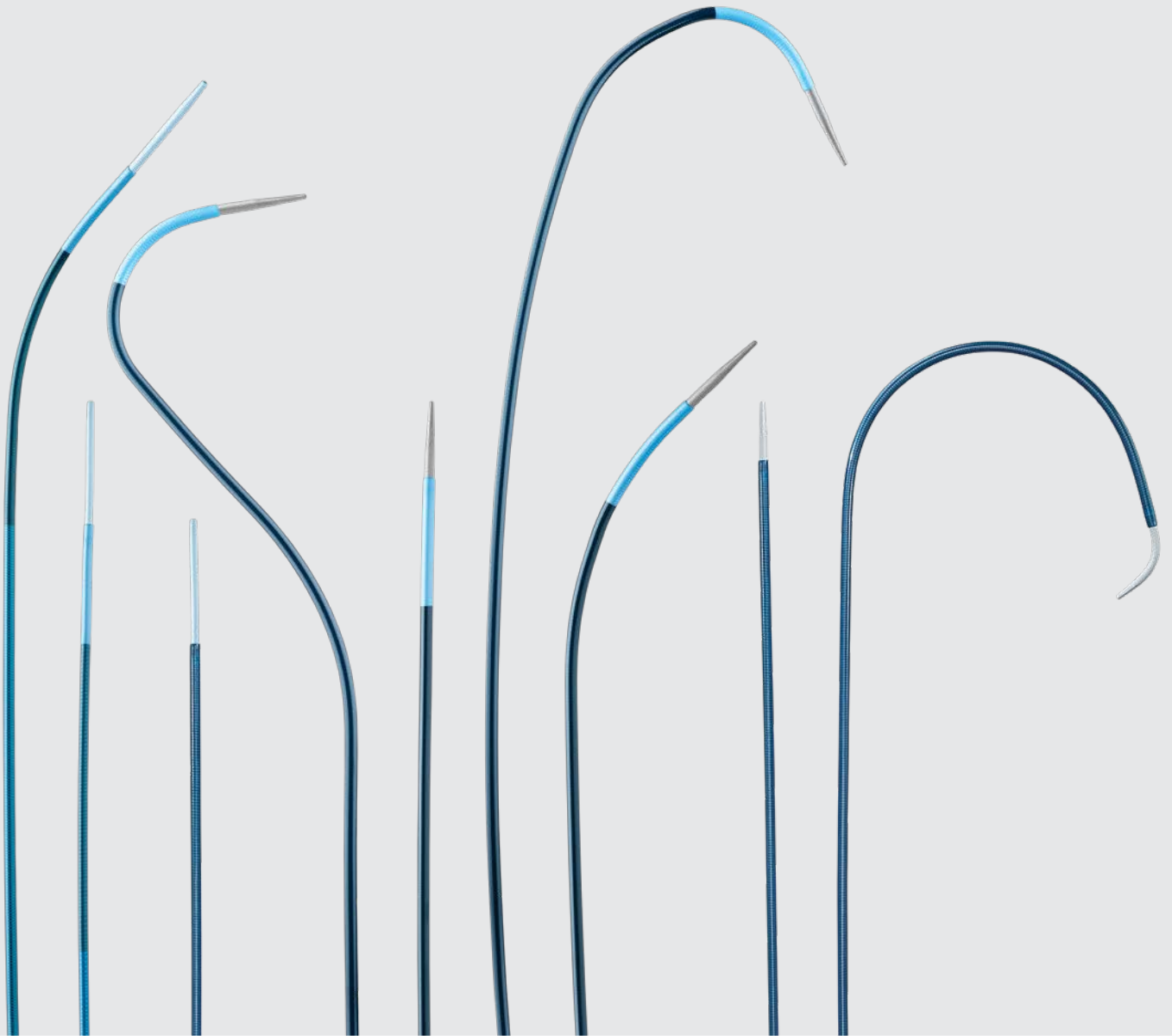


Track and treat with confidence



Flexor[®]
OVERVIEW

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From Introducer to Guiding Sheaths: It all started with a soda straw

