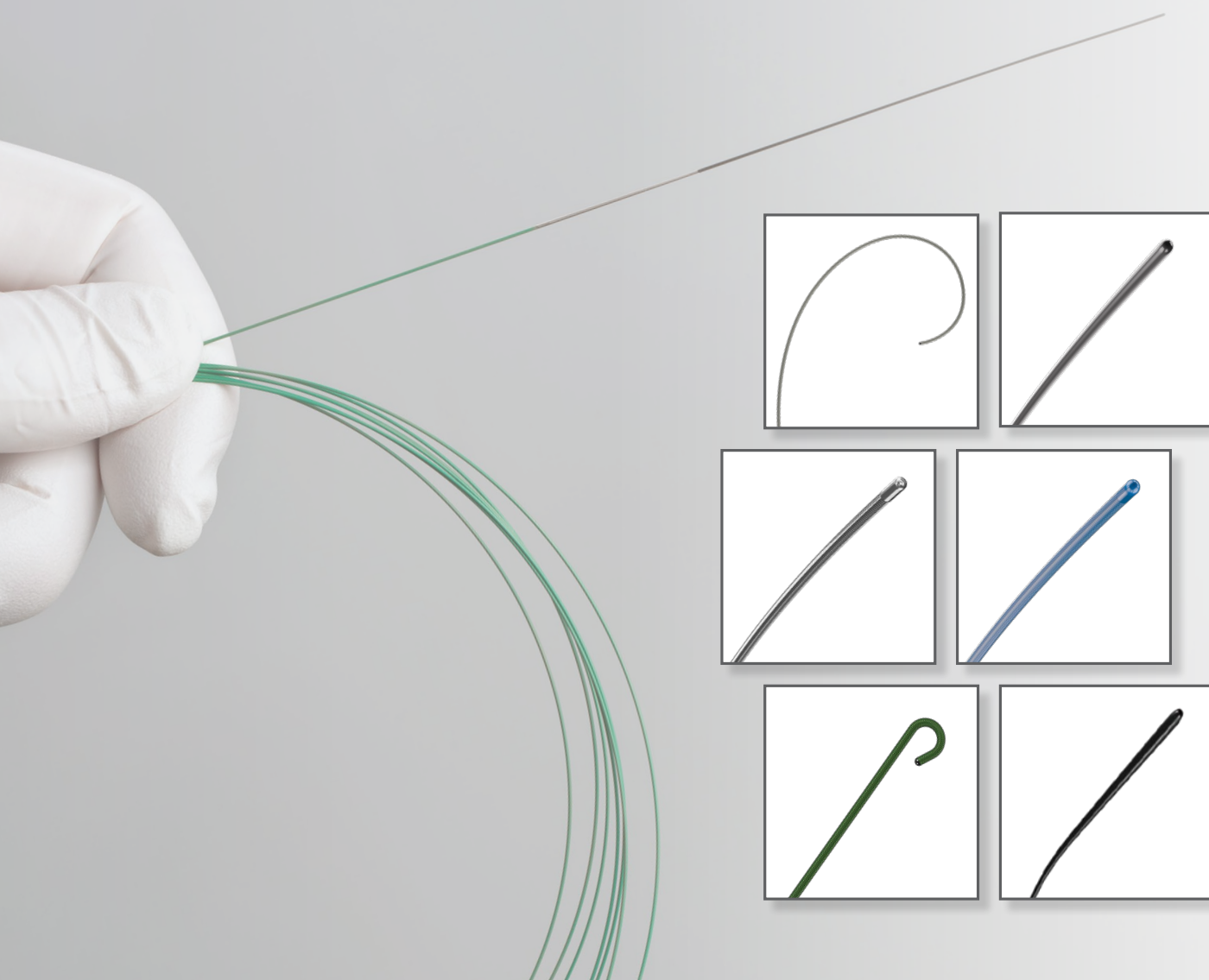


# Wire guides that deliver



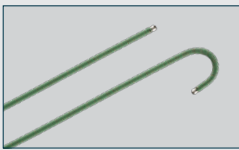
## WIRE GUIDES

# Innovators in access technologies since 1963

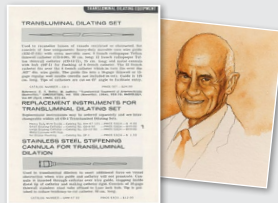
Nearly six decades ago, Cook Medical started as a needles, wires, and catheters company. From the very beginning, we partnered with some of the world's leading physicians to identify their needs. Those collaborations resulted in many of the first endovascular access devices that have stood the test of time.

## 1960s

Cook was the first to offer longer-tapered **PTFE-coated wire guides**.



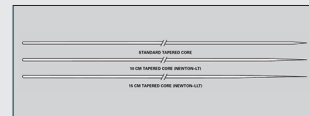
Working in collaboration with Dr. Charles Dotter, Cook developed the **Dotter Coaxial Dilatation Set**, the first peripheral angioplasty product.



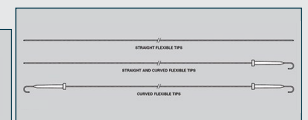
Cook was the first manufacturer to introduce **safety wire construction** and the patented **Safe-T-J® Wire Guide**.



Cook was the first to offer the **longer-tapered mandril wire guide**, improving the transition from a stiffer shaft to a flexible tip.

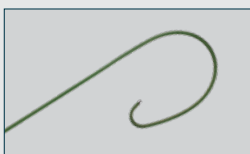


Cook was the first to develop the **double flexible-tipped wire guide**, combining a straight flexible tip and a J-shaped flexible tip.

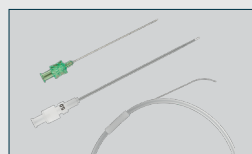


## 1980s

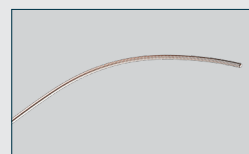
The **Amplatz Support Wire Guide with Apex Curve** was designed to facilitate the introduction and placement of interventional devices within the chambers of the heart, including those used within trans-catheter aortic valve procedures.



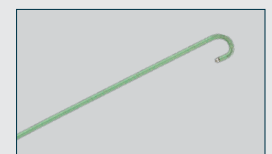
Cook worked with Dr. Stan Cope to create and introduce **Micropuncture® Introducer Sets**, a technology that redefined vascular access.



Cook was the first to develop the **Cope Mandril wire guide**, a small-diameter wire guide that increases proximal rigidity.



To reduce friction, Cook was the first to develop the **Tefcor™ movable-core wire guide**.

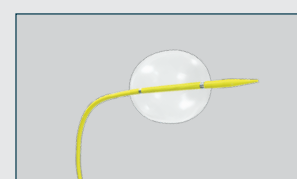


## 2000s

Cook was the first to introduce **hydrophilic-coated dilators** to be used for dilating puncture sites or catheter tracts.

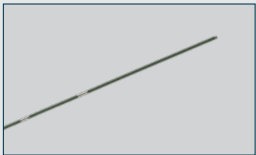


The **Coda® Balloon Catheter** was the first balloon catheter available that is indicated for the temporary occlusion of large vessels and for graft molding.

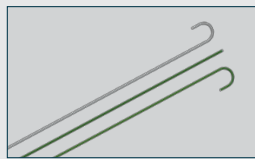


## 1970s

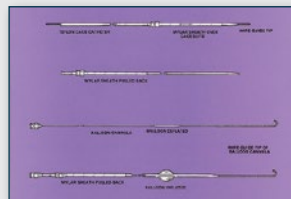
The **Lunderquist-Ring Torque Wire Guide** was developed in the late 1970s and initially used for drainage procedures.



In collaboration with Dr. Kurt Amplatz, Cook was the first to offer a **heparin-coated wire guide**.



Cook worked with Dr. Charles Dotter to develop the first **balloon-type design** for angioplasty procedures.



The **Peel-Away® Introducer** was the first product to facilitate percutaneous placement of devices that were previously implanted via surgical cutdown procedures.



## 1990s

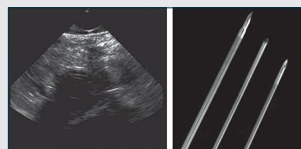
The **Lunderquist® Extra-Stiff Wire Guide** was created for complex diagnostic and interventional procedures where increased support, flexibility, and low surface friction of the wire guide are needed.



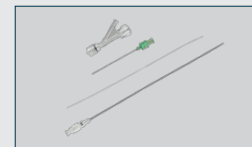
**Flexor® Introducer Technology** was a major advancement in introducer technology that supported the evolution of more complex procedures.



The Echotip® Needle is a major advancement in ultrasound imaging. Our process delivers brilliant, clearly visible images of the needle tip during scanning.

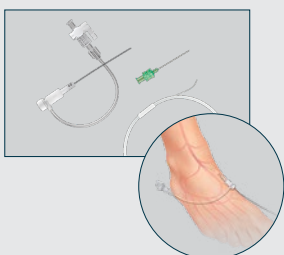


Stiffened cannulas were added to the **Micropuncture Introducer Set** to provide physicians with more offerings to meet clinical needs.

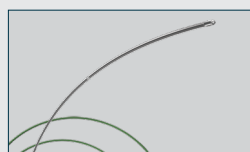


## 2010s

The **Micropuncture Pedal Access Set** was the first dedicated tibiopedal access set launched in the US.



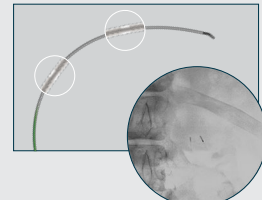
The **Approach® CTO Microwire Guide** was the first to facilitate the delivery of percutaneous catheters in the peripheral vasculature.



The **CXI® Support Catheter** is designed for use in the small vessel or superselective anatomy for diagnostic and interventional procedures.



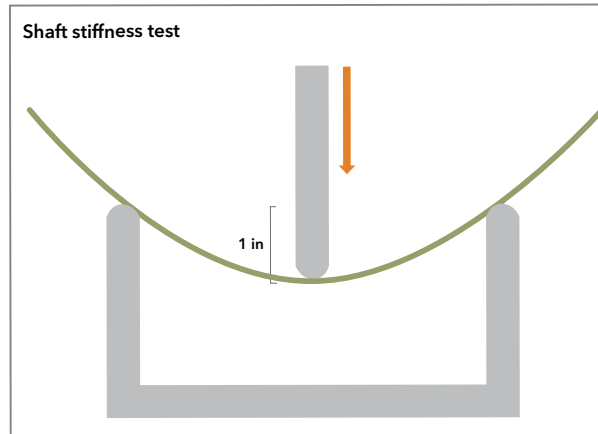
The **second-generation CXI catheter** with platinum-iridium marker bands was created to enhance visibility and allow vessel measurements.



# Test methodology

## Shaft-stiffness test

This test measures the force required to displace a wire guide shaft one inch.



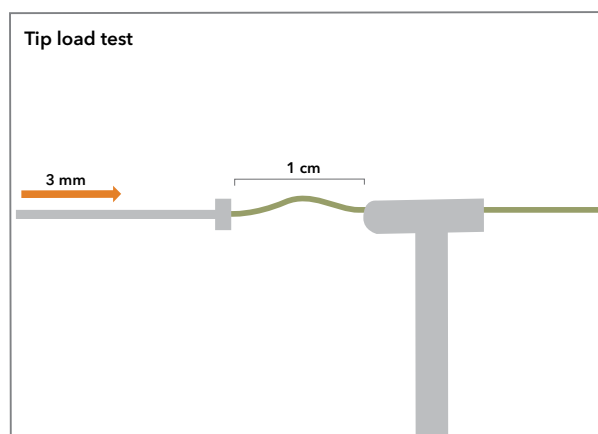
## Tip-stiffness test

This test measures the force required to bend the distal tip of a wire guide to a 45° angle.



## Tip-load test

This test measures the resistance of a wire guide tip as it begins to bend against a plate.





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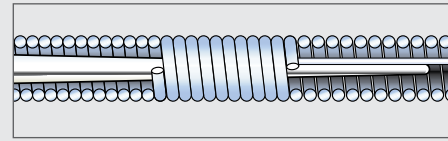
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# Wire guide terminology

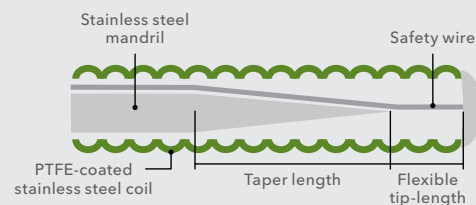
## Coil

A coiled wire that encases the mandril. It can be round or flat to allow a thicker, more heavy-duty mandril to fit inside.



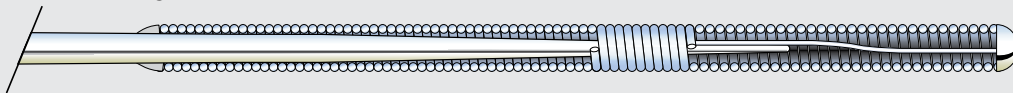
## Safety wire

A small wire that extends to both ends of the wire guide to prevent the coils from separating.



## Mandril

A larger wire, all or part of which may be inside the coil, that determines the wire guide's stiffness or body and may make up the proximal shaft of the wire guide (as in a mandril wire guide).



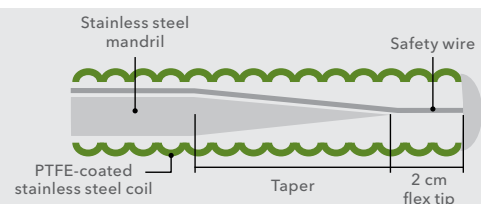
## Taper

The length over which the mandril is reduced in diameter from its original size to its tip. The shorter the taper, the stiffer the tip of the wire and the greater its pushability. The longer the taper, the floppier the tip and the less its pushability.



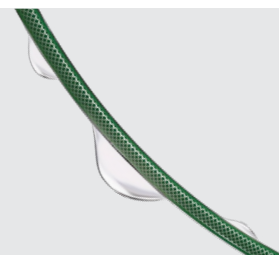
## Flex

When looping the distal tip, the distance from the tip to the point where the wire guide flattens out (approximately the end of the mandril taper).



## Hydrophilic coating

A thin layer of material on the outside of the wire guide that decreases friction when it is activated by water. The term "glide" in the context of a wire guide or catheter generally means it has a hydrophilic coating.



