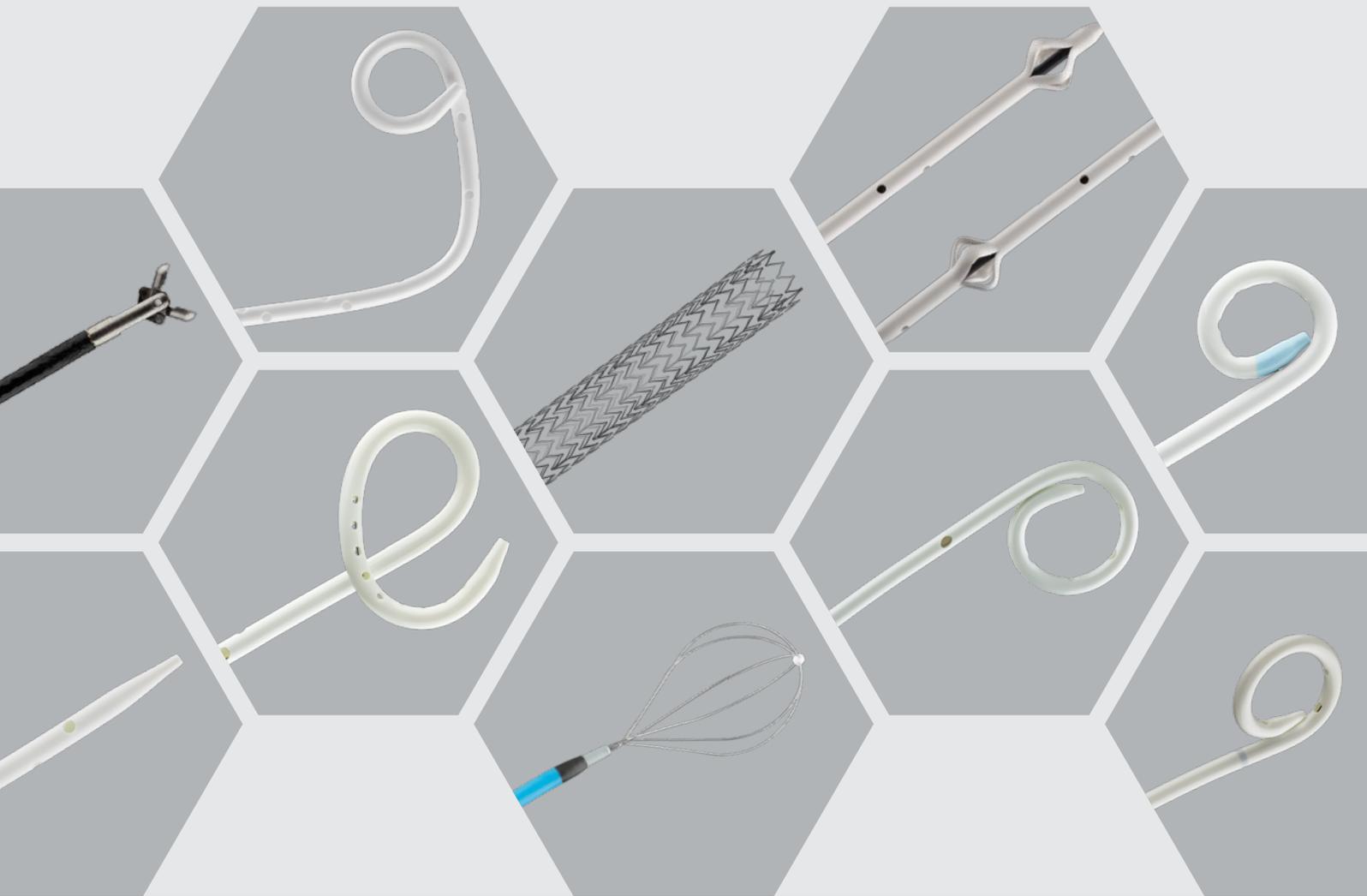


Doctor choice, patient comfort



PERCUTANEOUS BILIARY INTERVENTION PRODUCTS

Cook Medical offers one of the widest assortments of drainage products available, while focusing relentlessly on patient comfort.