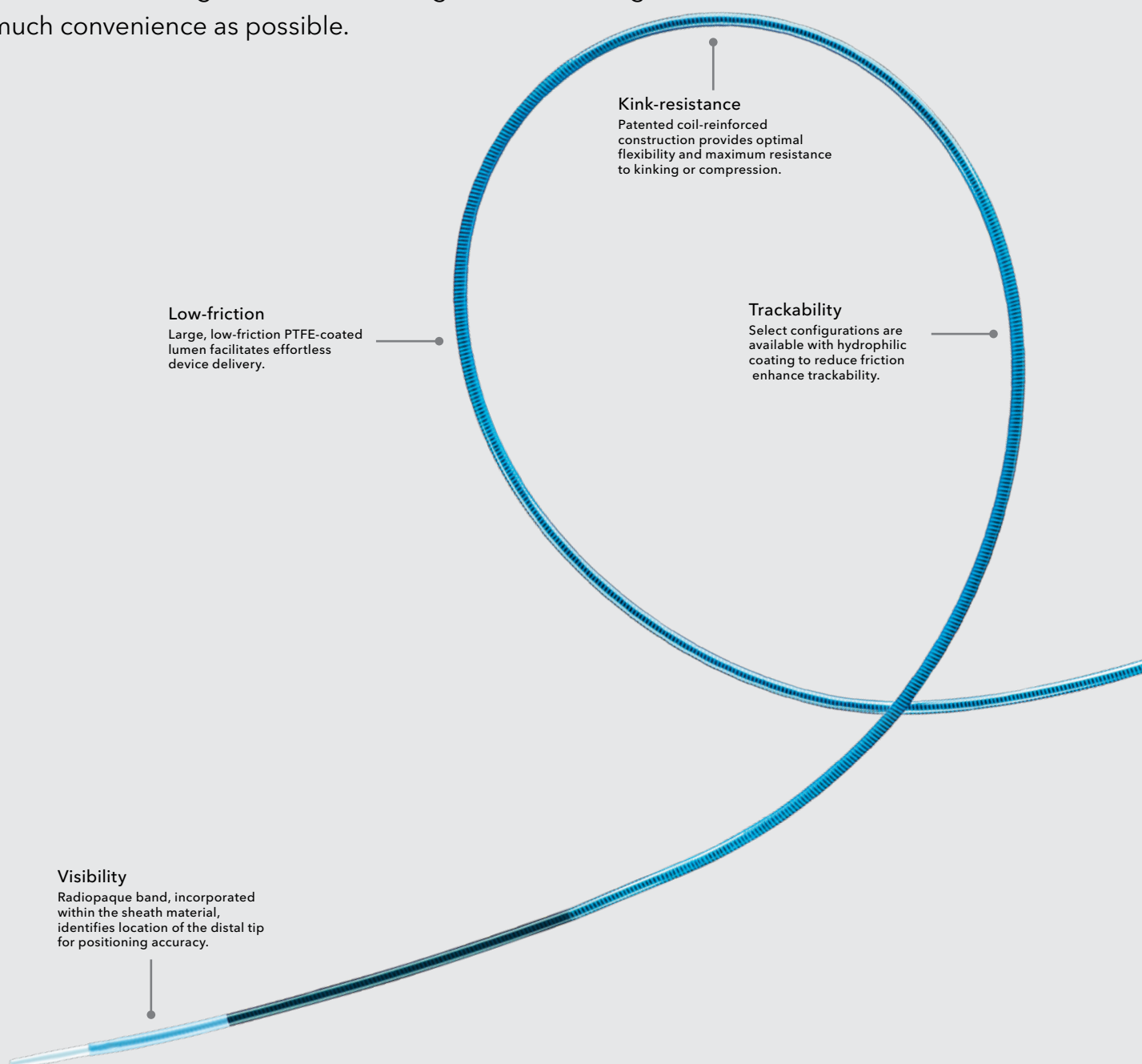
In 1965, Drs. Richard Hoffman and Donald Desilets sat together in the cafeteria at UCLA Medical Center, drinking soda. They realized a straw-like pathway was the tool they needed to access a vessel without exchanging wires and catheters through tissue. The first sets of catheter sheaths were homemade by Desilets and Hoffman from DuPont Mylar® soda straws. Shortly after, the physicians worked with Cook to produce the very first introducer sheath, which was fabricated from the same Mylar material as the straws. In 1969, thin-walled Teflon™ replaced the Mylar.

Decades later, as procedures evolved, clinicians desired kink-resistant, longer, soft-tipped sheaths to access smaller, more fragile vasculature to support the challenges of device delivery. We delivered on that need by developing the guiding sheath. Flexor technology has evolved to offer many variations for use in the periphery.

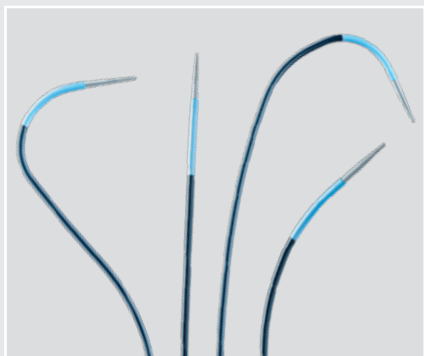
Target and treat with confidence.

It's a matter of selection.

Patients don't come in one size, and you have specific preferences. In recognition of these facts, we have provided you with a broad range of sizes and configurations allowing as much convenience as possible.

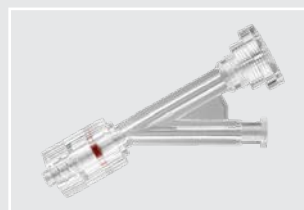


Four sheath tip configurations



Color-coded convenience

Sizes range from 4 Fr through 12 Fr
Each size is color-coded for your convenience.



