN-D-24-45-76-C	24	76	45	20 (6.7)/7.7
G32568	ZFEN-D-24-45-91-C	24	91	45	20 (6.7)/7.7
G32572	ZFEN-D-24-45-106-C	24	106	45	20 (6.7)/7.7
G32576	ZFEN-D-24-45-121-C	24	121	45	20 (6.7)/7.7
G32579	ZFEN-D-24-62-76-C	24	76	62	20 (6.7)/7.7
G32583	ZFEN-D-24-62-91-C	24	91	62	20 (6.7)/7.7
G32587	ZFEN-D-24-62-106-C	24	106	62	20 (6.7)/7.7
G32591	ZFEN-D-24-62-121-C	24	121	62	20 (6.7)/7.7

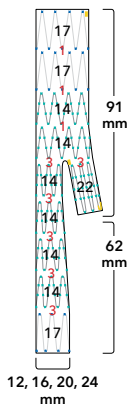
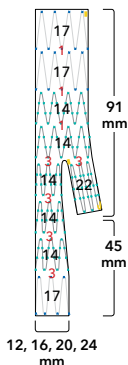
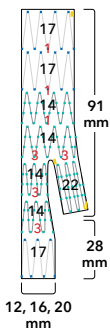
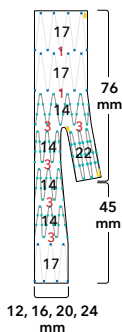
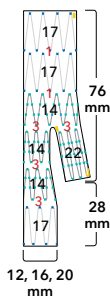
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

H&L-B One-Shot® Introduction System for Distal Body Grafts

20 Fr (6.7 mm) ID/7.7 mm OD



Distal Bifurcated Body Grafts



ZFEN-D-XX-YY-ZZ-C

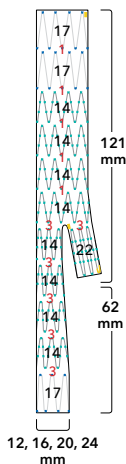
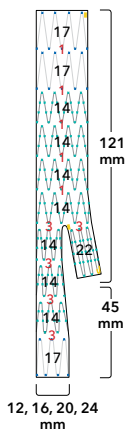
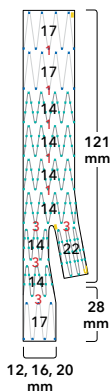
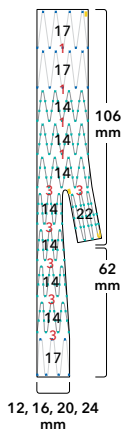
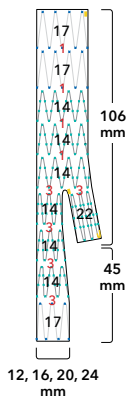
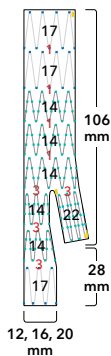
ZFEN-D-(ipsilateral leg diameter)-(distal leg length)-(distal body length)-C

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.

Contralateral and ipsilateral iliac legs:

Refer to **pages 33-39** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Distal Bifurcated Body Grafts (Continued)



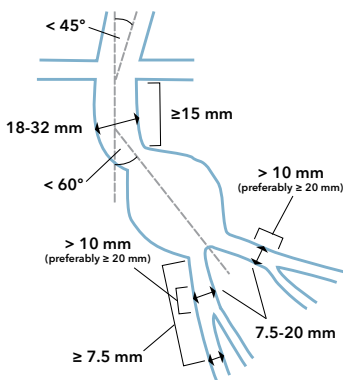
Zenith Abdominal Endovascular Grafts

Zenith Flex[®]

AAA ENDOVASCULAR GRAFT



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

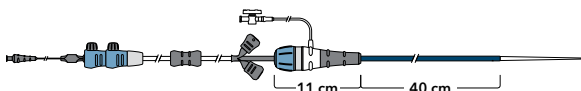
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak® Introduction System for Main Body Grafts

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

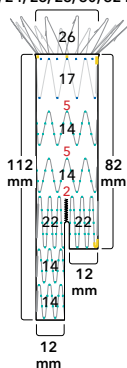
28-32 mm grafts: 20 Fr (6.7 mm) ID/7.7 mm OD

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

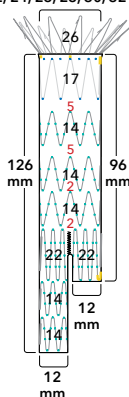


Bifurcated Main Body Grafts

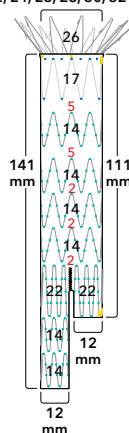
22, 24, 26, 28, 30, 32 mm



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



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



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

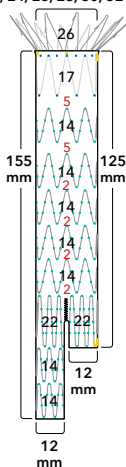
Note: All measurements are in millimeters. The black numbers on the illustrations indicate stent lengths. The red numbers indicate gap lengths. Gap lengths are approximate.