## Torqueability

Response of the wire guide to rotational force (particularly important with angled tip wire guides); how well the user can “steer” the tip of the wire



Torque device

Scoop-shaped wire inserter

## Exchange length wire

A wire guide (generally 260 cm in length or greater) that allows for the exchange of catheters without losing the wire guide's tip position. Generally, the exchange wire should be approximately twice as long as the catheter (e.g., an 80 cm long catheter needs a 180 cm long wire guide, and a 135 cm long catheter needs a 260 cm long wire guide)

## J-tip

A wire guide that curves 180 degrees at the tip (forming a J shape), minimizing the chance of trauma to the vessel during use



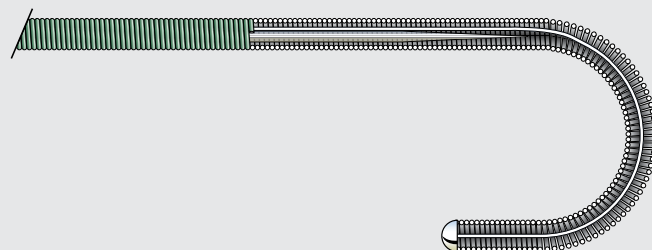
## Heavy duty

A wire guide in which the mandril has a larger diameter than standard, increasing the stiffness of the wire guide's body



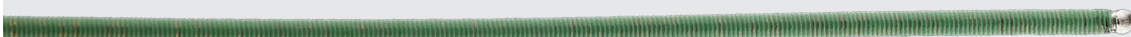
## Fixed core

A wire guide in which the proximal end of the mandril is welded to the coil



## PTFE coating



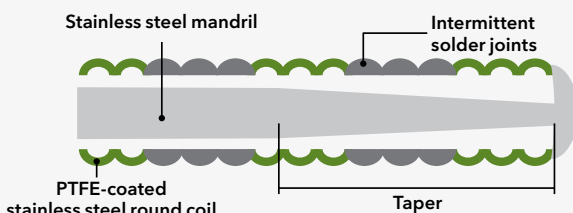
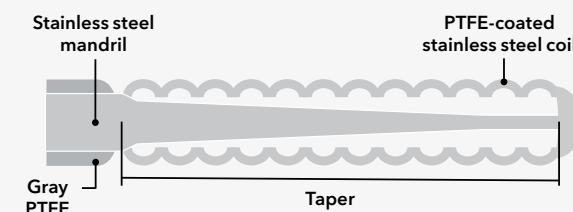
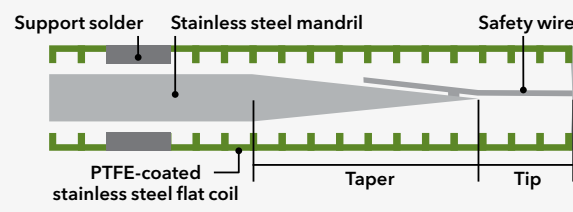
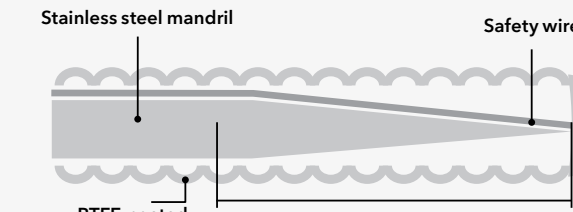
A nonstick, hydrophobic layer of polytetrafluoroethylene (PTFE) that provides a smooth, low-friction surface





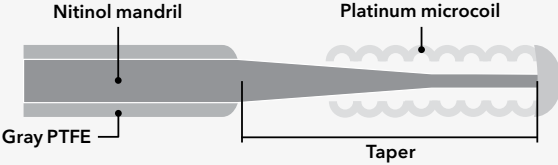
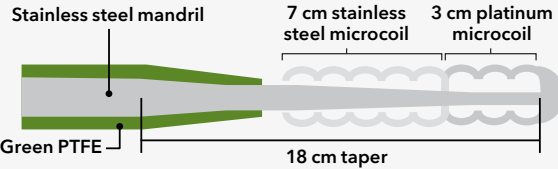
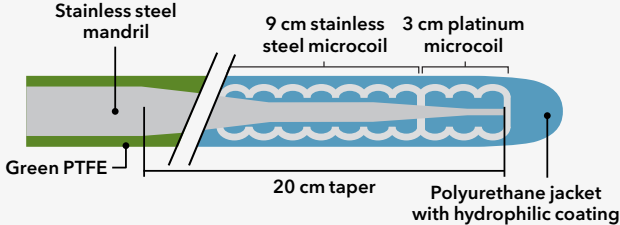
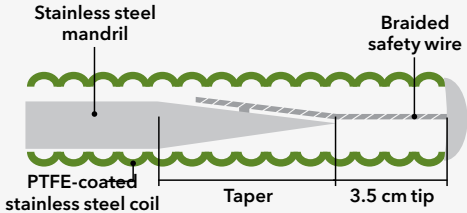
# Cook Medical's broad offering of wire guides

Our uncompromising focus on physicians and their patients has driven us to create a wide array of wire guides that provide options in size, tip configuration, and key technologies.



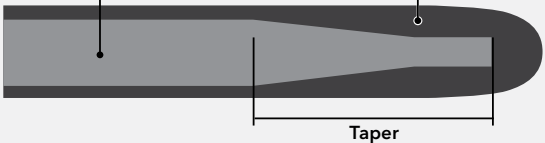
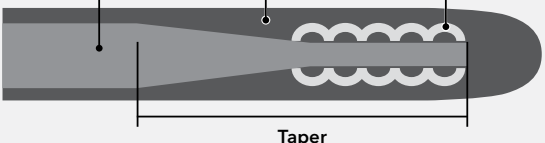
## Interventional

Product	Construction (not to scale)	Diameter		Length	Tip Configuration
				cm	
Lunderquist-Ring Torque Wire Guide		0.035	125	straight	
			145		
Lunderquist® Extra-Stiff Wire Guide		0.035	90	straight	
			145		
			180		
			260	straight, curved, double curve, extended double curve	
			300		
Amplatz Support Wire Guide		0.025	145	straight	
			180	curved	
			260	straight	
		0.032	180	curved	
			260		
		0.035	80	straight, curved	
			145		
			180		
			260	straight	
		300			
		0.038	100	straight	
Disposable Reuter Tip-Deflecting Wire Guide		0.025	80	straight*	
			145		
		0.035	110		
			145		
		0.038	110		
		* straight configuration with a 5–10 mm curve			



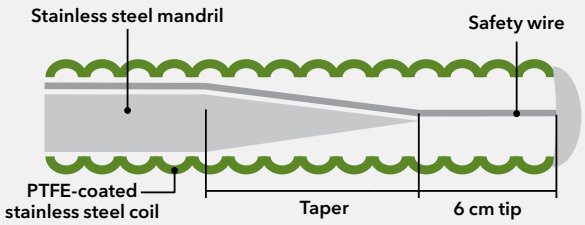
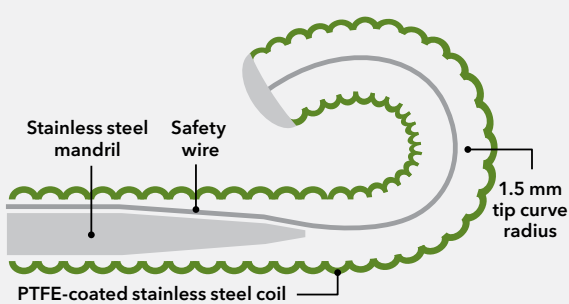
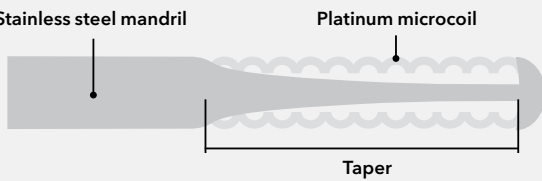
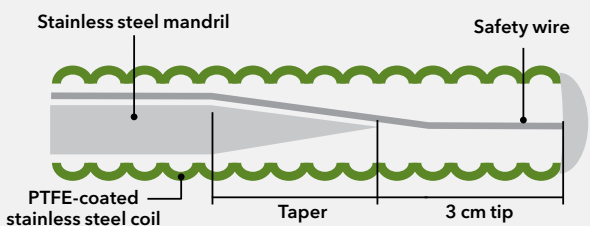
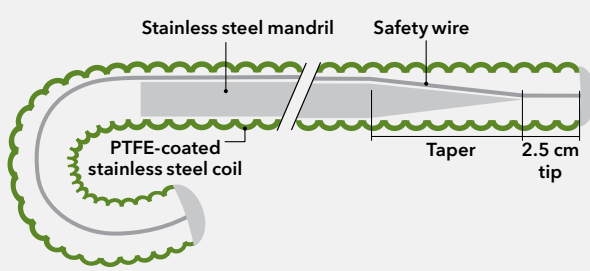
## Interventional

Product	Construction (not to scale)	Diameter   Length		Tip Configuration
				
Roadrunner® Extra-Support Wire Guide		0.014	180	Angled
			300	
		0.018	180	
			300	
Approach® CTO Micewire Guide		0.014	190	straight*
			300	
		* Available in 6,12, 18, and 25 gram tip load		
Approach® Hydro ST Micewire Guide		0.014	135	straight
			190	
			300	
Coons Wire Guide		0.035	80	straight
			145	
			180	
			260	
		0.038	80	
			145	



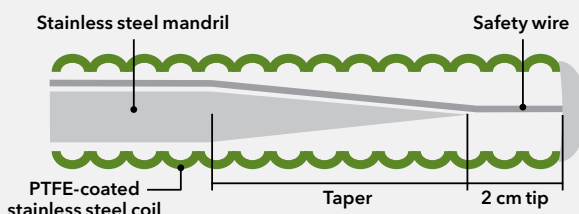
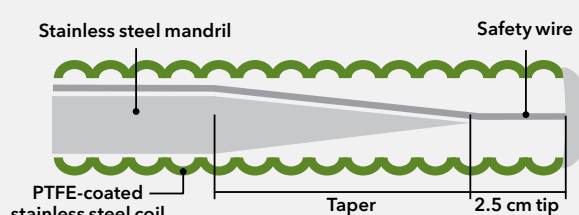
## Hydrophilic

Product	Construction (not to scale)	Diameter		Tip Configuration	
					
Roadrunner® UniGlide® Hydrophilic Wire Guide		0.018	80	straight, angled, stiff	
			150		
			180		
			260		
			320		
		0.035	80	straight, angled, stiff	
			150		
			180		
			260		
			320		
Roadrunner® PC Hydrophilic Wire Guide		0.035	80	Angled	
			145		
			180		
			260		

# Diagnostic

Product	Construction (not to scale)	Diameter Length		Tip Configuration
				
Bentson Fixed Core Wire Guide		0.018	180	straight
		0.025	145	
		0.035	80	
			100	
			145	
			180	
			200	
			260	
Rosen Heavy Duty Wire Guide		0.035	80	curved
			145	
			180	
			220	
Cope Mandril Wire Guide		0.018	60	Angled
			100	
			125	
Newton Fixed Core Wire Guide		0.035	145	straight
			260	curved
			145	
Double Flexible-Tipped Wire Guide		0.035	50	Curved and Straight
			145	

# Diagnostic

Product	Construction (not to scale)	Diameter		Length	Tip Configuration	
				cm		
Fixed Core Standard Wire Guide		0.018		50	straight	
				145		
				260		
		0.021		50		curved
				145		
		0.025		145		
		0.032		145		
				50		
				80		
				145		
		0.035		180		
				260		
			0.018		180	
					50	
				180		
		0.021		260		
				50		
				180		
		0.025		260		
				180		
				260		
Fixed Core Heavy Duty Wire Guide		0.025		180	straight	
				145		
				260		
		0.035		180	curved	
				260		
		0.038		145		
				180		
				260		
		0.025		260		
				145		
				180		
		0.035		260		
				180		
				80		



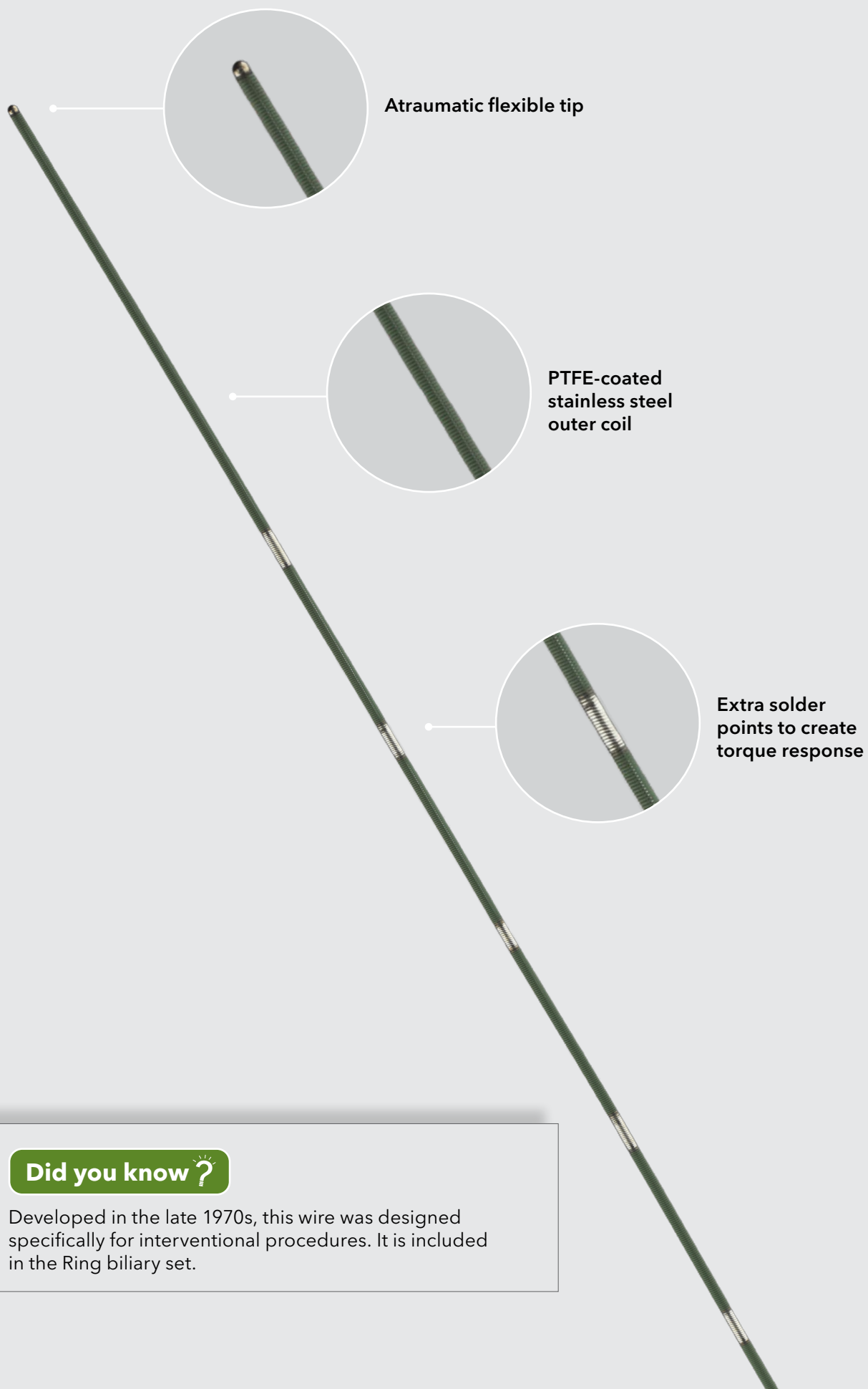




# Interventional wire guides

# Lunderquist-Ring

## TORQUE WIRE GUIDE



### Did you know?

Developed in the late 1970s, this wire was designed specifically for interventional procedures. It is included in the Ring biliary set.