Tuohy-Borst Adapter



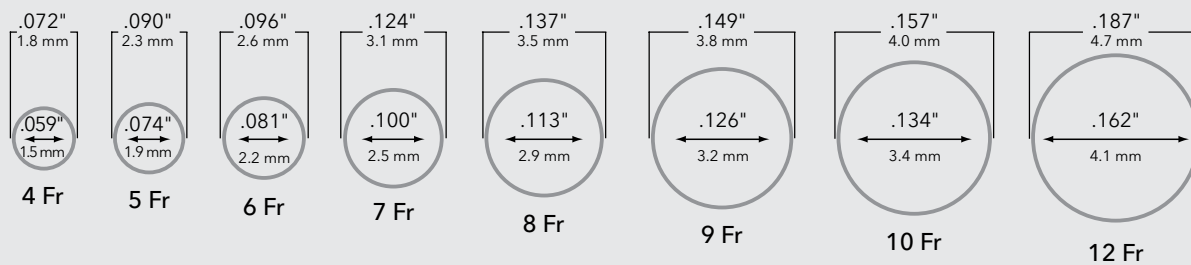
Large Check-Flo valve



Small Check-Flo valve

Diameter selection

Large lumens with low-friction inner surfaces facilitate unconstrained device delivery.



Simplify interventions with Flexor's many options.

Flexor High Flex Ansel

Flexible enough for tortuous anatomy or crossover procedures, yet provides extra support when needed

- Three-step construction – improved flexibility
- Stiffer shaft – pushability
- Softer dilator – trackability
- Check-Flo valve (4-8 Fr) or large Check-Flo valve (10 and 12 Fr)

Flexor Ansel

- Four different tip configurations to meet various anatomical needs
- Two-step construction – flexibility
- Soft distal tip – less atraumatic to the vessel
- Tuohy-Borst Adapter (5-7 Fr) , Check-Flo valve (4-8 Fr) or large Check-Flo valve (9 Fr)

Flexor Raabe

- No hydrophylic coating
- Short dilator – to accommodate various lengths
- Check-Flo valve (4-8 Fr) or large Check-Flo valve (9 Fr)

Flexor Balkin

- 180° curve – anchors across bifurcation to stabilize
- Hydrophilic coating is optional (5.5-8 Fr) – choose what you prefer
- Check-Flo valve (5.5-8 Fr)

Flexor Shuttle

- Long lengths – distal support when using small wire guides
- Long lengths – reduced need for contrast media
- Soft distal tip – Less traumatic to the vessel
- Tuohy-Borst Adapter (4-8 Fr)



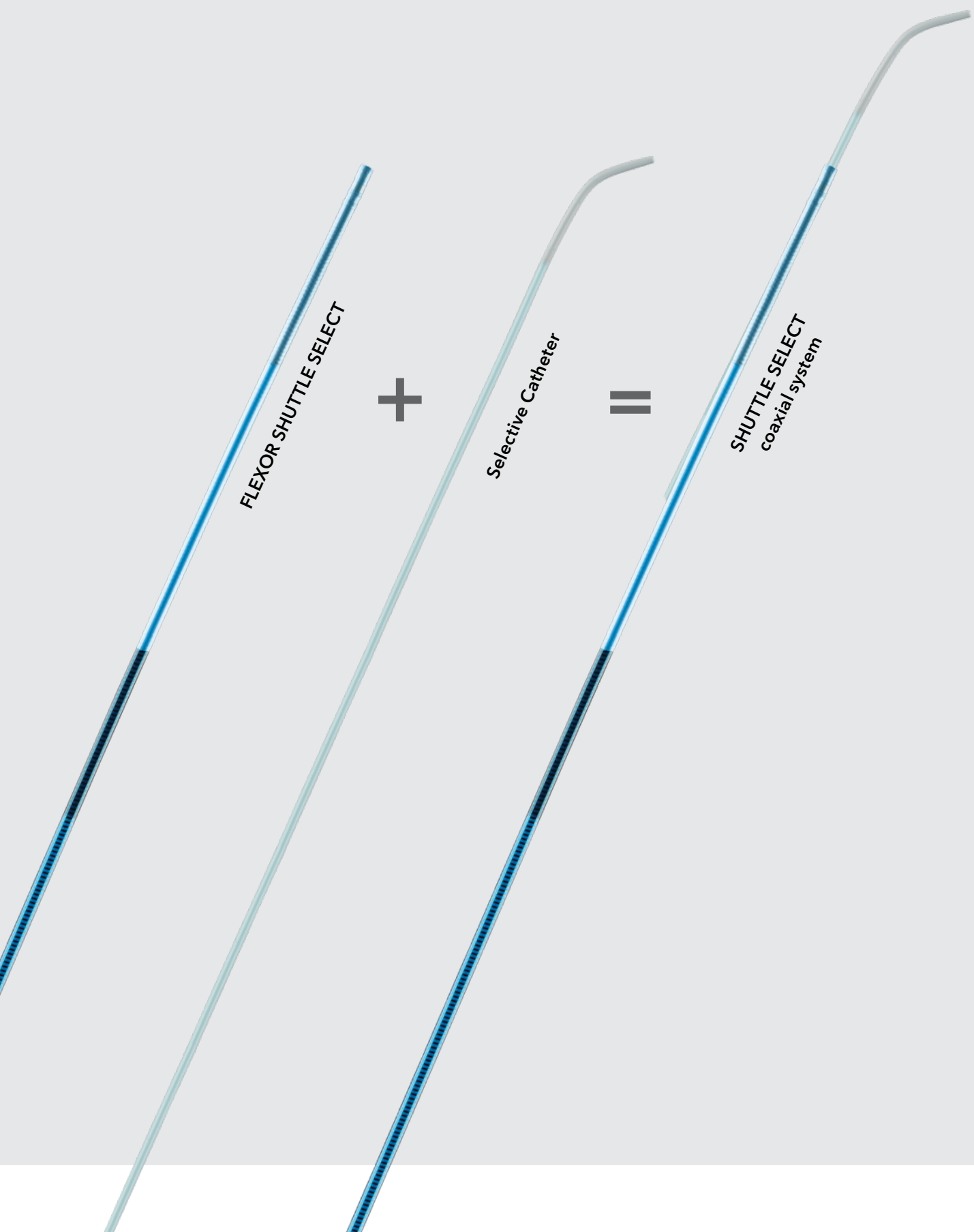
Flexor Shuttle Select: simplify access in challenging arch anatomy.