Contralateral and ipsilateral iliac legs:

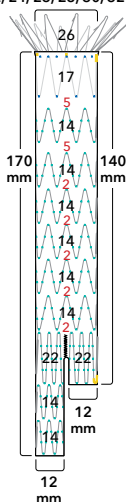
Refer to **pages 57-64** of this pocket guide for **Spiral-Z AAA Iliac Leg Grafts**.

Bifurcated Main Body Grafts (Continued)

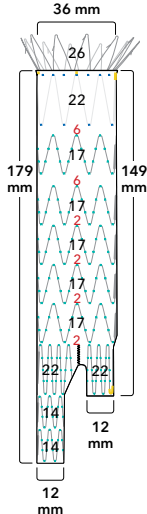
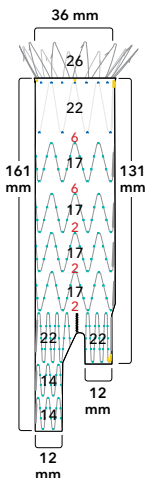
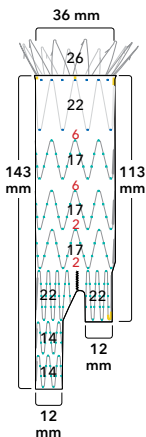
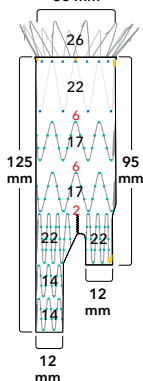
22, 24, 26, 28, 30, 32 mm



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



36 mm



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

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

Order Number	Reference Part Number	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Main Body Extensions				
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

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

Ancillary Components (Continued)

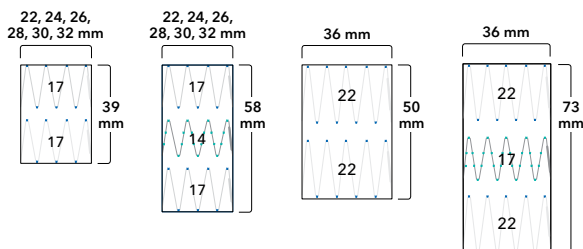
Order Number	Reference Part Number	Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Iliac Plugs				
G18505	ZIP-14-30-ZT	14	30	14 (4.7)/5.4
G18506	ZIP-16-30-ZT	16	30	14 (4.7)/5.4
G18507	ZIP-20-30-ZT	20	30	16 (5.3)/6.0
G18508	ZIP-24-30-ZT	24	30	16 (5.3)/6.0

Order Number	Reference Part Number	Proximal Diameter mm	Distal Diameter mm	Length mm	Introducer Sheath ID/OD Fr (mm)/mm
Iliac Leg Extension					
G55197	ESLE-12-55-ZT	12	12	55	14 (4.7)/5.4
G55198	ESLE-14-55-ZT	14	14	55	14 (4.7)/5.4
G55199	ESLE-16-55-ZT	16	16	55	14 (4.7)/5.4
G55200	ESLE-18-55-ZT	18	18	55	16 (5.3)/6.0
G55201	ESLE-20-55-ZT	20	20	55	16 (5.3)/6.0
G55202	ESLE-22-55-ZT	22	22	55	16 (5.3)/6.0
G55203	ESLE-24-55-ZT	24	24	55	16 (5.3)/6.0

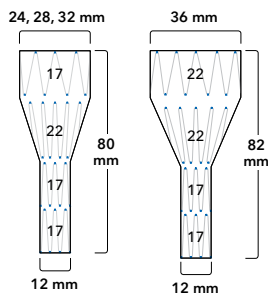
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Ancillary Components

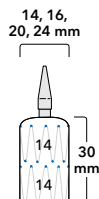
Main Body Extensions



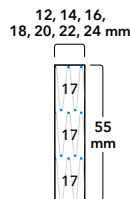
Converters



Iliac Plugs



Iliac Leg Extensions



Main Body Extensions

ESBE-XX-YY-ZT

ESBE-(diameter)-(length)-ZT

Iliac Plugs

ZIP-XX-YY-ZT

ZIP-(diameter)-(length)-ZT

Converters

ESC-XX-YY-ZZ-ZT

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

Iliac Leg Extensions

ESLE-XX-YY-ZT

ESLE-(diameter)-(length)-ZT

Note: All measurements are in millimeters. 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 a stiff 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 √ 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. A-P 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 delivery system over a stiff wire into the femoral artery. Advance slowly until the iliac leg graft overlaps at least one full iliac leg stent 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 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.