In this catalogue you will find:

- the right choice of biliary drainage products to suit each procedure,
- the technology that only a leader can provide, including Ultrathane® construction for patient comfort, hydrophilic coating for ease of insertion, radiopacity for precise placement,
- and the product qualities that you have come to expect, such as kink-resistance and consistent hub sizes.

This catalogue focuses on our percutaneous biliary intervention products.

To see our full range of percutaneous drainage products, please request these additional catalogues from your Cook representative:

- **Percutaneous Abscess and Multipurpose Drainage Products**
- **Percutaneous Urinary Drainage Products**
- **Percutaneous Access, Targeting, and Accessory Products**

Be sure to have the right drainage devices for each procedure, including your most challenging and complex cases.

The choice is yours.

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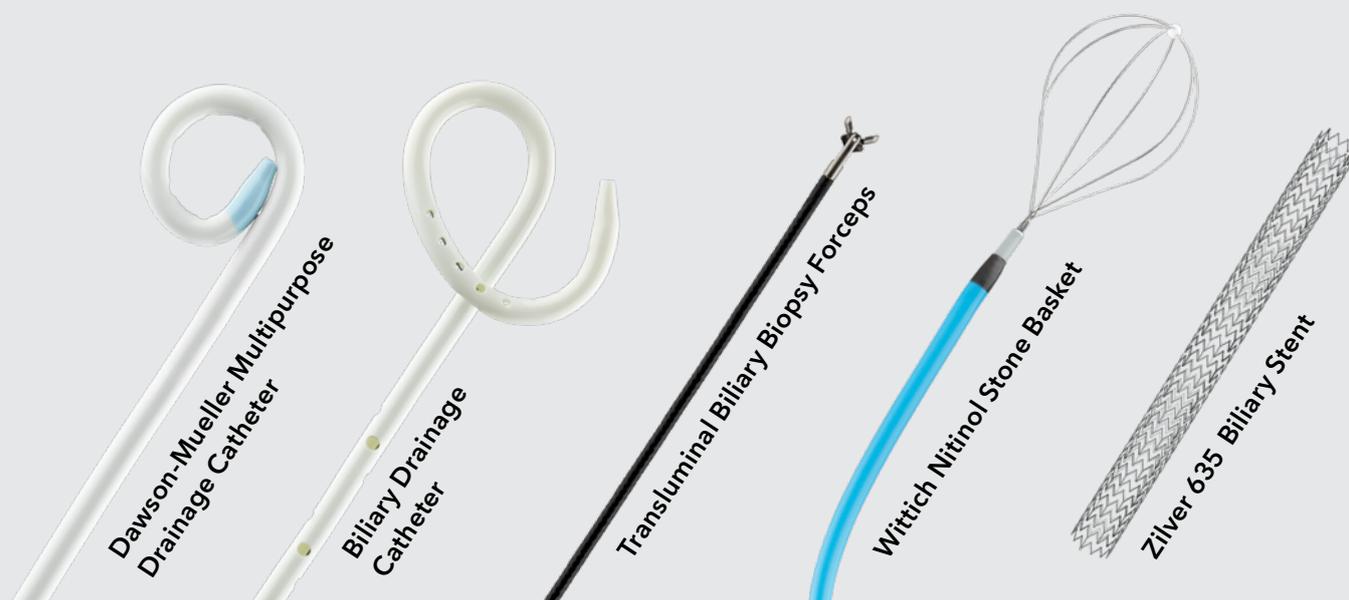
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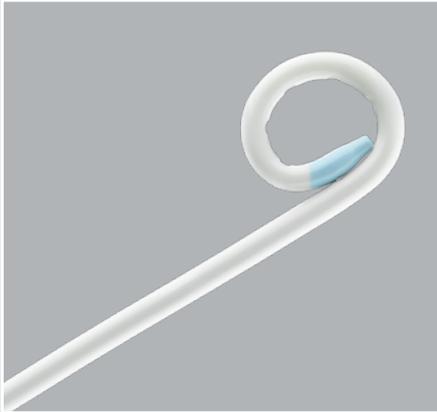
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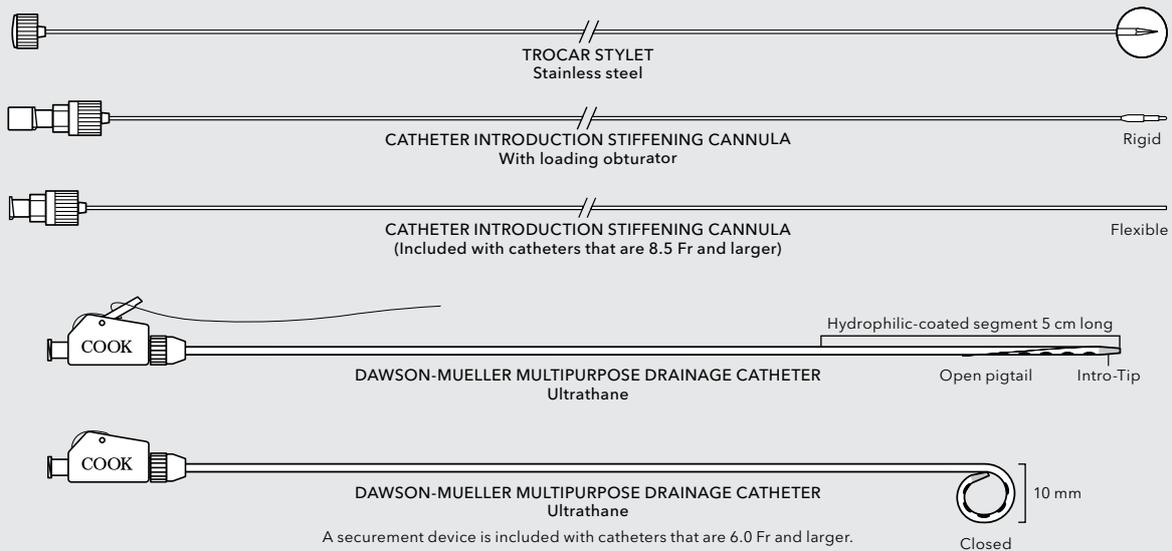