The Shuttle Select can be paired coaxially with a selective catheter to simplify access in challenging arch anatomy while minimizing device exchanges.

Flexor Shuttle Select

Balance of pushability and trackability

- Stiffer proximal shaft – pushability
- Unique four-step construction – flexibility
- Soft distal tip – less traumatic to the vessel
- Tuohy-Borst Adapter (5-6 Fr)



Limited resources won't limit results.

Flexor High Flex Ansel

Perfect for tortuous anatomy or for cross over procedures or when extra support is needed.

- Three-step construction – improved flexibility
- Stiffer shaft – pushability
- Softer dilator – trackability
- Check-Flo valve (4-8 Fr) or large Check-Flo valve (10 and 12 Fr)

Flexor Ansel

- Four different tip configurations to meet various anatomical needs
- Two-step construction – flexibility
- Soft distal tip – atraumatic to the vessel
- Tuohy-Borst valve (5-7 Fr) , Check-Flo valve (4-8 Fr) or large Check-Flo valve (9 Fr)

Flexor Raabe

- No hydrophylic coating
- Short dilator – to accommodate various lengths
- Check-Flo valve (4-8 Fr) or large Check-Flo valve (9 Fr)

Flexor Introducer

- No hydrophilic coating
- Check-Flo valve (5-8 Fr) or large Check-Flo valve (9-12 Fr)