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

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 stiff wire and sheath to introduce the ipsilateral iliac leg graft. Advance ipsilateral iliac leg delivery system into the main body sheath. Advance slowly until the ipsilateral iliac leg graft overlaps a minimum of one full iliac leg stent 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 stiff 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.

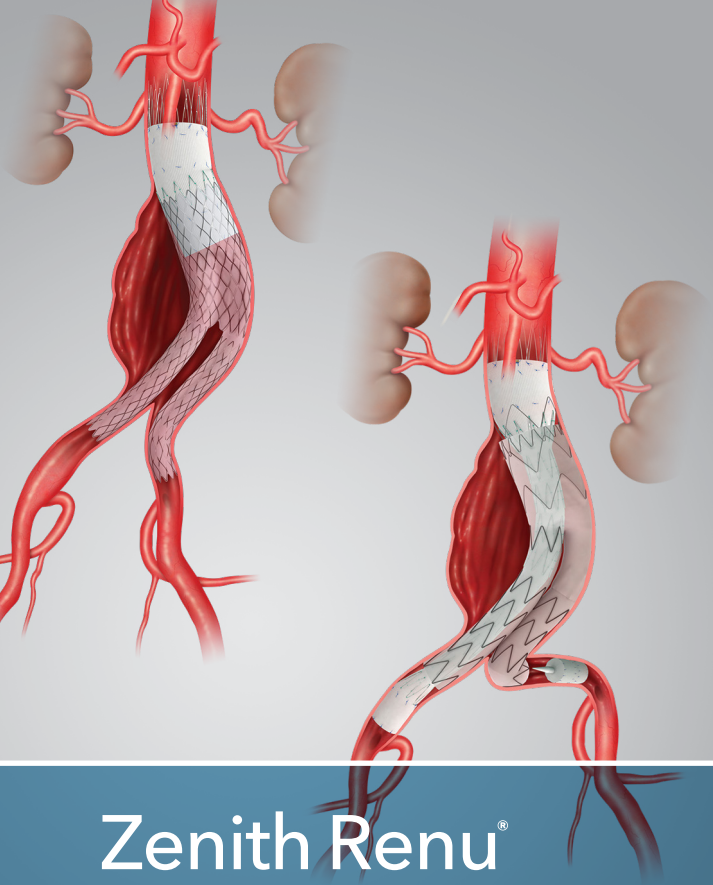
Caution: Captor Hemostatic Valve must be open prior to repositioning of molding balloon.

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 stiff 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 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.*



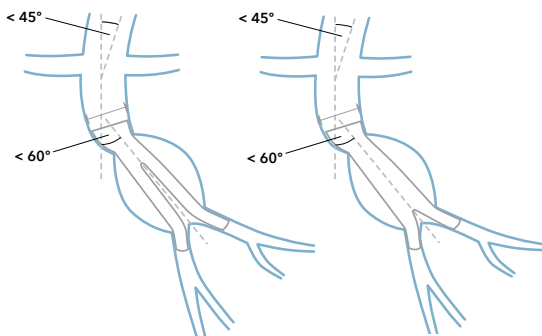
Zenith Renu[®]

AAA ANCILLARY GRAFT

Zenith Renu



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), nitinol, 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

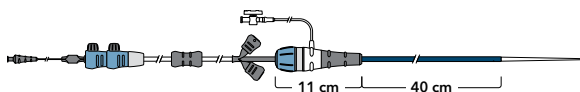
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak® Introduction System for Renu Converters