# Lunderquist-Ring

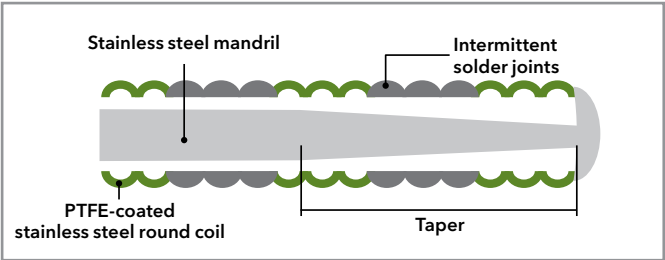
## TORQUE WIRE GUIDE

Fixed Core wire guides are intended to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- All devices on this order table are PTFE coated.
- Used to assist in inserting catheters, introducer sheaths, and other medical devices in non-vascular applications.

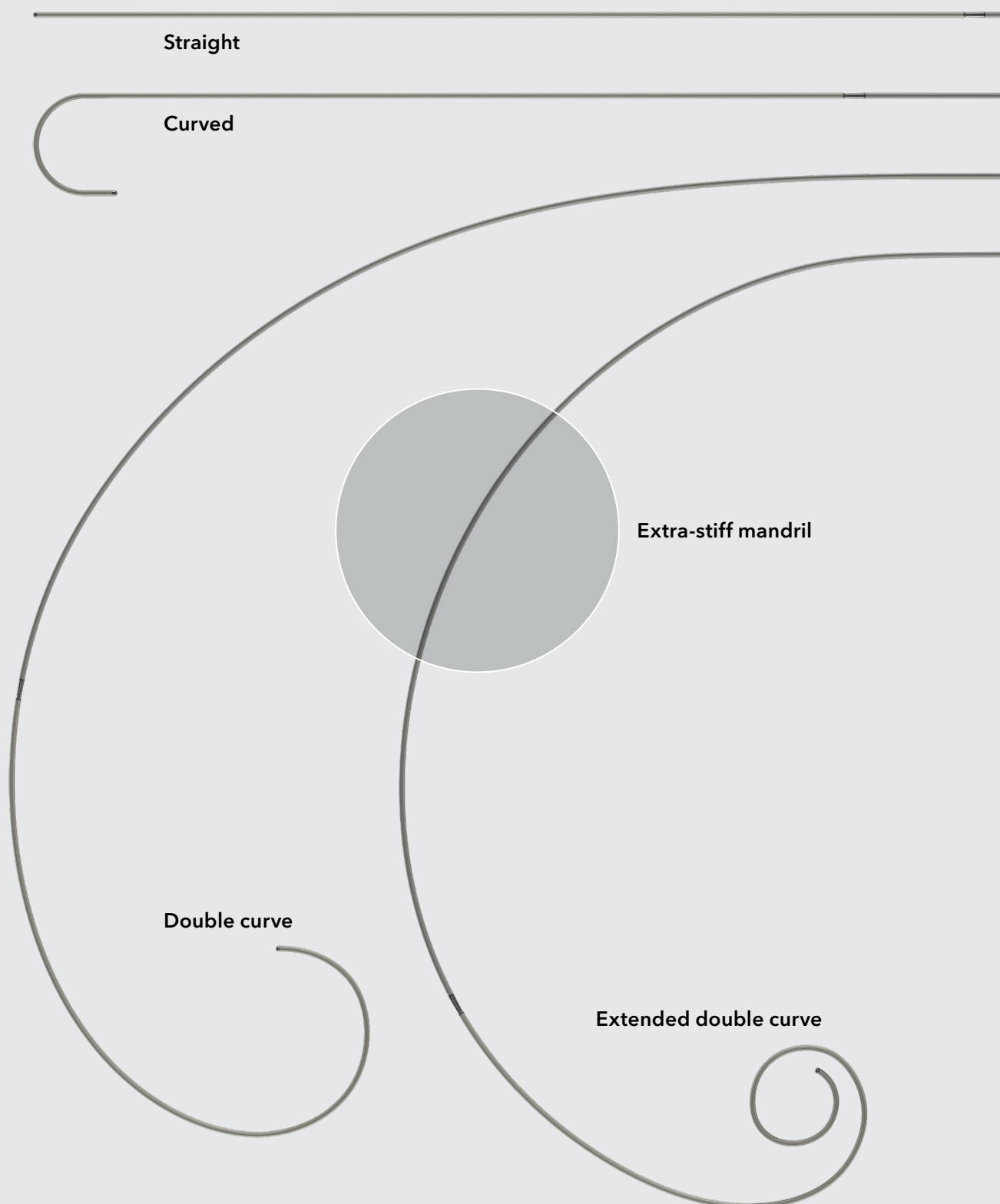
Order Number	Reference Part Number	Diameter inch	Length cm	Tip Configuration
<b>Straight</b>				
PTFE-Coated Stainless Steel				
G27031	THSF-35-125-THG	0.035	125	straight
G27033	THSF-35-145-THG	0.035	145	straight

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



# Lunderquist®

## EXTRA-STIFF WIRE GUIDE



### Did you know?

The Lunderquist Extra-Stiff Wire Guide was developed in Denmark in collaboration with Dr. Anders Lunderquist. It is well known as one of the most supportive wire guides in the medical industry for delivery of diagnostic and treatment devices.

# Lunderquist®

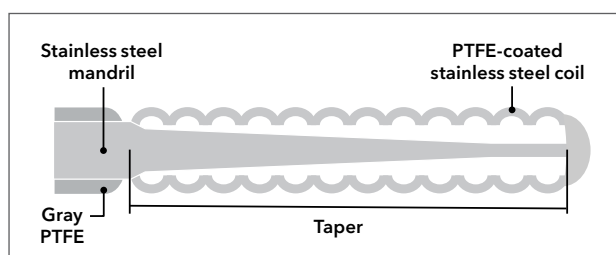
## EXTRA-STIFF WIRE GUIDE

The Lunderquist Extra-Stiff Wire Guides are intended to facilitate catheterization and/or placement of devices during vascular diagnostic procedures and vascular interventional procedures. The Lunderquist Extra Stiff Wire Guides are intended for use in the major vessels, the aorta and vena cava, including their access vessels and adjacent vessels.

- The Lunderquist Extra-Stiff Wire Guide is a PTFE-coated stainless steel wire guide. Lengths of  $\geq 260$  cm have 4 cm of tip flexibility, including an inner gold coil for enhanced visibility.
- Lengths of  $< 260$  cm have 4 or 7 cm of tip flexibility.
- The wire guide is used both to assist in anatomical access for other devices (not included) and to support the delivery of medical devices.
- The wire guide is introduced into the target vessel; other devices, such as a sheath, catheter, stent, or endovascular graft, can then be passed over the wire guide to be positioned or manipulated within the vascular system.

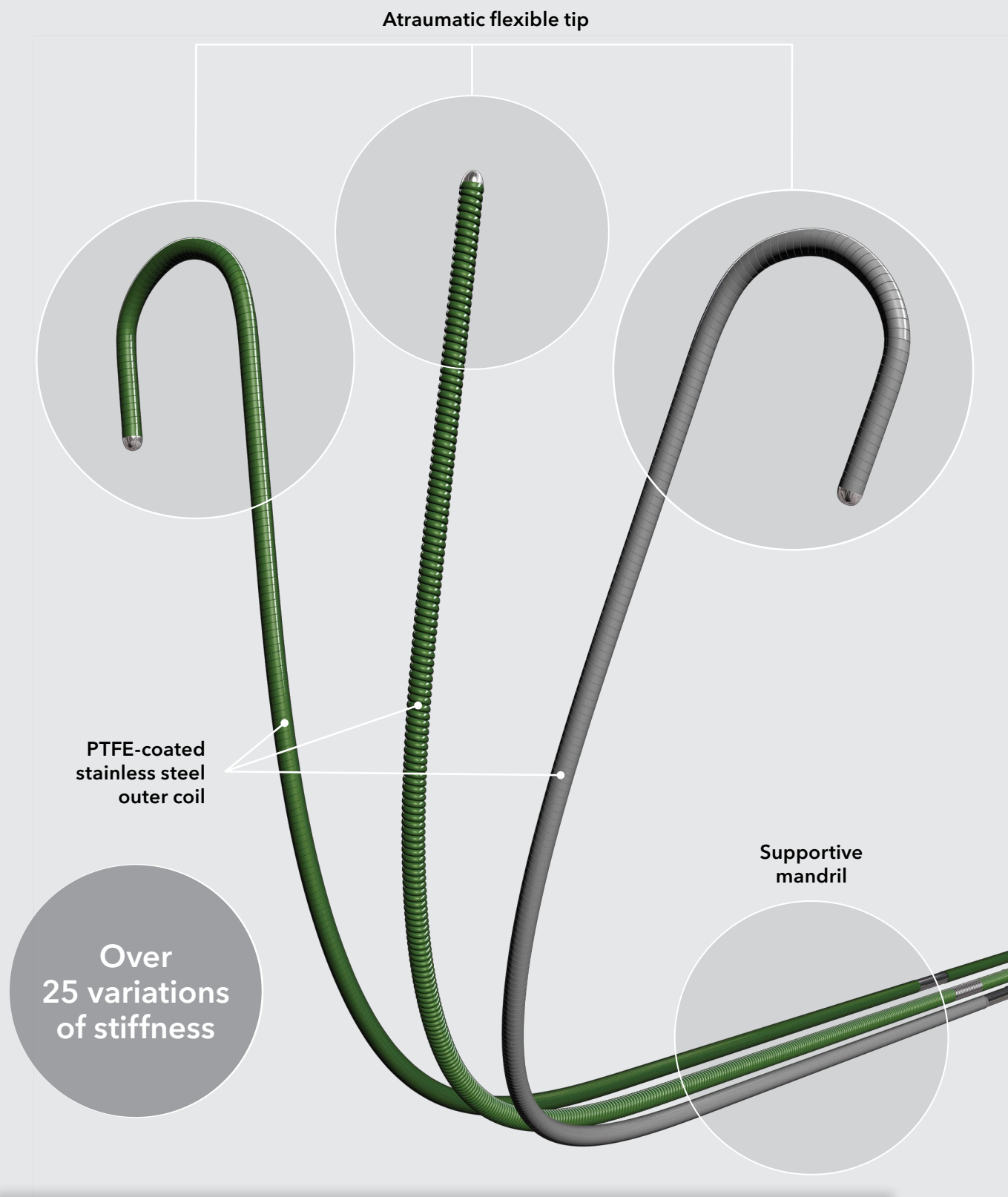
Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Curve Radius Primary/Secondary mm
<b>Straight</b>						
PTFE-Coated Stainless Steel						
G49224	TSMG-35-90-4-LES	0.035	90	11	4	straight
G49225	TSMG-35-90-7-LES	0.035	90	11	7	straight
G49227	TSMG-35-145-7-LES	0.035	145	11	7	straight
G46729	TSMG-35-180-4-LES	0.035	180	11	4	straight
G49228	TSMG-35-180-7-LES	0.035	180	11	7	straight
G31453	TSMG-35-260-LES	0.035	260	11	4	straight
G45352	TSMG-35-300-LES	0.035	300	11	4	straight
<b>Curved</b>						
PTFE-Coated Stainless Steel						
G45353	TSCMG-35-260-7-LES	0.035	260	11	4	7.5
G45407	TSCMG-35-300-7-LES	0.035	300	11	4	7.5
<b>Double Curve</b>						
PTFE-Coated Stainless Steel						
G45208	TSCMG-35-260-LESDC	0.035	260	11	4	75/15
G45408	TSCMG-35-300-LESDC	0.035	300	11	4	75/15
<b>Extended Double Curve</b>						
PTFE-Coated Stainless Steel						
G53967	TSCMG-35-260-E-LESDC	0.035	260	11	4	55/15
G53971	TSCMG-35-300-E-LESDC	0.035	300	11	4	55/15

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



# Amplatz

## SUPPORT WIRE GUIDE



### Did you know ?

Developed in 1985 in collaboration with Dr. Kurt Amplatz, the Amplatz Support Wire Guide is well known for its shaft stiffness. It is more supportive than a diagnostic starter wire guide such as Rosen or Bentson but not as supportive as a Lunderquist wire guide.

# Amplatz

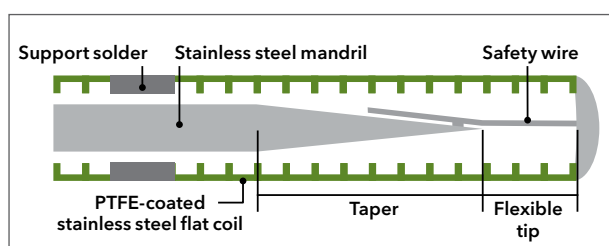
## SUPPORT WIRE GUIDE

Fixed Core wire guides are intended to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- It is available in a variety of diameters, lengths, and tip configurations.
- All devices on this order table are PTFE coated.