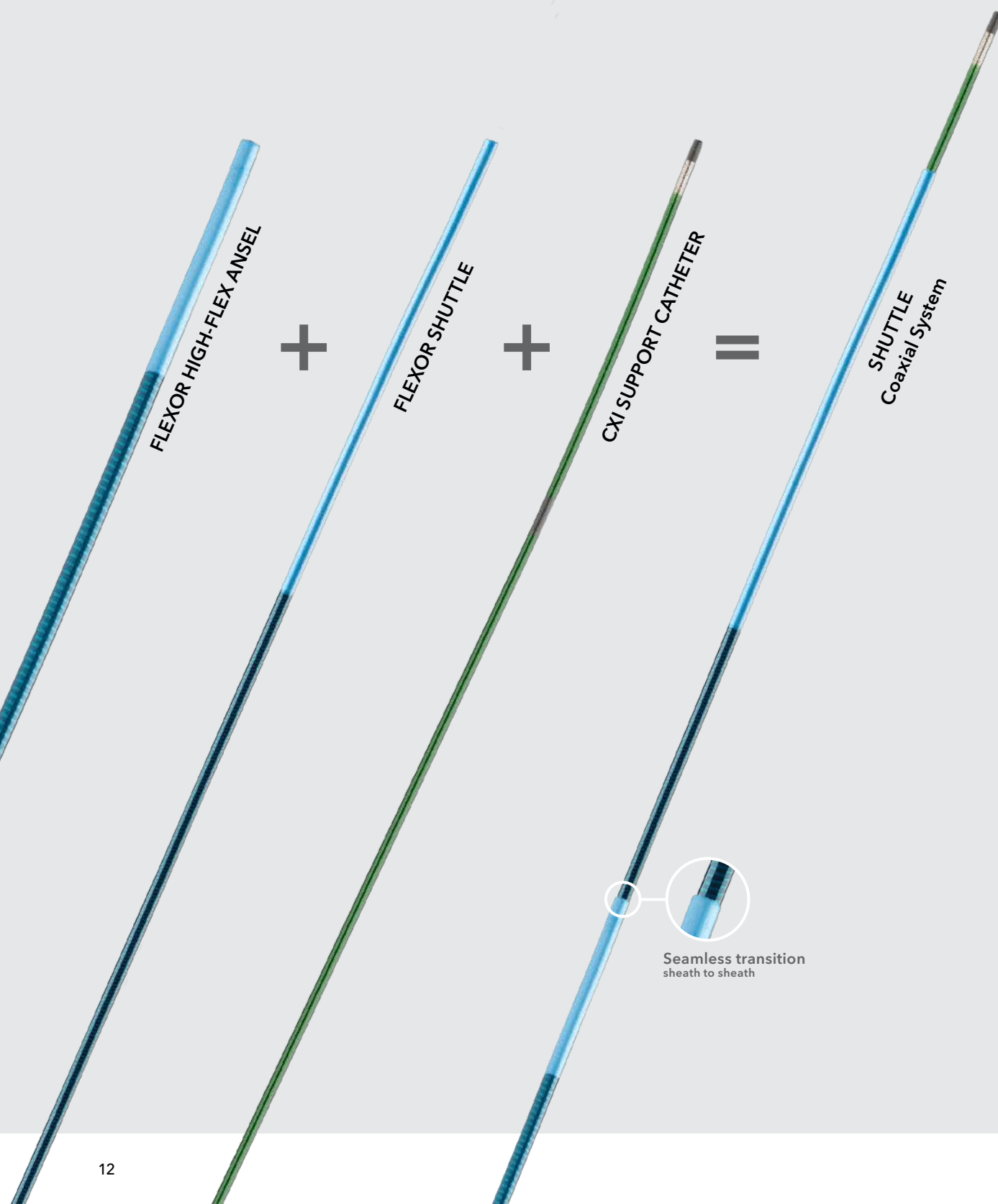
STANDARD FLEXOR

RAABE

ANSEL (ANL0)

HIGH FLEX-ANSEL (HFANL0)

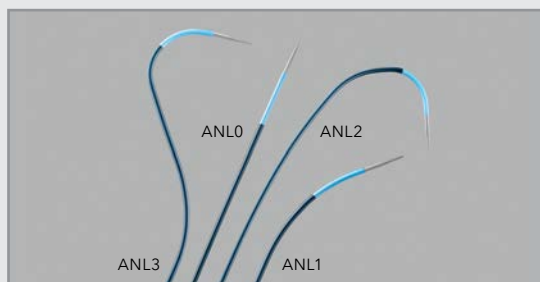
Treat PAD with the right tools.



Hydrophilic Coating Lengths

Sheath	Sheath Length	Hydrophilic Coating Length From Distal End
Flexor Balkin	40cm	15 cm
Flexor Ansel	45 cm	30 cm
	55 cm	30 cm
	90 cm	50 cm
	110 cm	50 cm
Flexor High Flex Ansel	45 cm	30 cm
	55 cm	30 cm
	70 cm	40 cm
	110 cm	60 cm
Flexor Shuttle Flexor Shuttle Select	80 cm, 90 cm, 110 cm	25 cm

COMPLETE LISTING OF ORDER NUMBERS



Flexor® Ansel Guiding Sheath

Flexer Introducers and Guiding Sheaths are intended to introduce therapeutic or diagnostic devices into the vasculature, excluding coronary and neuro vasculature.