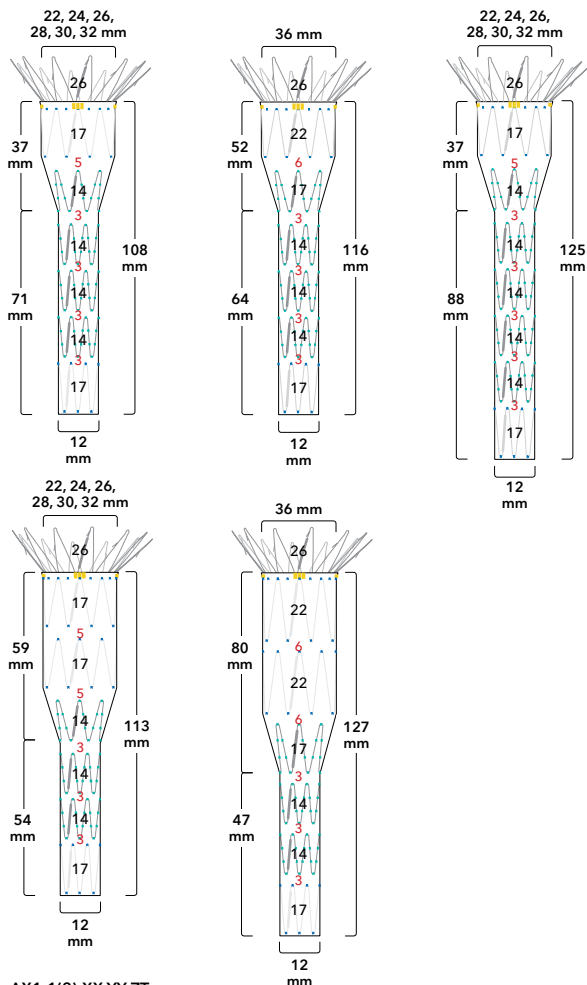
22-26 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

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



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

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

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.

Contralateral and ipsilateral iliac legs:

Refer to pages 57-64 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
G55416	RX1-36-77-ZT	29-32	36	77	22 (7.3)/8.5

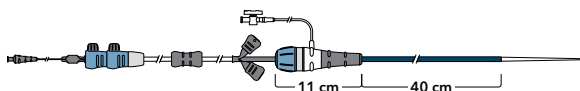
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Z-Trak® Introduction System for Renu Main Body Extensions

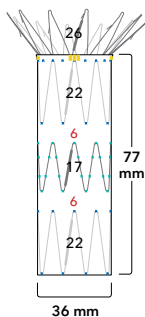
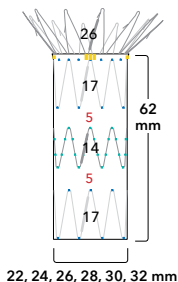
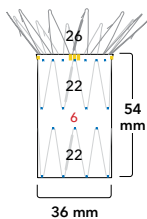
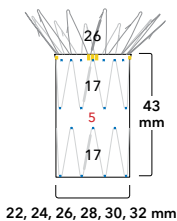
22-26 mm grafts: 18 Fr (6.0 mm) ID/7.1 mm OD

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



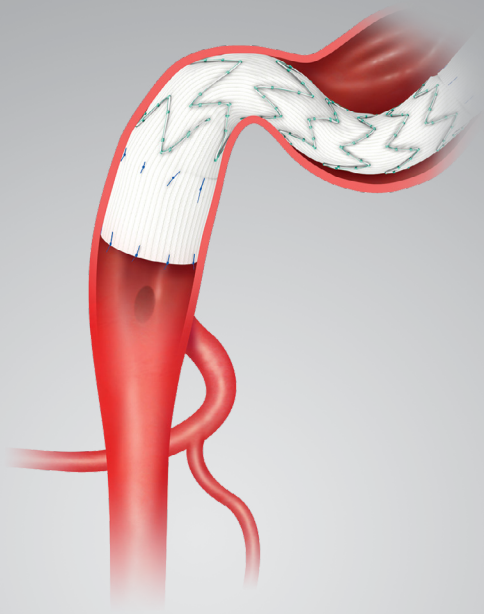
Main Body Extensions



RX1-XX-YY-ZT

RX1-(diameter)-(length)-ZT

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.



Zenith[®] Spiral-Z[®]

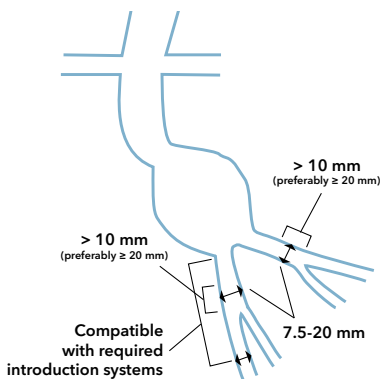
AAA ILIAC LEG GRAFT

Zenith Flex
Zenith Renu
Zenith Fenestrated

Zenith Spiral-Z



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, 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)