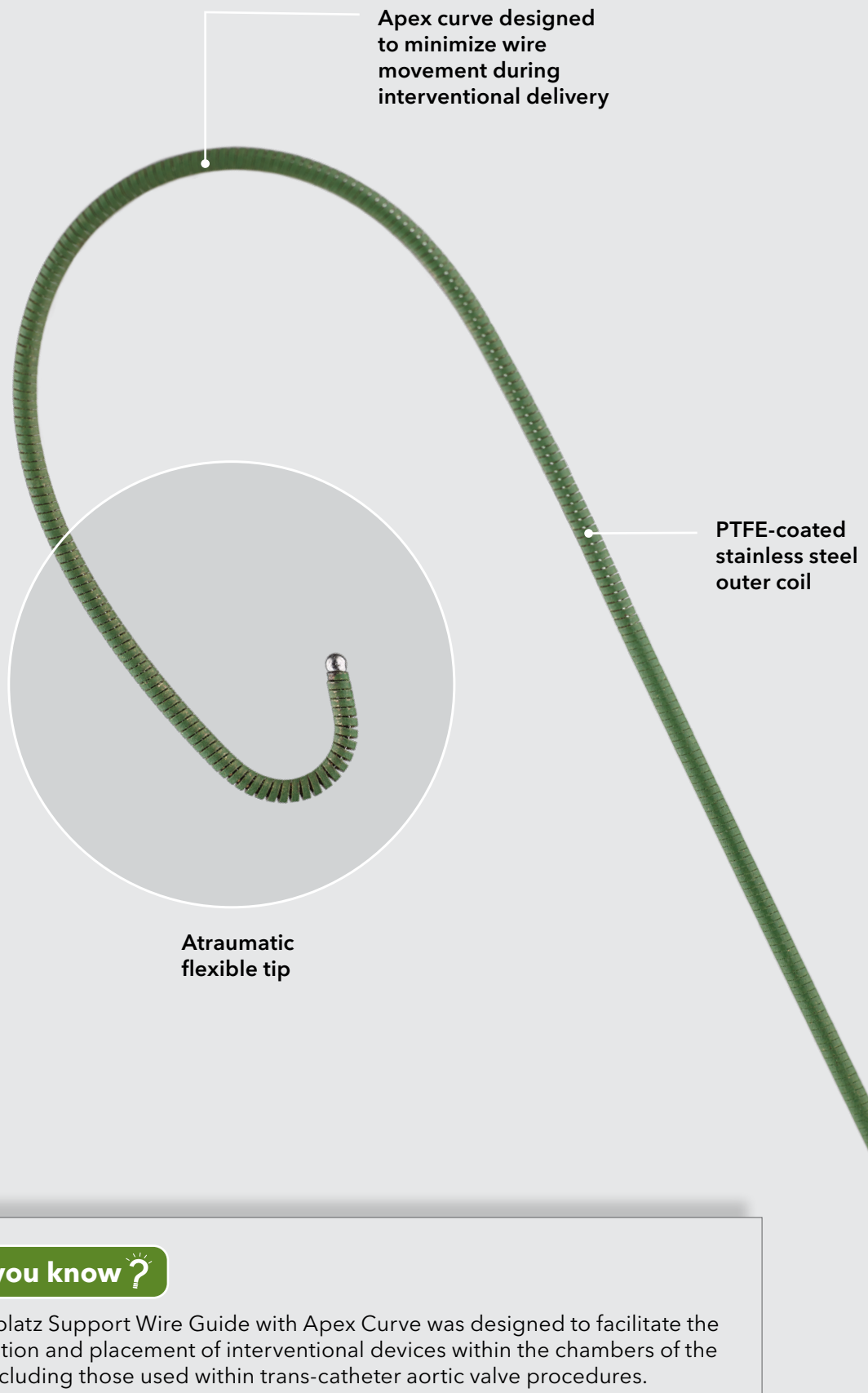
Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Curve Radius mm
<b>Stiff</b>						
Straight – PTFE-Coated Stainless Steel						
G28783	THSF-35-80-ASG	0.035	80	8	3	–
G27032	THSF-35-145-ASG	0.035	145	8	3	–
G28781	THSF-35-180-ASG	0.035	180	8	3	–
G27035	THSF-35-260-ASG	0.035	260	8	3	–
<b>Extra-Stiff</b>						
Straight – PTFE-Coated Stainless Steel						
G03279	THSF-25-145-AES	0.025	145	8	3	–
G04047	THSF-25-260-AES	0.025	260	8	3	–
G04003	THSF-35-80-AES	0.035	80	7	3	–
G23637	THSF-35-80-AES-ST	0.035	80	7	1	–
G03095	THSF-35-145-AES	0.035	145	7	3	–
G23638	THSF-35-145-AES-ST	0.035	145	7	1	–
G03330	THSF-35-180-AES	0.035	180	7	3	–
G23639	THSF-35-180-AES-ST	0.035	180	7	1	–
G03562	THSF-35-260-AES	0.035	260	7	3	–
G23640	THSF-35-260-AES-ST	0.035	260	7	1	–
G07515	THSF-35-260-AESW	0.035	260	4	2	–
G04001	THSF-35-300-AES	0.035	300	7	3	–
G23641	THSF-35-300-AES-ST	0.035	300	7	1	–
G03539	THSF-38-100-AES	0.038	100	9.5	3	–
<b>Extra-Stiff</b>						
Curved – PTFE-Coated Stainless Steel						
G03564	THSCF-25-180-3-AES	0.025	180	7	3	3
G03584	THSCF-32-180-3-AES	0.032	180	8	3	3
G03750	THSCF-32-260-3-AES	0.032	260	8	3	3
G04237	THSCF-35-80-3-AES	0.035	80	7	3	3
G03203	THSCF-35-145-3-AES	0.035	145	7	3	3
G03565	THSCF-35-180-3-AES	0.035	180	7	3	3
G03460	THSCF-35-260-3-AES	0.035	260	7	3	3
<b>Ultra-Stiff</b>						
Straight – PTFE-Coated Stainless Steel						
G10168	THSF-35-80-AUS	0.035	80	9.5	3	–
G09954	THSF-35-145-AUS	0.035	145	9.5	3	–
G09956	THSF-35-180-AUS	0.035	180	9.5	3	–

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



# Amplatz

## SUPPORT WIRE GUIDE WITH APEX CURVE



### Did you know ?

The Amplatz Support Wire Guide with Apex Curve was designed to facilitate the introduction and placement of interventional devices within the chambers of the heart, including those used within trans-catheter aortic valve procedures.



# Amplatz

## SUPPORT WIRE GUIDE WITH APEX CURVE

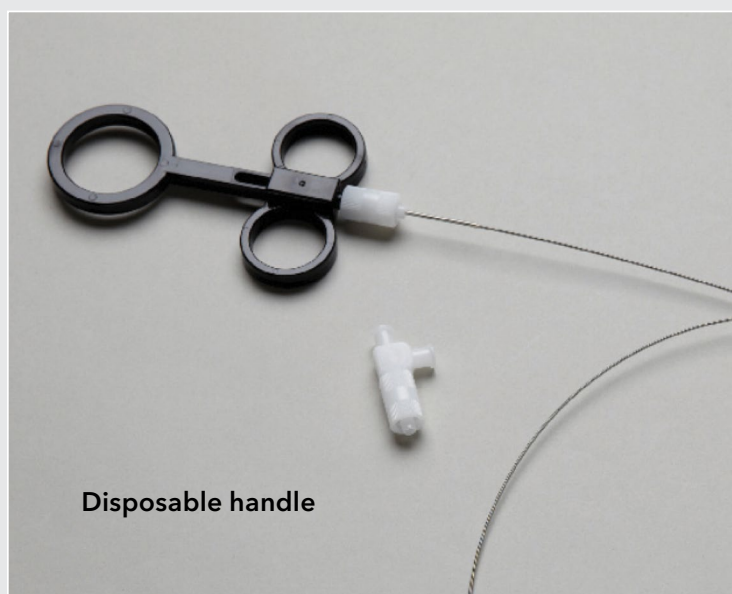
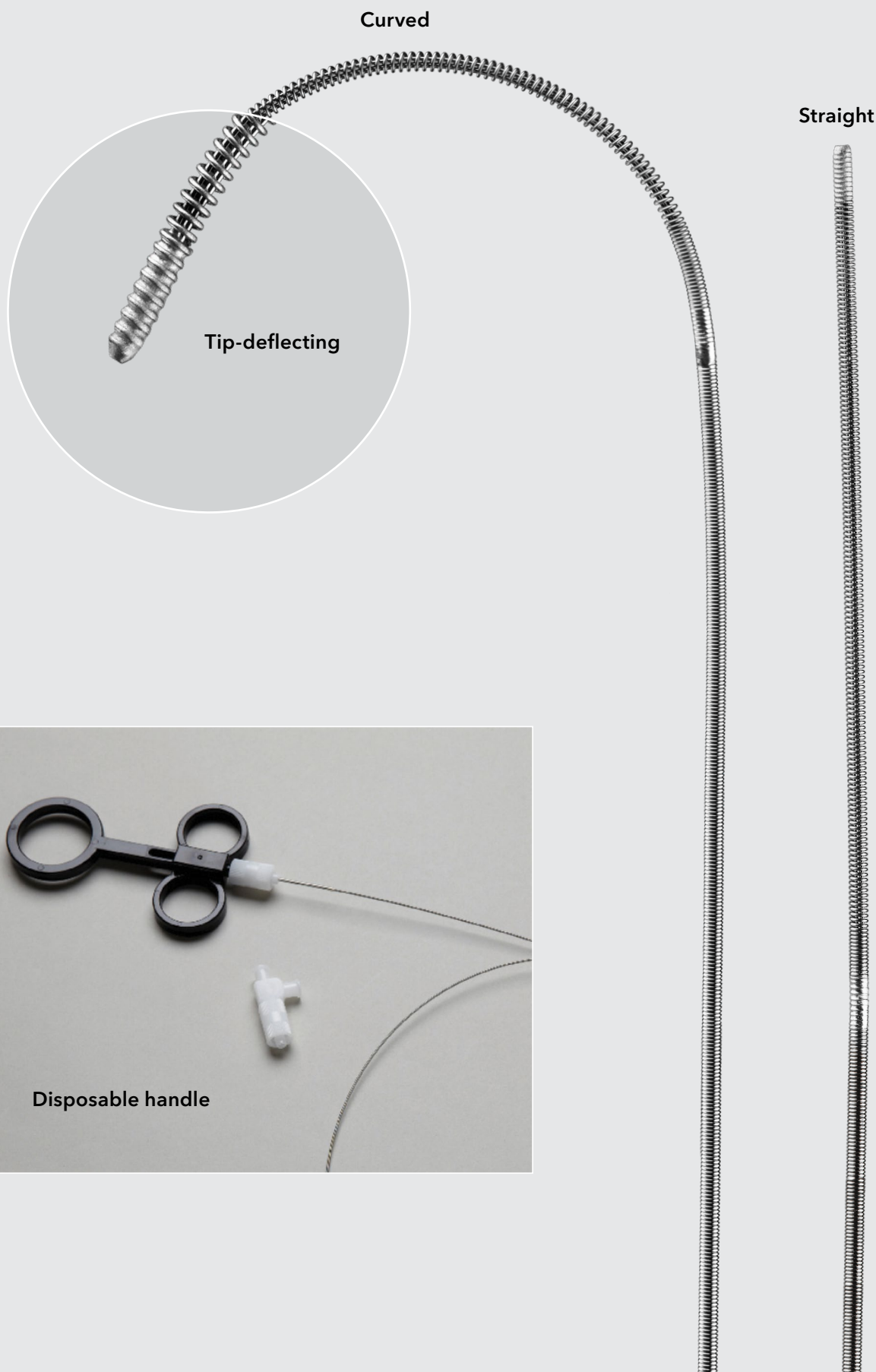
The Amplatz Support Wire Guide with Apex Curve is used to facilitate the placement of devices during diagnostic and interventional procedures. The Amplatz Support Wire Guide with Apex Curve is intended to facilitate the introduction and placement of interventional devices within the chambers of the heart including those used within trans-catheter aortic valve procedures.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Tip Curve Radius mm
<b>Extra-Stiff</b>					
Curved – PTFE-Coated Stainless Steel					
G04421	THSCF-35-260-APEX-1	0.035	260	20	8/2

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

# Reuter Tip-Deflecting

## WIRE GUIDE



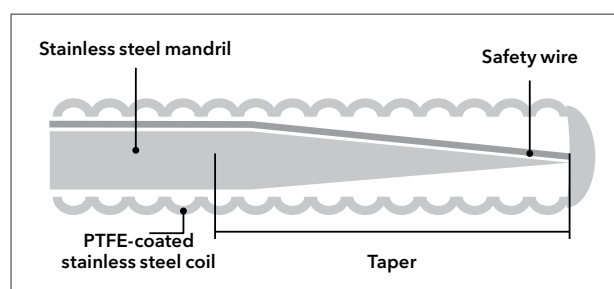
# Reuter Tip-Deflecting

## WIRE GUIDE

Used for curving or deflecting catheter tips for pulmonary angiography, selective angiography, translumbar aortography, bronchography, repositioning of central venous catheter tips, and other vascular and non-vascular applications.

Order Number	Reference Part Number	Diameter inch	Length cm	Tip Curve Radius mm
<b>With disposable handle</b>				
Stainless steel				
G07782	DTDW-25-80-5	0.025	80	5
G08648	DTDW-25-145-5	0.025	145	5
G26957	DTDW-35-110-10	0.035	110	10
G07899	DTDW-35-145-10	0.035	145	10
G07839	DTDW-35-145-5	0.035	145	5
G26958	DTDW-38-110-10	0.038	110	10

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



# Roadrunner®

## EXTRA-SUPPORT WIRE GUIDE

Highly visible  
platinum tip

Angled platinum  
coiled tip

Kink-resistant  
nitinol mandril

### Did you know ?

In 1993, Cook was the first company to create a coronary stent in the US. This nitinol wire guide was made specifically to support the Lumax® Guiding Catheter.

# Roadrunner®

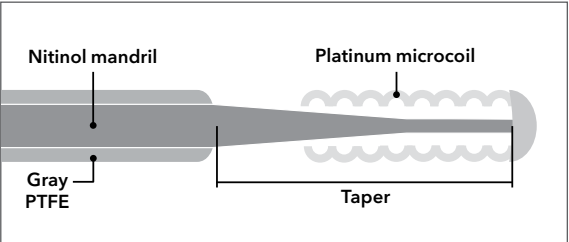
## EXTRA-SUPPORT WIRE GUIDE

The Roadrunner Extra-Support Wire Guide is intended for use in facilitating delivery of percutaneous catheters into the cardiovascular system.

- The Roadrunner Extra-Support Wire Guide features a gray, PTFE-coated nitinol shaft and a short, angled platinum coil tip.
- This device comes in two diameters and multiple lengths.
- A pin vise is included to aid in gripping the device.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm
<b>PTFE-Coated Nitinol with a Platinum Tip</b>					
G08777	RSTF-14-180	0.014	180	8.5	3
G08801	RSTF-14-300	0.014	300	8.5	3
G07557	RSTF-18-180	0.018	180	7	3
G07584	RSTF-18-270	0.018	270	7	3
G07640	RSTF-18-300	0.018	300	7	3

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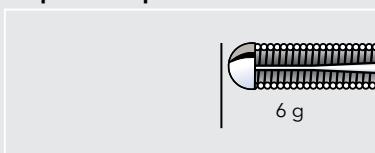
# Approach® CTO

## MICROWIRE GUIDE

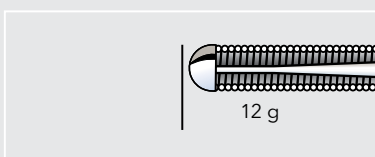


Platinum coil tip

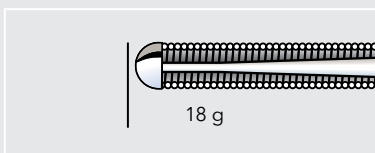
### Tip load options



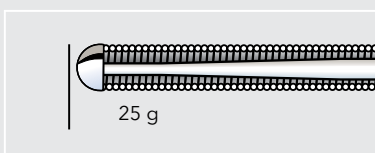
6 g



12 g



18 g



25 g

Shorter taper

Supportive shaft

# Approach® CTO

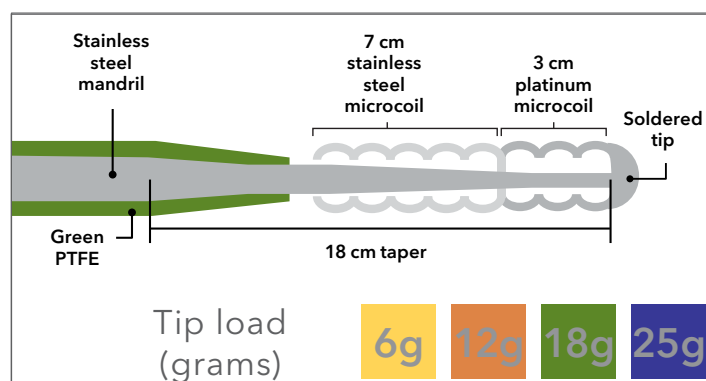
## MICROWIRE GUIDE

The Approach CTO Microwire Guide is intended for the use in facilitating delivery of percutaneous catheters into the peripheral vasculature. It is also indicated for the intraluminal placement of percutaneous catheters or other therapeutic devices beyond stenotic lesions (including chronic total occlusions) in the peripheral vasculature prior to further percutaneous intervention.