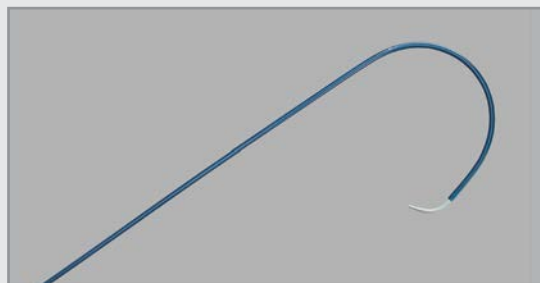
Order Number	Reference Part Number	Fr	ID inch	ID mm	Length cm	Accepts Wire Guide Diameter inch	Tip Configuration
With Tuohy-Borst Sidearm Adapter							
55 cm Length							
G29995	KSAW-5.0-18/38-55-RB-ANL1-HC	5	.074	1.88	55	.018/.038	Multipurpose
G30120	KSAW-5.0-18/38-55-RB-ANL2-HC	5	.074	1.88	55	.018/.038	Renal Double
G29996	KSAW-6.0-18/38-55-RB-ANL1-HC	6	.087	2.21	55	.038	Multipurpose
G29997	KSAW-6.0-18/38-55-RB-ANL2-HC	6	.087	2.21	55	.038	Renal Double
G29998	KSAW-6.0-18/38-55-RB-ANL3-HC	6	.087	2.21	55	.038	Cobra
G29999	KSAW-7.0-18/38-55-RB-ANL1-HC	7	.100	2.54	55	.038	Multipurpose
G30000	KSAW-7.0-18/38-55-RB-ANL2-HC	7	.100	2.54	55	.038	Renal Double
With Check-Flo® Valve							
45 cm Length							
G48186	KCFW-4.0-18/35-45-RB-ANL0-HC	4	.0595	1.51	45	.018/.035	Straight
G44153	KCFW-5.0-18/38-45-RB-ANL0-HC	5	.074	1.88	45	.018/.038	Straight
G29981	KCFW-5.0-18/38-45-RB-ANL1-HC	5	.074	1.88	45	.018/.038	Multipurpose
G30117	KCFW-5.0-18/38-45-RB-ANL2-HC	5	.074	1.88	45	.018/.038	Renal Double
G44154	KCFW-6.0-18/38-45-RB-ANL0-HC	6	.087	2.21	45	.038	Straight
G29982	KCFW-6.0-18/38-45-RB-ANL1-HC	6	.087	2.21	45	.038	Multipurpose
G29983	KCFW-6.0-18/38-45-RB-ANL2-HC	6	.087	2.21	45	.038	Renal Double
G29984	KCFW-6.0-18/38-45-RB-ANL3-HC	6	.087	2.21	45	.038	Cobra
G44155	KCFW-7.0-18/38-45-RB-ANL0-HC	7	.100	2.54	45	.038	Straight
G29985	KCFW-7.0-18/38-45-RB-ANL1-HC	7	.100	2.54	45	.038	Multipurpose
G29986	KCFW-7.0-18/38-45-RB-ANL2-HC	7	.100	2.54	45	.038	Renal Double
G49099	KCFW-8.0-18/38-45-RB-ANL0-HC	8	.113	2.87	45	.038	Straight
G49100	KCFW-8.0-18/38-45-RB-ANL1-HC	8	.113	2.87	45	.038	Multipurpose
G49101	KCFW-9.0-18/38-45-RB-ANL0-HC	9	.126	3.20	45	.038	Straight
G49102	KCFW-9.0-18/38-45-RB-ANL1-HC	9	.126	3.20	45	.038	Multipurpose
With Check-Flo Valve							
90 cm Length							
G48188	KCFW-4.0-18/35-90-RB-ANL0-HC	4	.0595	1.51	90	.018/.035	Straight
G48189	KCFW-5.0-18/38-90-RB-ANL0-HC	5	.074	1.88	90	.018/.038	Straight
G29988	KCFW-5.0-18/38-90-RB-ANL1-HC	5	.074	1.88	90	.018/.038	Multipurpose
G29989	KCFW-6.0-18/38-90-RB-ANL1-HC	6	.087	2.21	90	.038	Multipurpose

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	ID inch	ID mm	Length cm	Accepts Wire Guide Diameter inch	Tip Configuration
With Check-Flo Valve							
110 cm Length							
G48191	KCFW-4.0-18/35-110-RB-ANL0-HC	4	.0595	1.51	110	.018/.035	straight
G48192	KCFW-5.0-18/38-110-RB-ANL0-HC	5	.074	1.88	110	.018/.038	straight
With High-Flex Dilator and Check-Flo Valve							
45 cm Length							
G56278	KCFW-10.0-35-45-RB-HFANL0-HC	10	.134	3.40	45	.035	Straight
G47700	KCFW-10.0-35-45-RB-HFANL1-HC	10	.134	3.40	45	.035	Multipurpose
G56279	KCFW-12.0-35-45-RB-HFANL0-HC	12	.162	4.11	45	.035	Straight
G47701	KCFW-12.0-35-45-RB-HFANL1-HC	12	.162	4.11	45	.035	Multipurpose
With High-Flex Dilator and Check-Flo Valve							
55 cm Length							
G56229	KCFW-4.0-35-55-RB-HFANL0-HC	4	.0595	1.51	55	.035	Straight
G56234	KCFW-4.0-35-55-RB-HFANL1-HC	4	.0595	1.51	55	.035	Multipurpose
G56230	KCFW-5.0-35-55-RB-HFANL0-HC	5	.074	1.88	55	.035	Straight
G56235	KCFW-5.0-35-55-RB-HFANL1-HC	5	.074	1.88	55	.035	Multipurpose
G56231	KCFW-6.0-35-55-RB-HFANL0-HC	6	.087	2.21	55	.035	Straight
G56236	KCFW-6.0-35-55-RB-HFANL1-HC	6	.087	2.21	55	.035	Multipurpose
G56232	KCFW-7.0-35-55-RB-HFANL0-HC	7	.100	2.54	55	.035	Straight
G49043	KCFW-7.0-35-55-RB-HFANL1-HC	7	.100	2.54	55	.035	Multipurpose
G56233	KCFW-8.0-35-55-RB-HFANL0-HC	8	.113	2.87	55	.035	Straight
G49045	KCFW-8.0-35-55-RB-HFANL1-HC	8	.113	2.87	55	.035	Multipurpose
With High-Flex Dilator and Check-Flo Valve							
70 cm Length							
G56219	KCFW-4.0-35-70-RB-HFANL0-HC	4	.0595	1.51	70	.035	Straight
G56220	KCFW-5.0-35-70-RB-HFANL0-HC	5	.074	1.88	70	.035	Straight
G56225	KCFW-5.0-35-70-RB-HFANL1-HC	5	.074	1.88	70	.035	Multipurpose
G56221	KCFW-6.0-35-70-RB-HFANL0-HC	6	.087	2.21	70	.035	Straight
G56226	KCFW-6.0-35-70-RB-HFANL1-HC	6	.087	2.21	70	.035	Multipurpose
G56222	KCFW-7.0-35-70-RB-HFANL0-HC	7	.100	2.54	70	.035	Straight
G56227	KCFW-7.0-35-70-RB-HFANL1-HC	7	.100	2.54	70	.035	Multipurpose
G56223	KCFW-8.0-35-70-RB-HFANL0-HC	8	.113	2.87	70	.035	Straight
G56228	KCFW-8.0-35-70-RB-HFANL1-HC	8	.113	2.87	70	.035	Multipurpose
With High-Flex Dilator and Check-Flo Valve							
110 cm Length							
G49044	KCFW-7.0-35-110-RB-HFANL1-HC	7	.100	2.54	110	.035	Multipurpose
G49046	KCFW-8.0-35-110-RB-HFANL1-HC	8	.113	2.87	110	.035	Multipurpose