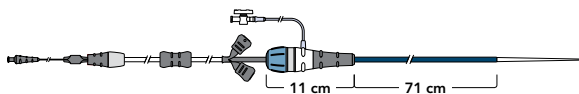
Order Number	Reference Part Number	Iliac Leg Distal Diameter mm	Iliac Leg Working Length mm	Introducer Sheath ID/OD Fr (mm)/mm
24 mm Diameter				
G55244	ZSLE-24-39-ZT	24	39	16 (5.3)/6.0
G55245	ZSLE-24-56-ZT	24	56	16 (5.3)/6.0
G55246	ZSLE-24-74-ZT	24	74	16 (5.3)/6.0
G55247	ZSLE-24-90-ZT	24	90	16 (5.3)/6.0

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

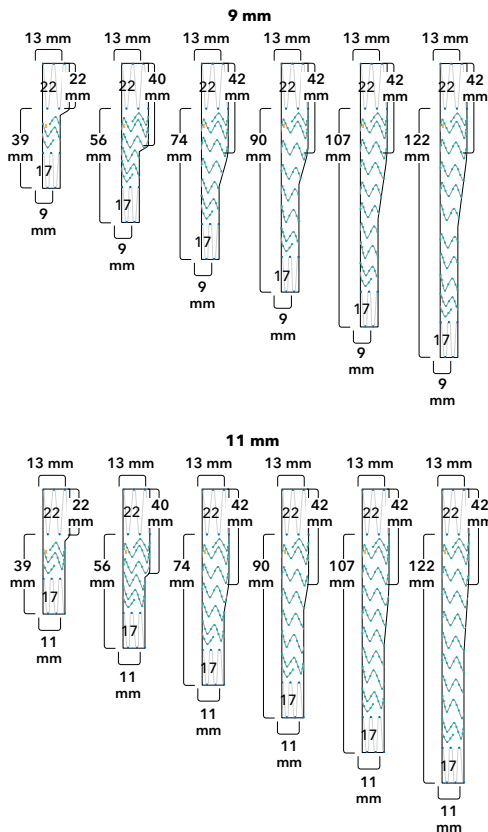
Z-Trak® Introduction System for Iliac Legs

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

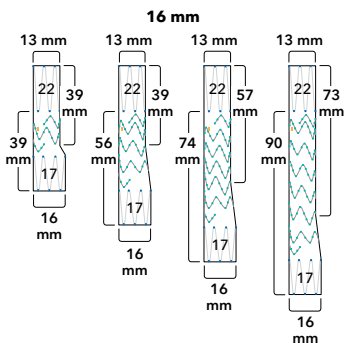
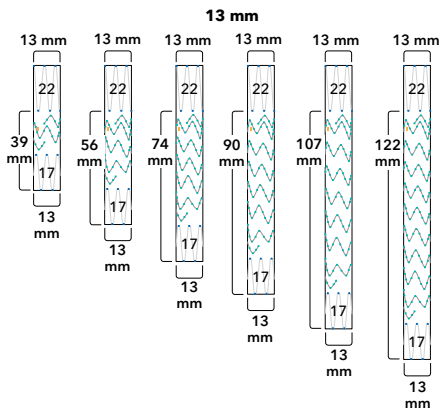


ZSLE-XX-YY-ZT

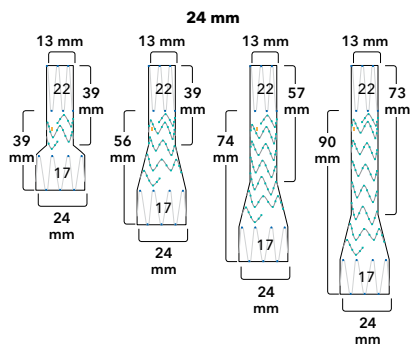
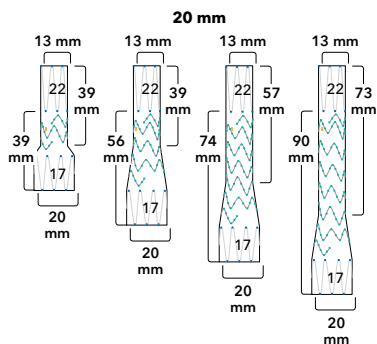
ZSLE-(distal diameter)-(working length)-ZT

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

Contralateral/Ipsilateral Iliac Leg Grafts (Continued)



Contralateral/Ipsilateral Iliac Leg Grafts (Continued)



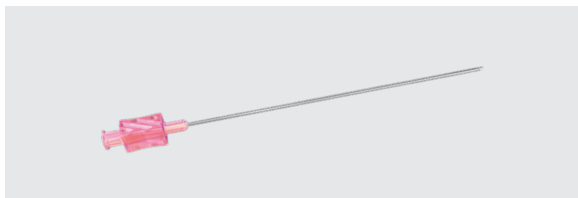


Accessories for endovascular procedures



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

One-Part Percutaneous Entry Needle



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.