- The Approach CTO Microwire Guide has a 0.014 inch diameter and is available in a variety of lengths and tip configurations.
- The device has a PTFE-coated stainless steel shaft and distal stainless steel and platinum coils on the tip. The tip configurations differ in stiffness.


Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Load g
<b>PTFE-Coated Stainless Steel with a Stainless Steel and Platinum Tip</b>						
G50786	CMW-14-190-6G	0.014	190	18	10	6
G50790	CMW-14-300-6G	0.014	300	18	10	6
G50787	CMW-14-190-12G	0.014	190	18	10	12
G50791	CMW-14-300-12G	0.014	300	18	10	12
G50788	CMW-14-190-18G	0.014	190	18	10	18
G50792	CMW-14-300-18G	0.014	300	18	10	18
G50789	CMW-14-190-25G	0.014	190	18	10	25
G50793	CMW-14-300-25G	0.014	300	18	10	25

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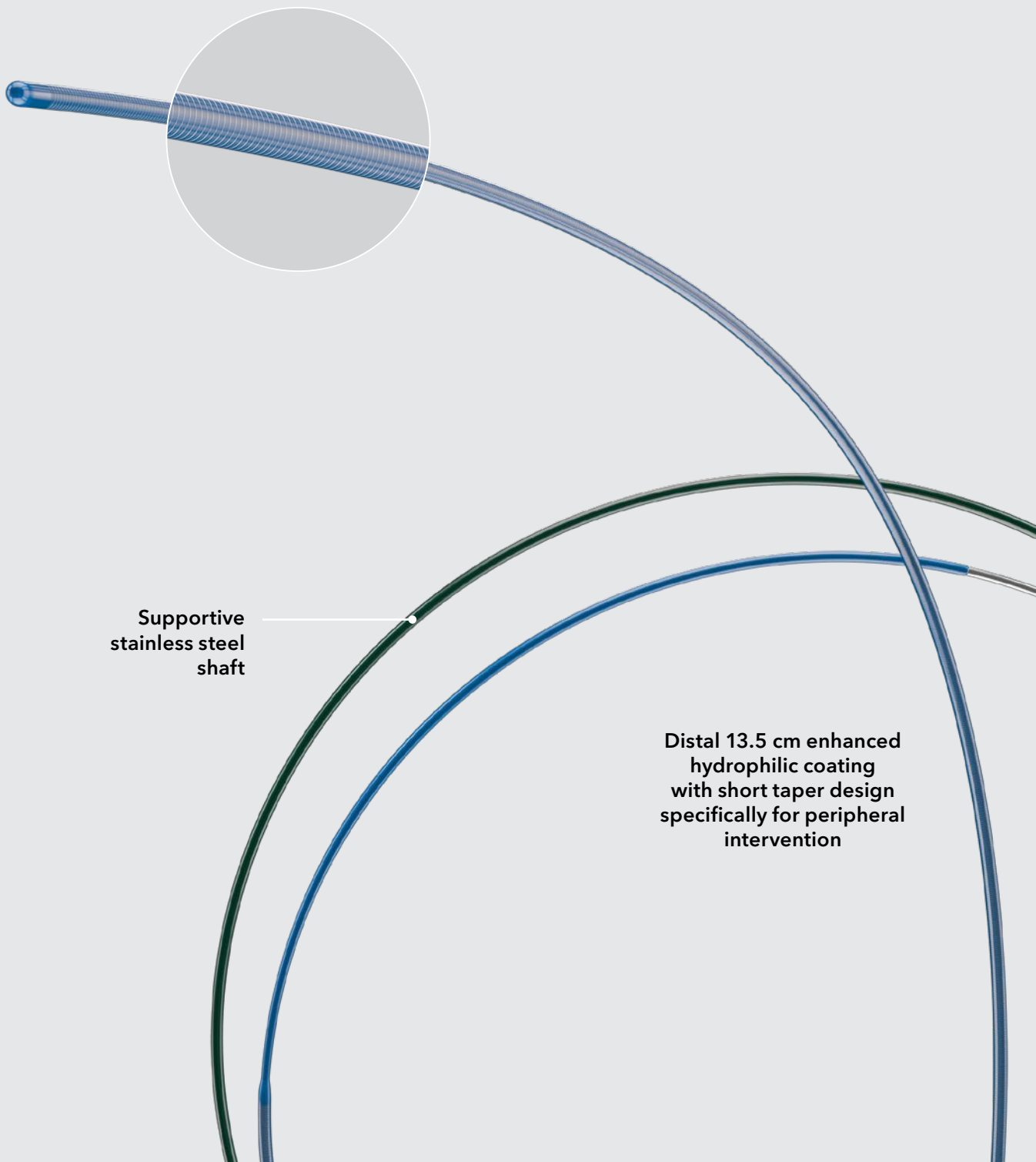


# Approach® Hydro ST

## MICROWIRE GUIDE

 Hydrophilic coating

Enhanced visualization with platinum coils



Supportive stainless steel shaft

Distal 13.5 cm enhanced hydrophilic coating with short taper design specifically for peripheral intervention



# Approach® Hydro ST

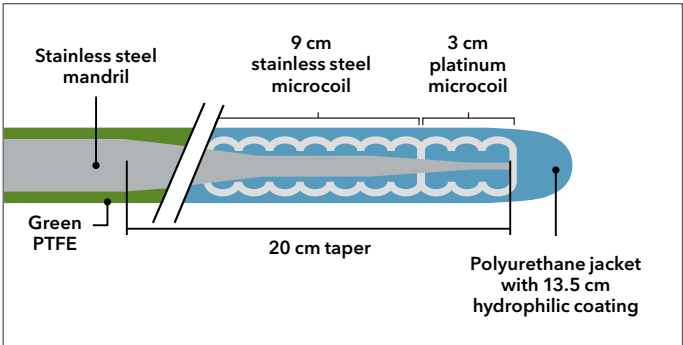
## MICROWIRE GUIDE

The Approach Hydro ST Microwire Guide is intended for use in facilitating the delivery of percutaneous catheters into the peripheral vasculature.

- The Approach Hydro ST Microwire Guide has a 0.014 inch diameter and is available in a variety of lengths and configurations.
- The device incorporates a stainless steel shaft with distal stainless steel and platinum coils and a hydrophilic flexible tip.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm
<b>PTFE-Coated Stainless Steel with a Hydrophilic Stainless Steel and Platinum Tip</b>					
G52937	HMW-14-135-ST	0.014	135	20	12
G52938	HMW-14-190-ST	0.014	190	20	12
G52939	HMW-14-300-ST	0.014	300	20	12

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



# Coons Interventional

## WIRE GUIDE



3.5 cm  
flexible tip

Supportive  
body

### Did you know ?

Developed in collaboration with Dr. Harold Coons in 1983, this interventional wire guide was designed to provide the necessary stiffness for difficult catheter placements with an increased margin of safety.

# Coons Interventional

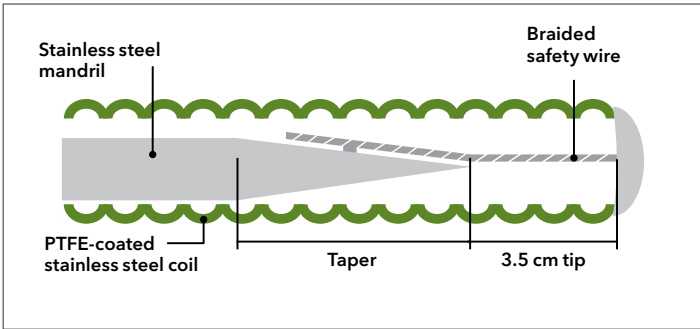
## WIRE GUIDE

Fixed Core wire guides are intended to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- It is available in a variety of diameters and lengths.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm
<b>Straight</b> PTFE-Coated Stainless Steel					
G12268	THSF-35-80-COONS	0.035	80	15	3.5
G02356	THSF-35-145-COONS	0.035	145	15	3.5
G02621	THSF-35-180-COONS	0.035	180	15	3.5
G02622	THSF-35-260-COONS	0.035	260	15	3.5
G04494	THSF-38-80-COONS	0.038	80	15	3.5
G02324	THSF-38-145-COONS	0.038	145	15	3.5

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






# Hydrophilic wire guides



# Roadrunner® PC

## HYDROPHILIC WIRE GUIDE

 Hydrophilic coating

Platinum tip for increased visibility

Nitinol mandril

### Did you know?

This 0.035 inch diameter wire guide includes a polymer jacket. It was developed with multiple options in flexibility, body, and taper lengths to provide clinicians with more procedural choices.

# Roadrunner® PC

## HYDROPHILIC WIRE GUIDE


The Roadrunner PC Hydrophilic Wire Guide is used for complex diagnostic and interventional procedures.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Configuration
<b>Nimble® – Flexible Shaft</b>						
Polyurethane-Coated Nitinol Mandril and Platinum Tip						
G09607	RFSPC-35-145	0.035	145	12	3	angled
G09608	RFSPC-35-180	0.035	180	12	3	angled
G09609	RFSPC-35-260	0.035	260	12	3	angled
<b>Nimble® Floppy – Flexible Shaft</b>						
Polyurethane-Coated Nitinol Mandril and Platinum Tip						
G07914	RFPC-35-145	0.035	145	9	3	angled
G07937	RFPC-35-180	0.035	180	9	3	angled
<b>The Firm™ – Stiff Shaft</b>						
Polyurethane-Coated Nitinol Mandril and Platinum Tip						
G09534	RPC-35-80	0.035	80	10.5	3	angled
G06979	RPC-35-145	0.035	145	10.5	3	angled
G07518	RPC-35-180	0.035	180	10.5	3	angled
G09105	RPC-35-260	0.035	260	10.5	3	angled
<b>The Firm™ LT – Stiff Shaft</b>						
Polyurethane-Coated Nitinol Mandril and Platinum Tip						
G06866	RLPC-35-145	0.035	145	18.5	3	angled
G07516	RLPC-35-180	0.035	180	18.5	3	angled
G09535	RLPC-35-260	0.035	260	18.5	3	angled

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

# Roadrunner® UniGlide®

## HYDROPHILIC WIRE GUIDE

 Hydrophilic coating

Tungsten-impregnated jacket for enhanced visibility

Multiple tip configurations

Standard and stiff nitinol shaft

Included in packaging



Torque device



Scoop-shaped wire inserter



# Roadrunner® UniGlide®

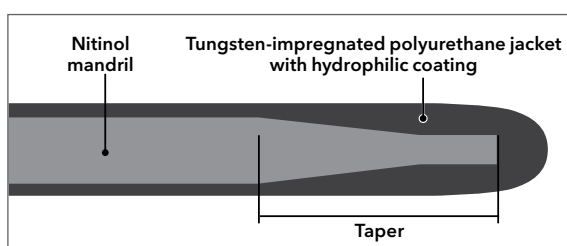
## HYDROPHILIC WIRE GUIDE

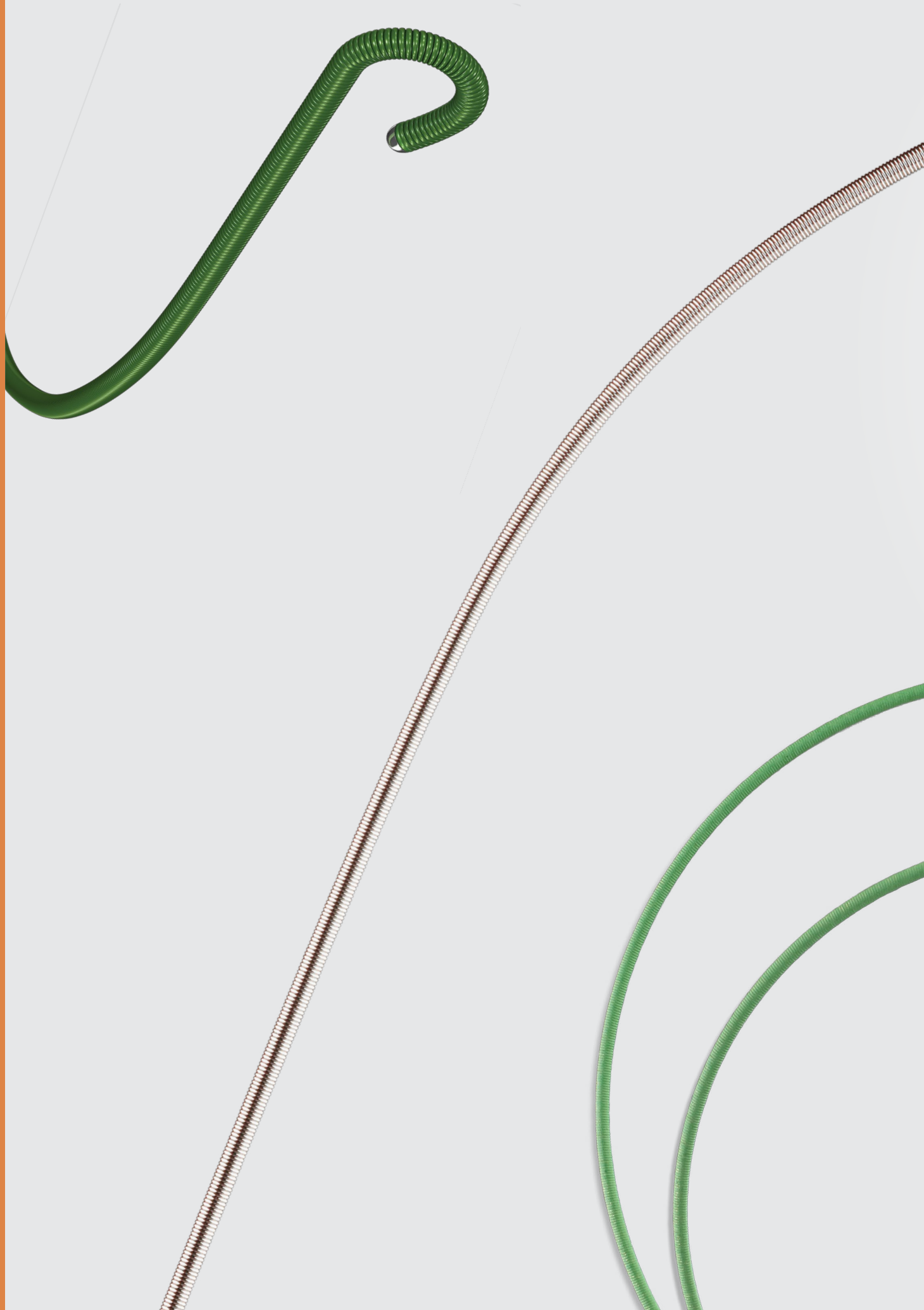
The Roadrunner UniGlide Hydrophilic Wire Guide is intended for use in facilitating the delivery of percutaneous catheters into the peripheral vasculature.