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

COMPLETE LISTING OF ORDER NUMBERS



Flexor® Balkin Guiding Sheath

Flexor Introducers and Guiding Sheaths are intended to introduce therapeutic or diagnostic devices into the vasculature, excluding coronary and neuro vasculature.

Order Number	Reference Part Number	Fr	ID inch	ID mm	Length cm	Accepts Wire Guide Diameter inch
With Check-Flo® Valve						
40 cm Length						
G12656	KCFW-5.5-38-40-RB-BLKN	5.5	.081	2.06	40	.038
G10406	KCFW-6.0-35-40-RB-BLKN	6	.087	2.21	40	.035
G10383	KCFW-6.0-38-40-RB-BLKN	6	.087	2.21	40	.038
G10405	KCFW-7.0-35-40-RB-BLKN	7	.100	2.54	40	.035
G10384	KCFW-7.0-38-40-RB-BLKN	7	.100	2.54	40	.038
G10385	KCFW-8.0-38-40-RB-BLKN	8	.113	2.87	40	.038
With Check-Flo Valve and Hydrophilic Coating						
40 cm Length						
G32208	KCFW-5.5-38-40-RB-BLKN-HC	5.5	.081	2.06	40	.038
G32224	KCFW-6.0-38-40-RB-BLKN-HC	6	.087	2.21	40	.038
G32225	KCFW-7.0-38-40-RB-BLKN-HC	7	.100	2.54	40	.038
G32216	KCFW-8.0-38-40-RB-BLKN-HC	8	.113	2.87	40	.038

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Flexor® Check-Flo

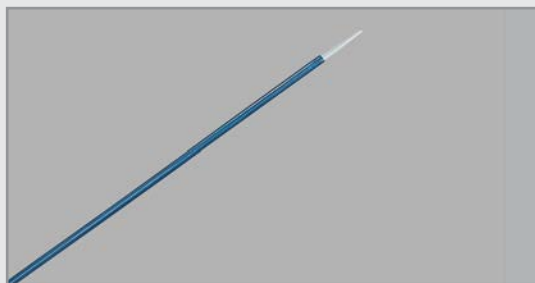
Introducer

Flexor Introducers and Guiding Sheaths are intended to introduce therapeutic or diagnostic devices into the vasculature, excluding coronary and neuro vasculature.

Order Number	Reference Part Number	Fr	ID inch	ID mm	Length cm	Accepts Wire Guide Diameter inch
G32194	KCFW-5.0-38-30-RB	5	.074	1.88	30	0.038
G49570	KCFW-5.0-38-45-RB	5	.074	1.88	45	0.038
G13212	KCFW-5.0-38-RB	5	.074	1.88	13	0.038
G08969	KCFW-6.0-35-30-RB	6	.087	2.21	30	0.035
G09908	KCFW-6.0-35-45-RB	6	.087	2.21	45	0.035
G08867	KCFW-6.0-38-30-RB	6	.087	2.21	30	0.038
G09809	KCFW-6.0-38-45-RB	6	.087	2.21	45	0.038
G08681	KCFW-6.0-38-RB	6	.087	2.21	13	0.038
G08246	KCFW-7.0-38-30-RB	7	.100	2.54	30	0.038
G09810	KCFW-7.0-38-45-RB	7	.100	2.54	45	0.038
G11211	KCFW-7.0-38-RB	7	.100	2.54	13	0.038
G07878	KCFW-8.0-38-30-RB	8	.113	2.87	30	0.038
G09601	KCFW-8.0-38-45-RB	8	.113	2.87	45	0.038
G09994	KCFW-8.0-38-80-RB	8	.113	2.87	80	0.038
G09602	KCFW-8.0-38-90-RB	8	.113	2.87	90	0.038
G07856	KCFW-8.0-38-RB	8	.113	2.87	13	0.038
G07465	KCFW-9.0-38-30-RB	9	.126	3.20	30	0.038
G07857	KCFW-9.0-38-RB	9	.126	3.20	13	0.038