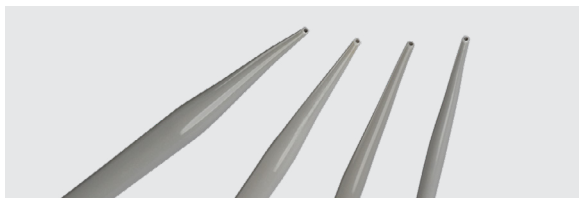
Micropuncture® Introducer Sets



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.

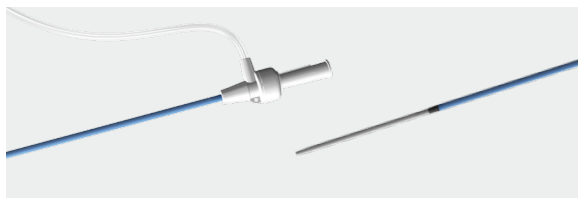
Endovascular Dilator Sets



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

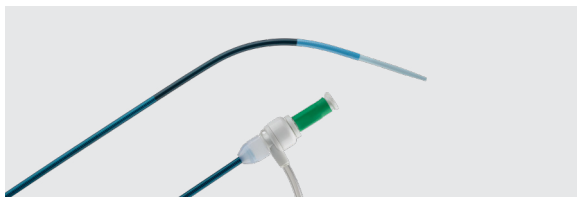


Order Number	Reference Part Number	Introducer Fr*	Accepts Wire Guide Diameter inch	Wire Guide Tip Config.	Sheath Length cm	Dilator Length cm
Standard With Wire Guide						
G07376	RCF-6.0-35-J	6.0	.035	3 mm J	13	20
G07337	RCF-6.0-38-J	6.0	.038	3 mm J	13	20
G07377	RCF-7.0-35-J	7.0	.035	3 mm J	13	20
G07338	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						
G07428	RCFW-5.0-38	5.0	.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						
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 that you are introducing in order to ensure its passage through the sheath.*

Flexor® Ansel Guiding Sheaths with High-Flex Dilator

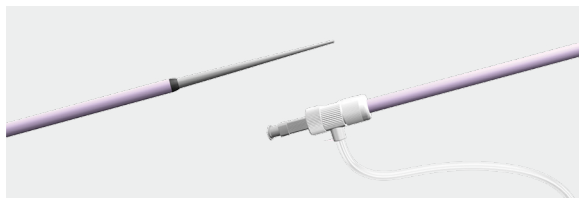


Order Number	Reference Part Number	Introducer ID Fr/mm*	Accepts Wire Guide Diameter inch	Length cm	Curve
Standard Without Wire Guide					
G56231	KCFW-6.0-35-55-RB-HFANL0-HC	6/2.2	.035	55	straight
G56236	KCFW-6.0-35-55-RB-HFANL1-HC	6/2.2	.035	55	multipurpose
G56221	KCFW-6.0-35-70-RB-HFANL0-HC	6/2.2	.035	70	straight
G56226	KCFW-6.0-35-70-RB-HFANL1-HC	6/2.2	.035	70	multipurpose
G49043	KCFW-7.0-35-55-RB-HFANL1-HC	7/2.54	.035	55	multipurpose
G49045	KCFW-8.0-35-55-RB-HFANL1-HC	8/2.87	.035	55	multipurpose
G47700	KCFW-10.0-35-45-RB-HFANL1-HC	10/3.4	.035	45	multipurpose

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

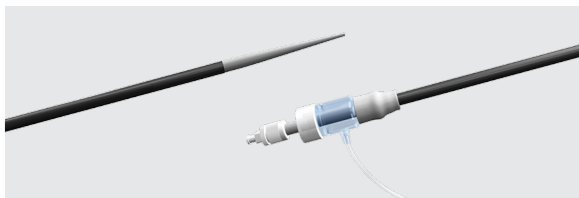


Order Number	Reference Part Number	Introducer Fr*	Accepts Wire Guide Diameter inch	Sheath Length cm	Dilator Length cm
G09691	RCFW-16.0P-38-30-RB	16.0	.038	30	42
G27023	RCFW-16.0P-38-35-RB	16.0	.038	35	47
G09582	RCFW-16.0P-38-70-RB	16.0	.038	70	82
G11672	RCFW-18.0P-38-30-RB	18.0	.038	30	42
G10626	RCFW-18.0P-38-40-RB	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 that you are introducing in order to ensure its passage through the sheath.*

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	20.0	.035	40	56
G12834	XVCFW-20.0-35-65	20.0	.035	65	81
G12831	XVCFW-22.0-35-25	22.0	.035	25	41
G12832	XVCFW-22.0-35-65	22.0	.035	65	81
G28999	XVCFW-24.0-35-25	24.0	.035	25	41
G12833	XVCFW-24.0-35-65	24.0	.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.