- The Roadrunner UniGlide Hydrophilic Wire Guide is constructed from a steerable, metallic core with a polymer coating.
- This device is available in lengths from 80 cm up to 320 cm.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm
<b>Standard Shaft with a Straight Tip</b>					
Nitinol with a Tungsten-Impregnated Polyurethane Jacket					
G56139	HPW-18-80	0.018	80	14	3
G56140	HPW-18-150	0.018	150	14	3
G56141	HPW-18-180	0.018	180	14	3
G30499	HPW-18-260	0.018	260	14	3
G30500	HPW-18-320	0.018	320	14	3
G56148	HPW-35-80	0.035	80	14	3
G56149	HPW-35-150	0.035	150	14	3
G56150	HPW-35-180	0.035	180	14	3
G30502	HPW-35-260	0.035	260	14	3
G30503	HPW-35-320	0.035	320	14	3
<b>Standard Shaft with an Angled Tip</b>					
Nitinol with a Tungsten-Impregnated Polyurethane Jacket					
G56162	HPWA-18-80	0.018	80	14	3
G56161	HPWA-18-150	0.018	150	14	3
G56160	HPWA-18-180	0.018	180	14	3
G30489	HPWA-18-260	0.018	260	14	3
G30490	HPWA-18-320	0.018	320	14	3
G56172	HPWA-35-80	0.035	80	14	3
G56173	HPWA-35-150	0.035	150	14	3
G56174	HPWA-35-180	0.035	180	14	3
G30492	HPWA-35-260	0.035	260	14	3
G30493	HPWA-35-320	0.035	320	14	3
<b>Stiff Shaft with a Straight Tip</b>					
Nitinol with a Tungsten-Impregnated Polyurethane Jacket					
G56151	HPWS-35-80	0.035	80	20	3
G56152	HPWS-35-150	0.035	150	20	3
G56153	HPWS-35-180	0.035	180	20	3
G30496	HPWS-35-260	0.035	260	20	3
G30497	HPWS-35-320	0.035	320	20	3
<b>Stiff Shaft with an Angled Tip</b>					
Nitinol with a Tungsten-Impregnated Polyurethane Jacket					
G56175	HPWAS-35-80	0.035	80	20	3
G56176	HPWAS-35-150	0.035	150	20	3
G56177	HPWAS-35-180	0.035	180	20	3
G30506	HPWAS-35-260	0.035	260	20	3
G30507	HPWAS-35-320	0.035	320	20	3

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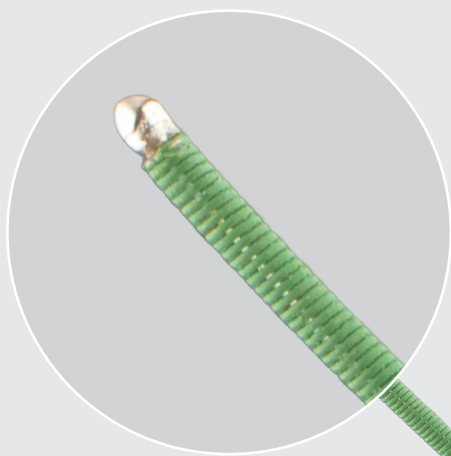


The image features three diagnostic wire guides against a light gray background. One wire guide is red and is positioned in the upper left corner, curving upwards. Two other wire guides are green; one is positioned in the middle left, curving downwards, and the other is in the lower left, curving upwards. All three wire guides have a braided texture and a small metal loop at their distal ends.

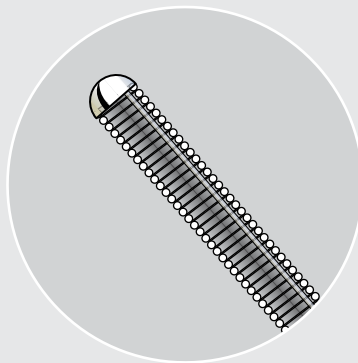
# Diagnostic wire guides

## Bentson

### WIRE GUIDE



6 cm flexible tip



20 cm total flexible length

Stainless steel inner mandril  
with PTFE coating

#### Did you know?

Dr. John Bentson improved the design of early wire guides by creating a more supple wire guide that featured a flexible, atraumatic tip. Cook Medical began manufacturing the Bentson Wire Guide in 1973.

# Bentson

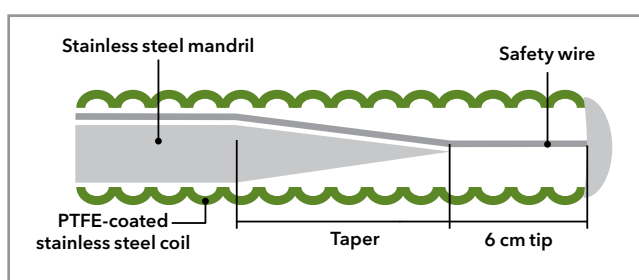
## WIRE GUIDE

Fixed Core wire guides are intended to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- It is available in a variety of diameters, lengths, and tip configurations.
- All of the devices on this order table are PTFE coated.

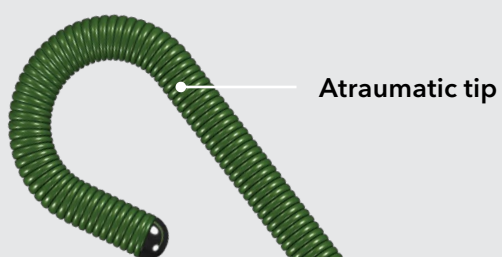
Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm
<b>Standard</b>					
PTFE-Coated Stainless Steel					
G04194	TSFB-18-180	0.018	180	16	6
G00856	TSFB-25-145	0.025	145	18	6
G01315	TSFB-35-80	0.035	80	15	6
G01282	TSFB-35-100	0.035	100	15	6
G00691	TSFB-35-145	0.035	145	15	6
G01290	TSFB-35-180	0.035	180	15	6
G01095	TSFB-35-200	0.035	200	15	6
G01063	TSFB-35-260	0.035	260	15	6
<b>Plus – Stiffened Shaft</b>					
PTFE-Coated Stainless Steel					
G09735	TSFBP-35-145	0.035	145	15	6
G09782	TSFBP-35-180	0.035	180	15	6
G10126	TSFBP-35-260	0.035	260	15	6

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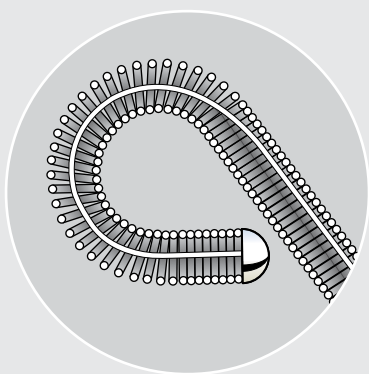


## Rosen

### WIRE GUIDE



PTFE coating  
to ease coaxial  
use with other  
devices



Unique  
supportive  
stiffness

#### Did you know ?

For the past 50 years, the Rosen Wire Guide has helped physicians target specific vessels in the anatomy due its tight J-shape.

# Rosen

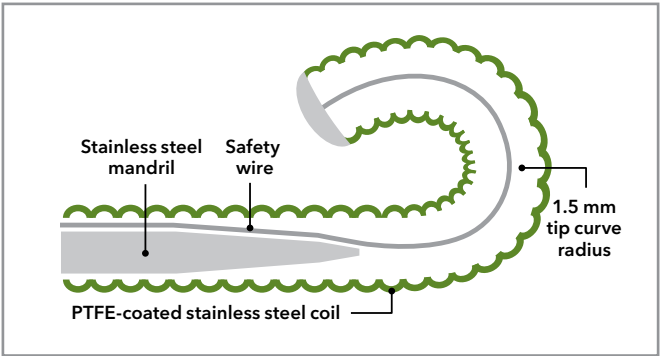
## WIRE GUIDE

Fixed Core wire guides are intended to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.

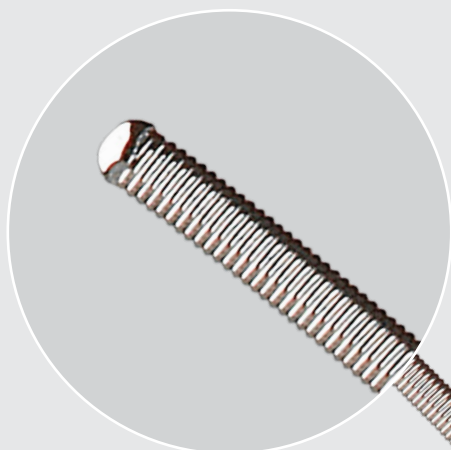
Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Curve Radius mm
<b>PTFE-Coated Stainless Steel</b>						
G01774	THSCF-35-80-1.5-ROSEN	0.035	80	4.5	1.5	1.5
G01261	THSCF-35-145-1.5-ROSEN	0.035	145	4.5	1.5	1.5
G01264	THSCF-35-180-1.5-ROSEN	0.035	180	4.5	1.5	1.5
G01623	THSCF-35-220-1.5-ROSEN	0.035	220	4.5	1.5	1.5
G01253	THSCF-35-260-1.5-ROSEN	0.035	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 Support & Distribution for details.

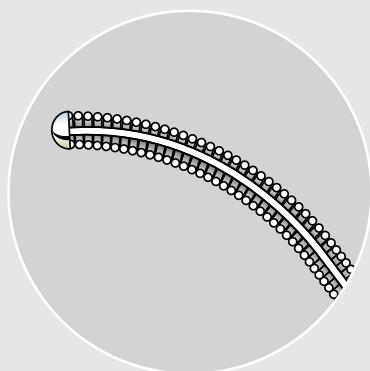


# Cope Mandril

## WIRE GUIDE



High-visibility  
platinum tip



Nitinol mandril  
options  
for added  
kink resistance

Stainless steel  
mandril options  
for added  
support

### Did you know ?

Bill Cook met Dr. Constantin Cope in the 1970s, and their discussions resulted in many products lines, from gastroenterology to neurology. In 1980, Cook was the first to develop the Cope Mandril, a small-diameter wire guide that provides increased proximal rigidity.



# Cope Mandril

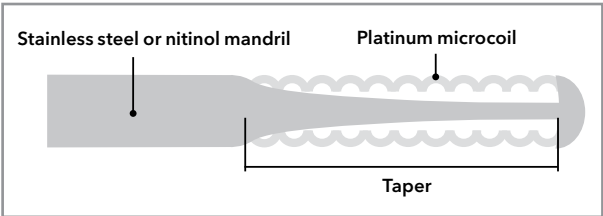
## WIRE GUIDE

The Cope Mandril Wire Guide is used to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a core mandril of stainless steel or nitinol.
- Attached at the distal end is a coil of platinum.

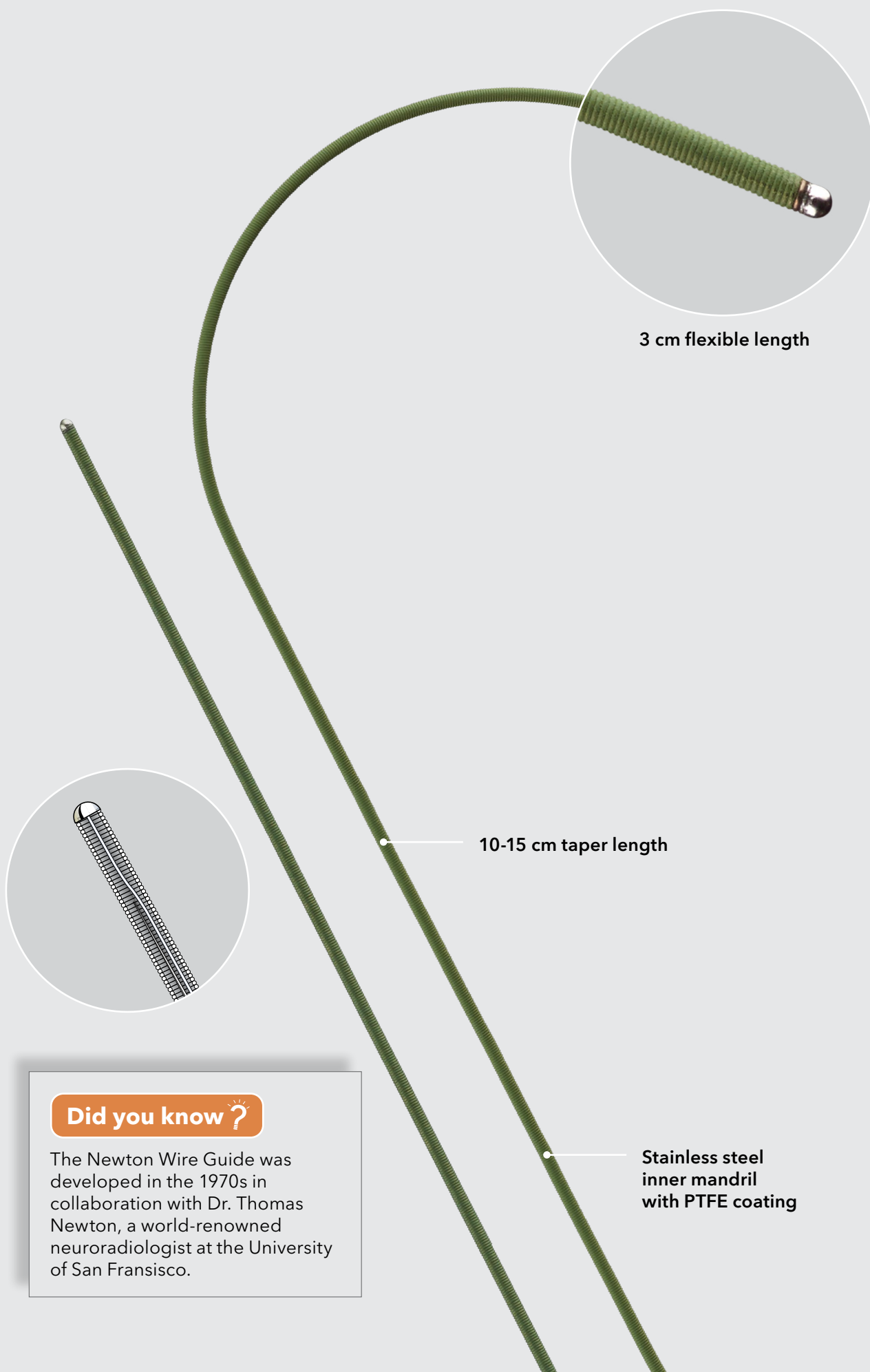
Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm
<b>Stainless Steel with a Platinum Tip</b>					
G05183	PMG-18SP-60-COPE	0.018	60	7	7
G05822	PMG-18SP-100-COPE	0.018	100	7	7
G10077	PMG-18SP-125-COPE	0.018	125	7	7
<b>Nitinol with a Platinum Tip</b>					
G09395	PMG-18SP-60-COPE-NT-ST	0.018	60	3.25	3
G08427	PMG-18SP-60-COPE-NT	0.018	60	7.25	7
G08687	PMG-18SP-100-COPE-NT	0.018	100	7.25	7
G08733	PMG-18SP-125-COPE-NT	0.018	125	7.25	7

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## Newton

### WIRE GUIDE



#### Did you know ?

The Newton Wire Guide was developed in the 1970s in collaboration with Dr. Thomas Newton, a world-renowned neuroradiologist at the University of San Francisco.