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COMPLETE LISTING OF ORDER NUMBERS

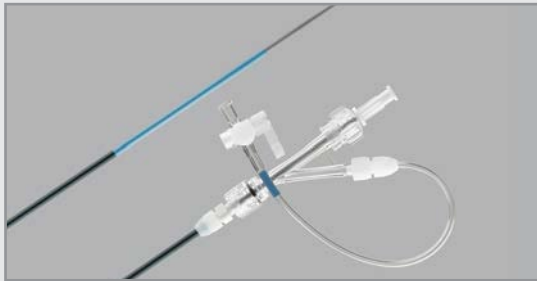


Flexor® Raabe Guiding Sheath

Flexor Introducers and Guiding Sheaths are intended to introduce therapeutic or diagnostic devices into the vasculature, excluding coronary and neuro vasculature.

Order Number	Reference Part Number	Fr	ID inch	ID mm	Length cm	Accepts Wire Guide Diameter inch
With Check-Flo® Valve						
55 cm Length						
G48187	KCFW-4.0-35-55-RB-RAABE	4	.0595	1.51	55	.035
G13009	KCFW-5.0-38-55-RB-RAABE	5	.074	1.88	55	.038
G11638	KCFW-6.0-38-55-RB-RAABE	6	.087	2.21	55	.038
G11633	KCFW-7.0-38-55-RB-RAABE	7	.100	2.54	55	.038
G12242	KCFW-8.0-38-55-RB-RAABE	8	.113	2.87	55	.038
G36393	KCFW-9.0-38-55-RB-RAABE	9	.126	3.20	55	.038
With Check-Flo Valve						
70 cm Length						
G13091	KCFW-5.0-38-70-RB-RAABE	5	.074	1.88	70	.038
G11636	KCFW-6.0-38-70-RB-RAABE	6	.087	2.21	70	.038
G11635	KCFW-7.0-38-70-RB-RAABE	7	.100	2.54	70	.038
G11637	KCFW-8.0-38-70-RB-RAABE	8	.113	2.87	70	.038
G12606	KCFW-9.0-38-70-RB-RAABE	9	.126	3.20	70	.038
With Check-Flo Valve						
90 cm Length						
G13069	KCFW-5.0-38-90-RB-RAABE	5	.074	1.88	90	.038
G12266	KCFW-6.0-38-90-RB-RAABE	6	.087	2.21	90	.038
G11634	KCFW-7.0-38-90-RB-RAABE	7	.100	2.54	90	.038
G11897	KCFW-8.0-38-90-RB-RAABE	8	.113	2.87	90	.038

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Flexor® Shuttle®

Guiding Sheath

Used to introduce balloons, closed and non-tapered end catheters or other diagnostic and interventional devices.

Order Number	Reference Part Number	Fr	ID inch	ID mm	Length cm	Accepts Wire Guide Diameter inch
G48190	KSAW-4.0-18/35-90-RB-SHTL-HC	4	.0595	1.51	90	.018/.035
G48193	KSAW-4.0-18/35-110-RB-SHTL-HC	4	.0595	1.51	110	.018/.035
G31119	KSAW-5.0-18/38-90-RB-SHTL	5	.074	1.88	90	.018/.038
G30009	KSAW-5.0-18/38-90-RB-SHTL-HC	5	.074	1.88	90	.018/.038
G31133	KSAW-5.0-38-90-RB-SHTL-FLEX-HC	5	.074	1.88	90	0.038
G48194	KSAW-5.0-18/38-110-RB-SHTL-HC	5	.074	1.88	110	.018/.038
G49481	KSAW-6.0-38-80-RB-SHTL	6	.087	2.21	80	0.038
G13539	KSAW-6.0-38-80-RB-SHTL-HC	6	.087	2.21	80	0.038
G31120	KSAW-6.0-38-90-RB-SHTL	6	.087	2.21	90	0.038
G31138	KSAW-6.0-38-90-RB-SHTL-FLEX-HC	6	.087	2.21	90	0.038
G13264	KSAW-6.0-38-90-RB-SHTL-HC	6	.087	2.21	90	0.038
G50141	KSAW-6.0-38-110-RB-SHTL-HC	6	.087	2.21	110	0.038
G31121	KSAW-7.0-38-80-RB-SHTL	7	0.100	2.54	80	0.038
G13338	KSAW-7.0-38-80-RB-SHTL-HC	7	0.100	2.54	80	0.038
G31124	KSAW-7.0-38-90-RB-SHTL	7	0.100	2.54	90	0.038
G12835	KSAW-7.0-38-90-RB-SHTL-HC	7	0.100	2.54	90	0.038
G27935	KSAW-8.0-38-80-RB-SHTL-HC	8	.113	2.87	80	0.038
G12836	KSAW-8.0-38-90-RB-SHTL-HC	8	.113	2.87	90	0.038

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



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