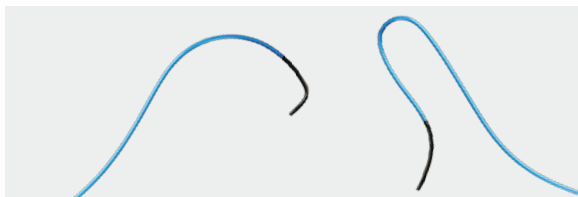
CrossCath® Support Catheters



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
G18499	CXC4.8-3.7-35-65-P-NS-0	4.8/3.7	.035	65	straight
With Hydrophilic Coating on Distal 60 cm					
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.

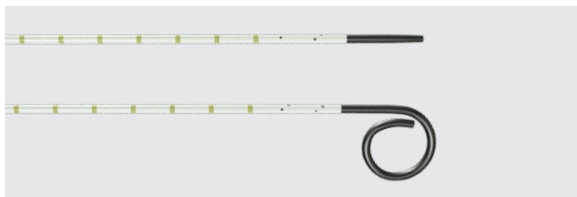
Slip-Cath® Beacon® Tip Hydrophilic Angiographic Catheters



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

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

Aurous™ Centimeter Sizing Catheters



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

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

Beacon® Tip Seeking Catheters



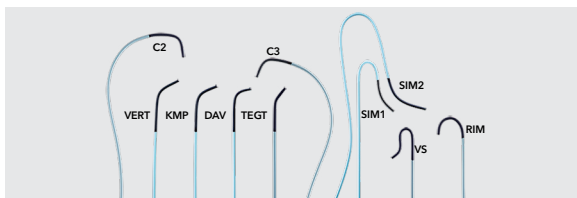
Order Number	Reference Part Number	Fr	Accepts Wire Guide Diameter inch	Length cm
Van Schie Beacon Tip Seeking Catheters				
G13795	HNBR5.0-35-65-P-NS-VANSCHIE1	5.0	.035	65
G13794	HNBR5.0-35-65-P-NS-VANSCHIE2	5.0	.035	65
G13792	HNBR5.0-35-65-P-NS-VANSCHIE3	5.0	.035	65
G13783	HNBR5.0-35-65-P-NS-VANSCHIE4	5.0	.035	65
G13793	HNBR5.0-35-65-P-NS-VANSCHIE5	5.0	.035	65
G35733	HNBR5.0-35-125-P-NS-VANSCHIE1	5.0	.035	125
G35734	HNBR5.0-35-125-P-NS-VANSCHIE2	5.0	.035	125
G35735	HNBR5.0-35-125-P-NS-VANSCHIE3	5.0	.035	125
G35736	HNBR5.0-35-125-P-NS-VANSCHIE4	5.0	.035	125
G35737	HNBR5.0-35-125-P-NS-VANSCHIE5	5.0	.035	125

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

Order Number	Reference Part Number	Fr	Accepts Wire Guide Diameter inch	Length cm	Tip Configuration
Beacon Tip Torcon NB® Advantage Angiographic Catheters					
G35974	HNBR5.0-35-125-P-NS-VS1	5.0	.035	125	VS1
G31970	HNBR5.0-35-125-P-NS-C-PS	5.0	.035	125	C (Curly Q)

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

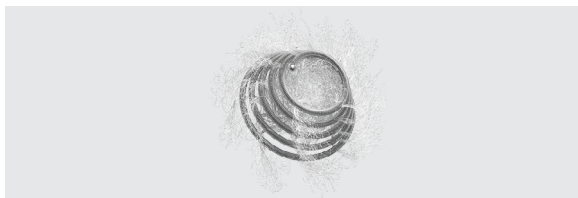
Beacon® Tip Torcon NB® Advantage Angiographic Catheters



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
G09548	HNBR5.0-38-40-P-NS-KMP	5.0	.038	40	KMP
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

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

Tornado® 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 Extended Coil Diameter				
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

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

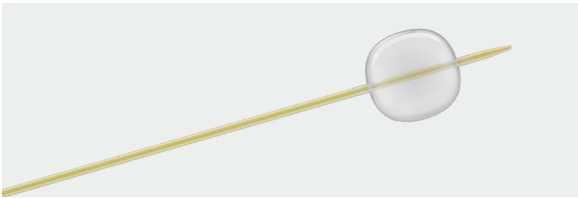
Nester® Embolization Coils



Order Number	Reference Part Number	Recommended Catheter ID and End Hole Diameter inch	Extended Embolus Length cm	Coiled Embolus Diameter mm	Approximate Configuration Loops
.035 Inch Extended Coil Diameter					
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