# Newton

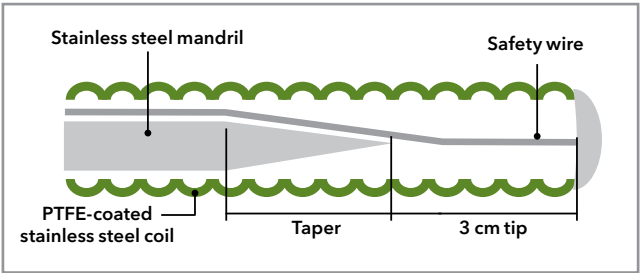
## WIRE GUIDE

Fixed Core wire guides are intended to facilitate the placement of devices during diagnostic and interventional procedures.

- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- It is available in a variety of lengths and tip configurations.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Curve Radius mm
<b>Straight</b>						
PTFE-Coated Stainless Steel						
G00701	TSFNA-35-145	0.035	145	10	3	–
G00715	TSFNB-35-145	0.035	145	15	3	–
G00794	TSFNA-35-260	0.035	260	10	3	–
<b>Curved</b>						
PTFE-Coated Stainless Steel						
G00561	TSCFNA-35-145-3	0.035	145	10	3	3
G00559	TSCFNA-35-145-15	0.035	145	10	3	15
G00572	TSCFNB-35-145-15	0.035	145	15	3	15

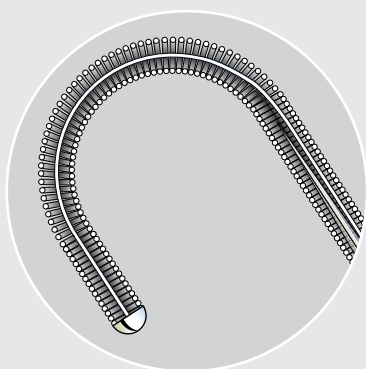
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Support & Distribution for details.



## Fixed Core

### WIRE GUIDE

Atraumatic J-tip  
configuration

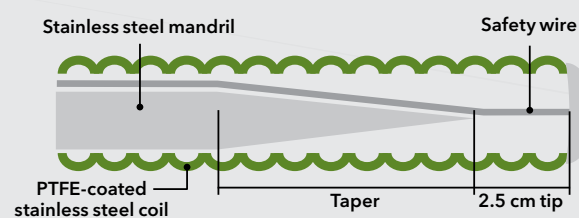


Heavy-duty wire guide  
has the same body as  
the Rosen wire guide

Comprehensive  
portfolio  
of your go-to  
heavy-duty  
wires

#### Did you know ?

In 1965, Cook became the first manufacturer to introduce safety wire construction and the patented Safe-T-J wire guide.



# Fixed Core

## WIRE GUIDE

The Fixed Core Wire Guide is intended to facilitate the placement of devices during diagnostic and interventional procedures.

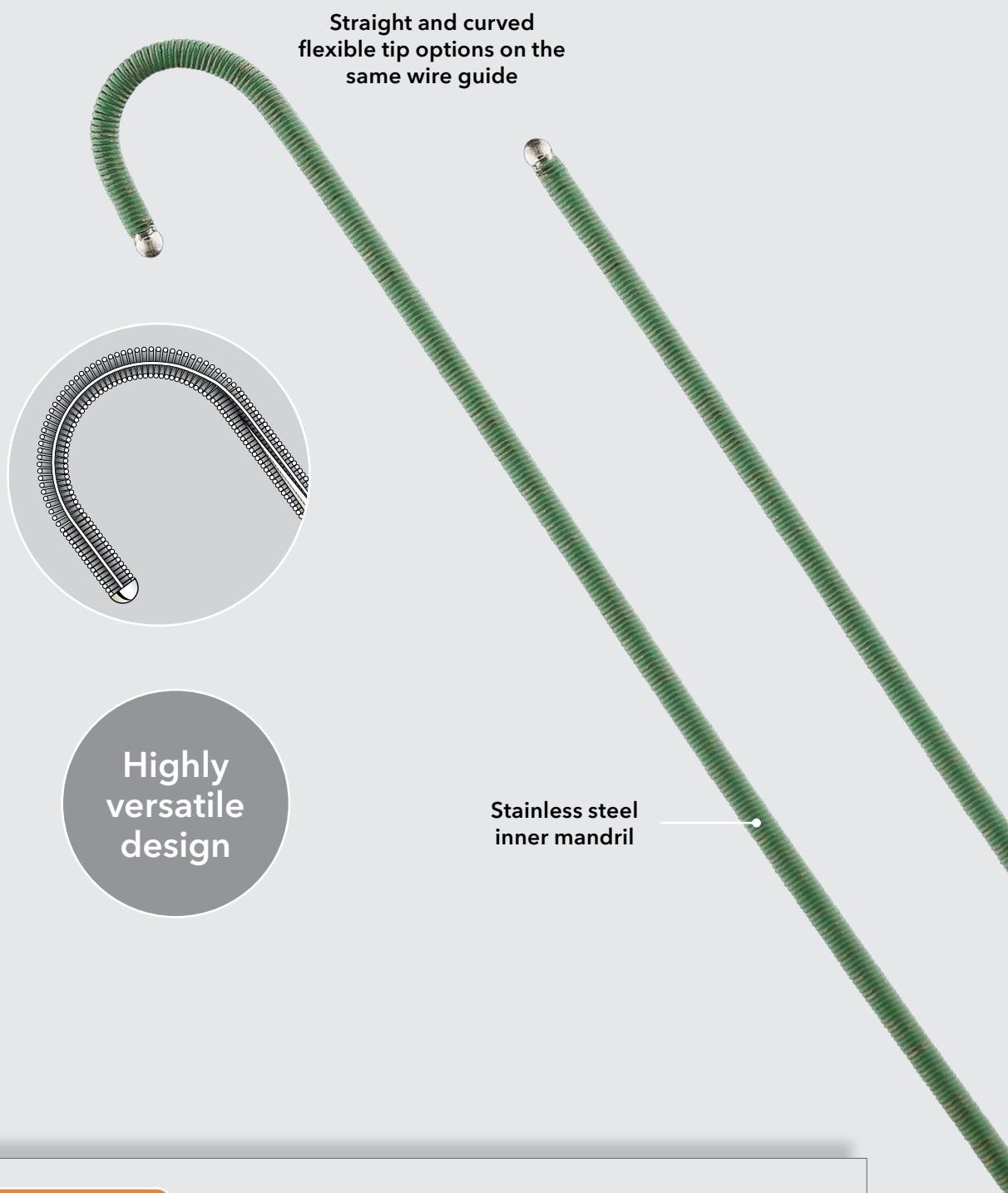
- It has a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- It is available in a variety of diameters, lengths, and tip configurations.

Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Curve Radius mm
<b>Safe-T-J® Tip – PTFE-Coated Stainless Steel</b>						
G02160	TSCF-18-180-3	0.018	180	7	2.5	3
G00456	TSCF-21-50-3	0.021	50	7	2.5	3
G01793	TSCF-21-180-3	0.021	180	7	2.5	3
G00455	TSCF-21-260-3	0.021	260	7	2.5	3
G00466	TSCF-25-145-3	0.025	145	7	2.5	3
G01602	TSCF-25-180-3	0.025	180	7	2.5	3
G00471	TSCF-25-260-3	0.025	260	7	2.5	3
G00488	TSCF-32-145-3	0.032	145	6	2.5	3
G02335	TSCF-32-180-3	0.032	180	6	2.5	3
G00524	TSCF-35-50-3	0.035	50	6	2.5	3
G00529	TSCF-35-80-3	0.035	80	6	2.5	3
G00527	TSCF-35-80-15	0.035	80	6	6	15
G00511	TSCF-35-145-3	0.035	145	6	2.5	3
G00509	TSCF-35-145-15	0.035	145	6	6	15
G00902	TSCF-35-180-3	0.035	180	6	2.5	3
G02481	TSCF-35-180-15	0.035	180	6	6	15
G00517	TSCF-35-260-3	0.035	260	6	2.5	3
G00516	TSCF-35-260-15	0.035	260	6	6	15
G00552	TSCF-38-80-3	0.038	80	6	2.5	3
G00541	TSCF-38-145-3	0.038	145	6	2.5	3
<b>Heavy Duty with a Safe-T-J® Tip – PTFE-Coated Stainless Steel</b>						
G02165	THSCF-25-180-3	0.025	180	7	2.5	3
G02384	THSCF-25-260-3	0.025	260	7	2.5	3
G03133	THSCF-32-260-3	0.032	260	7	2.5	3
G04069	THSCF-35-80-3	0.035	80	7	2.5	3
G00412	THSCF-35-145-3	0.035	145	7	2.5	3
G01151	THSCF-35-180-15	0.035	180	7	6	15
G01197	THSCF-35-260-3	0.035	260	7	2.5	3
G07763	THSCF-38-80-7.5	0.038	80	9	4	7.5
<b>Straight Tip – PTFE-Coated Stainless Steel</b>						
G00593	TSF-18-50	0.018	50	7	2	–
G00587	TSF-18-145	0.018	145	7	2	–
G00590	TSF-18-260	0.018	260	7	2	–
G00609	TSF-21-50	0.021	50	7	2	–
G00602	TSF-21-145	0.021	145	7	2	–
G00617	TSF-25-145	0.025	145	7	2	–
G00638	TSF-32-145	0.032	145	6	2	–
G00661	TSF-35-50	0.035	50	6	2	–
G00664	TSF-35-80	0.035	80	6	2	–
G00650	TSF-35-145	0.035	145	6	2	–
G00652	TSF-35-180	0.035	180	6	2	–
G00655	TSF-35-260	0.035	260	6	2	–
<b>Heavy Duty with a Straight Tip – PTFE-Coated Stainless Steel</b>						
G02109	THSF-25-180	0.025	180	7	2	–
G01057	THSF-35-145	0.035	145	7	2	–
G00426	THSF-38-145	0.038	145	9	2	–

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

# Double Flexible-Tipped

## WIRE GUIDE



### Did you know ?

In 1968, Cook developed the first double flexible-tipped wire guide. This guide combines a straight flexible tip and a J-shaped flexible tip. The double flexible-tipped design permits alternative use of both ends of the wire guide, depending upon procedural needs.

# Double Flexible-Tipped

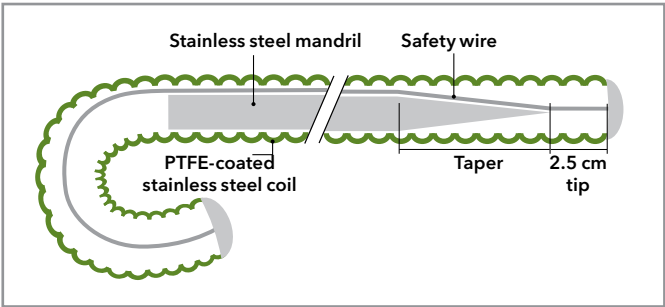
## WIRE GUIDE

The Double Flexible-Tipped Wire Guide is used to facilitate the placement of devices during diagnostic and interventional procedures.

- The Double Flexible-Tipped Wire Guide is made with a stainless steel inner mandril and a PTFE-coated stainless steel outer coil.
- These wires have two usable ends.

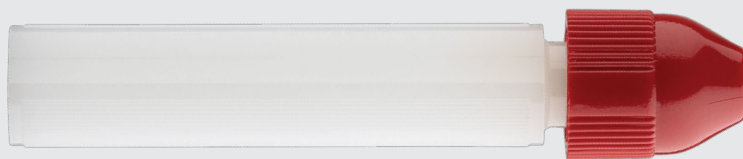
Order Number	Reference Part Number	Diameter inch	Length cm	Taper Length cm	Flexible Tip Length cm	Tip Curve Radius mm
<b>Straight and Curved</b> PTFE-Coated Stainless Steel						
G00364	TD0C-35-50-0-3	0.035	50	10	2.5	3
G00362	TD0C-35-145-0-3	0.035	145	10	2.5	3

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## Wire Guide Accessories

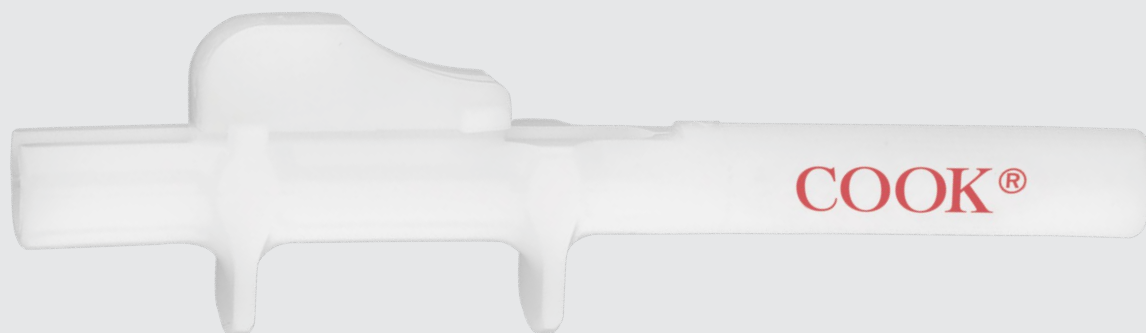
### PIN VISE



#### Did you know ?

The Pin Vise was designed to use in combination with non-polymer-coated mandril wire guides.

### OLCOTT TORQUE DEVICE



#### Did you know ?

The Olcott Torque Device was designed to be used in combination with polymer-coated wire guides.



## Pin Vise

- It is compatible with wire guides up to 0.042 inch in diameter.

Order Number	Reference Part Number
G03468	PPV-100

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

## Olcott Torque Device

The Olcott Torque Device is used to facilitate directional control of high-torque wire guides.

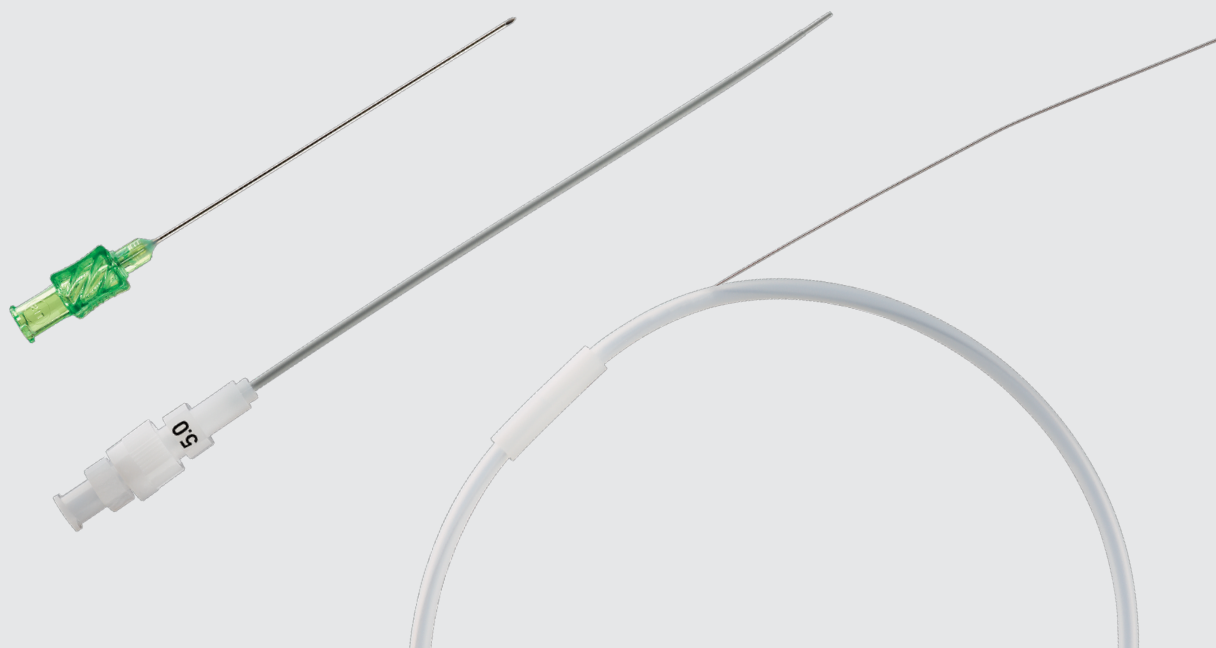
- It is compatible with wire guides 0.014–0.045 inch in diameter.

Order Number	Reference Part Number
G13811	OTD-100

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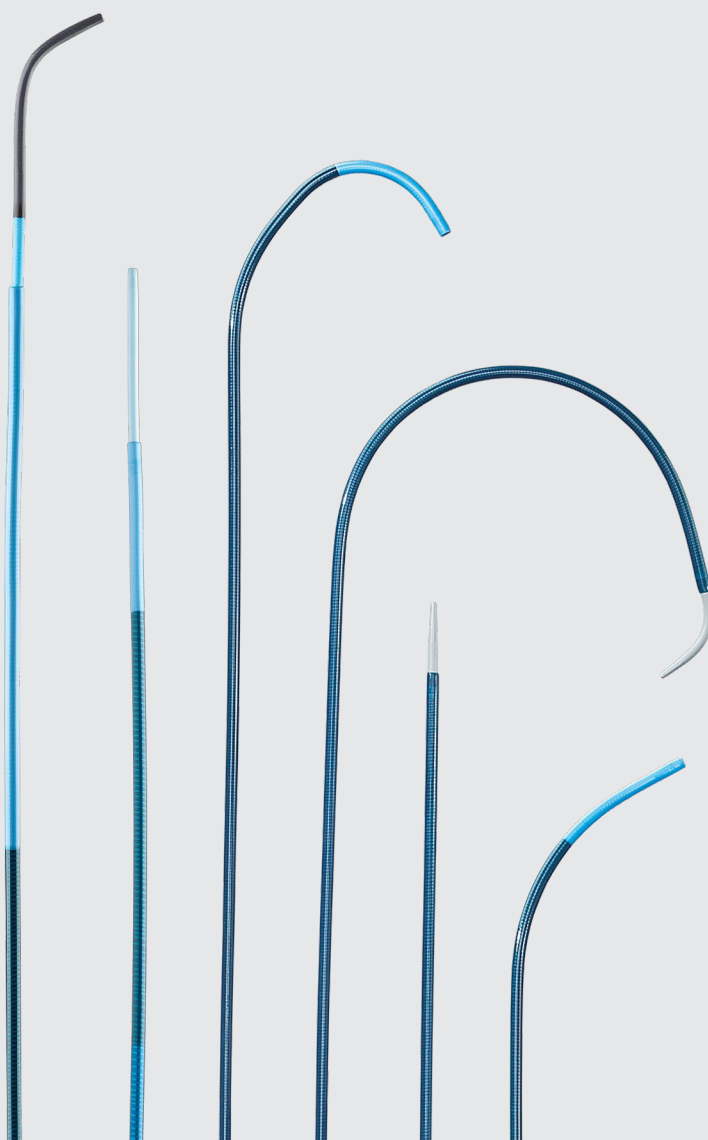
# Micropuncture<sup>®</sup>

ACCESS SET



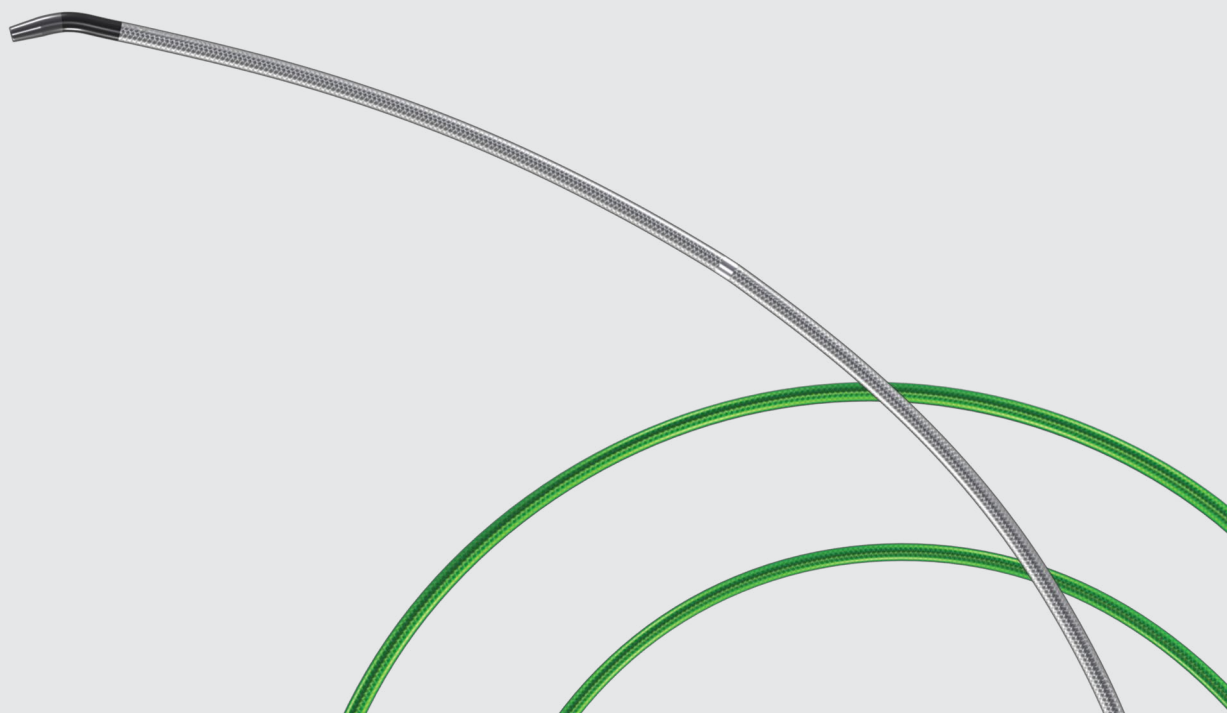
# Flexor<sup>®</sup>

INTRODUCER



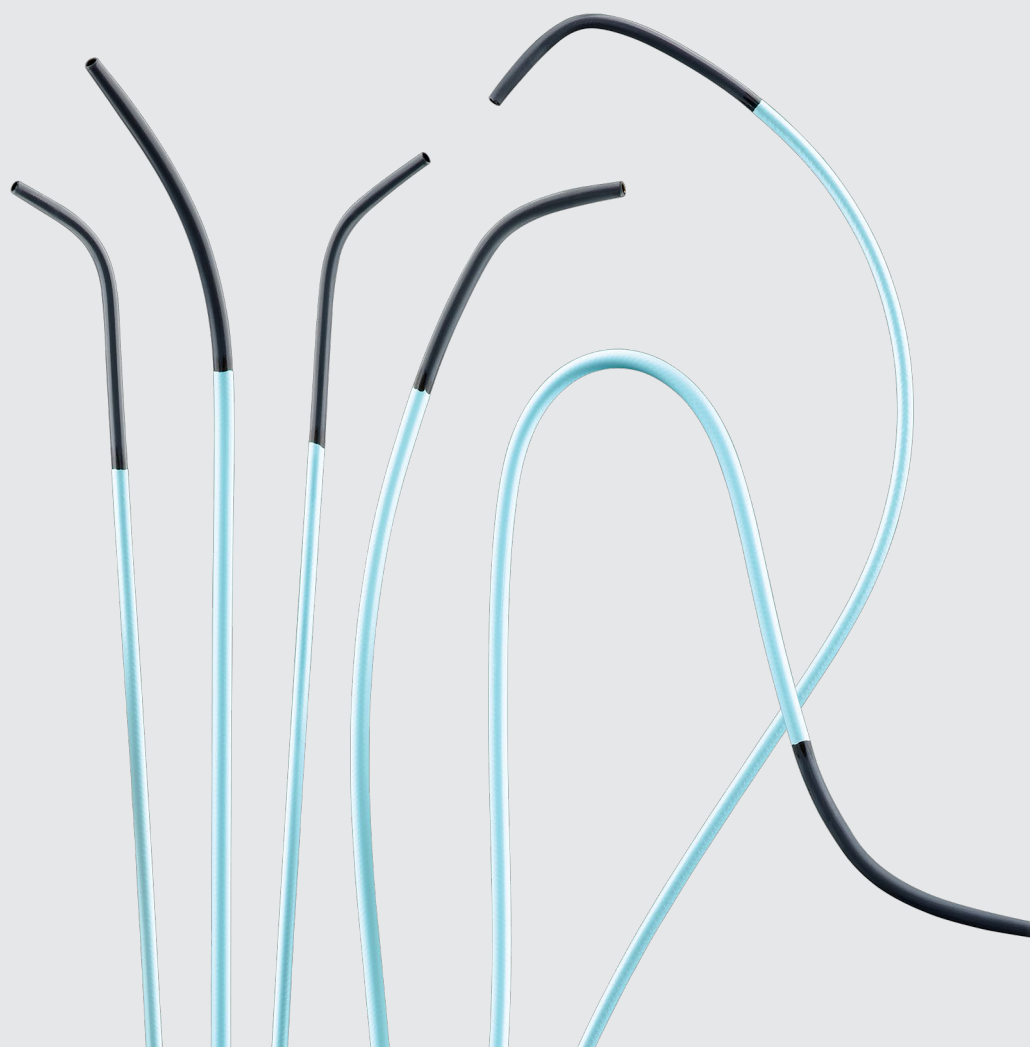
# CXI<sup>®</sup>

SUPPORT CATHETER



# Beacon<sup>®</sup> Tip

5.0 FR TORCON NB<sup>®</sup> ANGIOGRAPHIC CATHETER



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## Notes

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EU Website: [cookmedical.eu](http://cookmedical.eu)  
EDI: [cookmedical.eu/edi](http://cookmedical.eu/edi)  
Distributors: +353 61239240, [ssc.distributors@cookmedical.com](mailto:ssc.distributors@cookmedical.com)  
Austria: +43 179567121, [oe.orders@cookmedical.com](mailto:oe.orders@cookmedical.com)  
Belgium: +32 27001702, [be.orders@cookmedical.com](mailto:be.orders@cookmedical.com)  
Denmark: +45 38487607, [da.orders@cookmedical.com](mailto:da.orders@cookmedical.com)  
Finland: +358 972519996, [fi.orders@cookmedical.com](mailto:fi.orders@cookmedical.com)  
France: +33 171230269, [fr.orders@cookmedical.com](mailto:fr.orders@cookmedical.com)  
Germany: +49 6950072804, [de.orders@cookmedical.com](mailto:de.orders@cookmedical.com)  
Hungary: +36 17779199, [hu.orders@cookmedical.com](mailto:hu.orders@cookmedical.com)  
Iceland: +354 800 7615, [is.orders@cookmedical.com](mailto:is.orders@cookmedical.com)  
Ireland: +353 61239252, [ie.orders@cookmedical.com](mailto:ie.orders@cookmedical.com)  
Italy: +39 0269682853, [it.orders@cookmedical.com](mailto:it.orders@cookmedical.com)  
Netherlands: +31 202013367, [nl.orders@cookmedical.com](mailto:nl.orders@cookmedical.com)  
Norway: +47 23162968, [no.orders@cookmedical.com](mailto:no.orders@cookmedical.com)  
Spain: +34 912702691, [es.orders@cookmedical.com](mailto:es.orders@cookmedical.com)  
Sweden: +46 858769468, [se.orders@cookmedical.com](mailto:se.orders@cookmedical.com)  
Switzerland - French: +41 448009609, [fr.orders@cookmedical.com](mailto:fr.orders@cookmedical.com)  
Switzerland - Italian: +41 448009609, [it.orders@cookmedical.com](mailto:it.orders@cookmedical.com)  
Switzerland - German: +41 448009609, [de.orders@cookmedical.com](mailto:de.orders@cookmedical.com)  
United Kingdom: +44 2073654183, [uk.orders@cookmedical.com](mailto:uk.orders@cookmedical.com)

USA Website: [cookmedical.com](http://cookmedical.com)  
EDI: [cookmedical.com/edi.do](http://cookmedical.com/edi.do)  
**Americas:**  
Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335  
E-mail: [customersupport@cookmedical.com](mailto:customersupport@cookmedical.com)  
**Australia:**  
Phone: +61 734346000, 1800777222, Fax: +61 734346001, 1800077283  
E-mail: [cau.custserv@cookmedical.com](mailto:cau.custserv@cookmedical.com)



AI-ESC-IR-OHNS-PI-RH-SUR-A4