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

Coda® Balloon Catheter

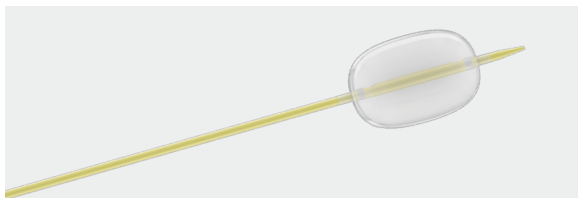


Order Number	Reference Part Number	Catheter Fr/Length cm	Recommended Introducer Fr
G23773	CODA-2-10.0-35-140-46	10.0/140	14

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

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

Coda® LP Balloon Catheters

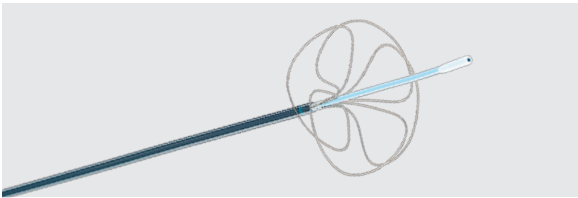


Order Number	Reference Part Number	Catheter Fr/Length cm	Recommended Introducer Fr
G03832	CODA-2-9.0-35-100-32	9.0/100	12
G03831	CODA-2-9.0-35-120-32	9.0/120	12

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

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

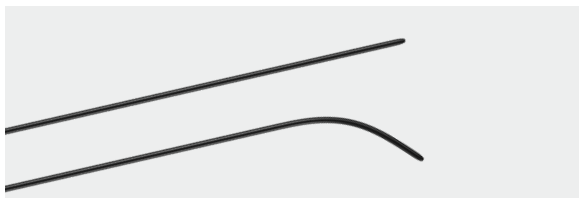
Indy OTW™ Vascular Retrievers



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

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

Roadrunner® UniGlide® Hydrophilic Wire Guides



Order Number	Reference Part Number	Wire Guide Diameter inch	Wire Guide Length cm	Taper Length cm	Floppy Tip Length cm
Standard Shaft – Straight Tip					
G56150	HPW-35-180	.035	180	14	3
G30502	HPW-35-260	.035	260	14	3
Standard Shaft – Angled Tip					
G56174	HPWA-35-180	.035	180	14	3
G30492	HPWA-35-260	.035	260	14	3
Stiff Shaft – Straight Tip					
G56153	HPWS-35-180	.035	180	20	3
G30496	HPWS-35-260	.035	260	20	3
Stiff Shaft – Angled Tip					
G56177	HPWAS-35-180	.035	180	20	3
G30506	HPWAS-35-260	.035	260	20	3

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

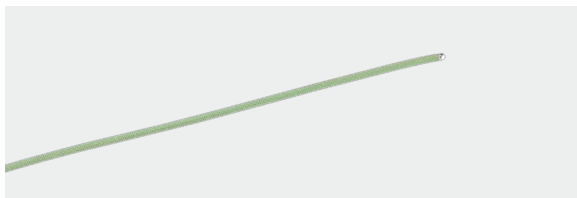
Safe-T-J® Rosen Catheter Exchange Wire Guides



Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Floppy Tip Length cm	Tip Curve Radius mm
PTFE-Coated Stainless Steel						
G01264	THSCF-35-180-1.5-ROSEN	.035	180	4.5	1.5	1.5
G01253	THSCF-35-260-1.5-ROSEN	.035	260	4.5	1.5	1.5
PTFE-Coated Stainless Steel With Heparin Coating						
G01428	THSCF-35-180-1.5-ROSEN-BH	.035	180	4.5	1.5	1.5
G02246	THSCF-35-260-1.5-ROSEN-BH	.035	260	4.5	1.5	1.5

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

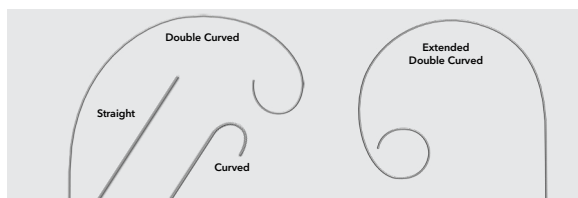
Bentson Fixed Core Wire Guides



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

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

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

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

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 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
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

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





cookmedical.com/aortic-intervention/