Dawson-Mueller Multipurpose Drainage Catheter

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- The 10 mm pigtail facilitates drainage in small cavities.
- Ultrathane® material enhances patient comfort.
- The Intro-Tip™ design helps to ease catheter insertion.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the pigtail.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.

Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Catheter Sideports	Trocar Stylet Needle gage
G11018	ULT5.0-18-25-P-5S-CLDM-HC	5	.018	25	5	23 UTW*
G51594	ULT6.3-35-15-P-5S-CLDM-HC	6.3	.035	15	5	19 UTW*
G51595	ULT6.3-35-25-P-5S-CLDM-HC	6.3	.035	25	5	19 UTW*
G11020	ULT7.0-35-25-P-5S-CLDM-HC	7	.035	25	5	19 UTW*
G11386	ULT8.5-38-15-P-5S-CLDM-HC	8.5	.038	15	5	18
G09705	ULT8.5-38-25-P-5S-CLDM-HC	8.5	.038	25	5	18
G11387	ULT10.2-38-15-P-5S-CLDM-HC	10.2	.038	15	5	18
G09706	ULT10.2-38-25-P-5S-CLDM-HC	10.2	.038	25	5	18
G11720	ULT12.0-38-15-P-5S-CLDM-HC	12	.038	15	5	18
G10435	ULT12.0-38-25-P-5S-CLDM-HC	12	.038	25	5	18
G10436	ULT14.0-38-25-P-5S-CLDM-HC	14	.038	25	5	18

*Ultrathin wall

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

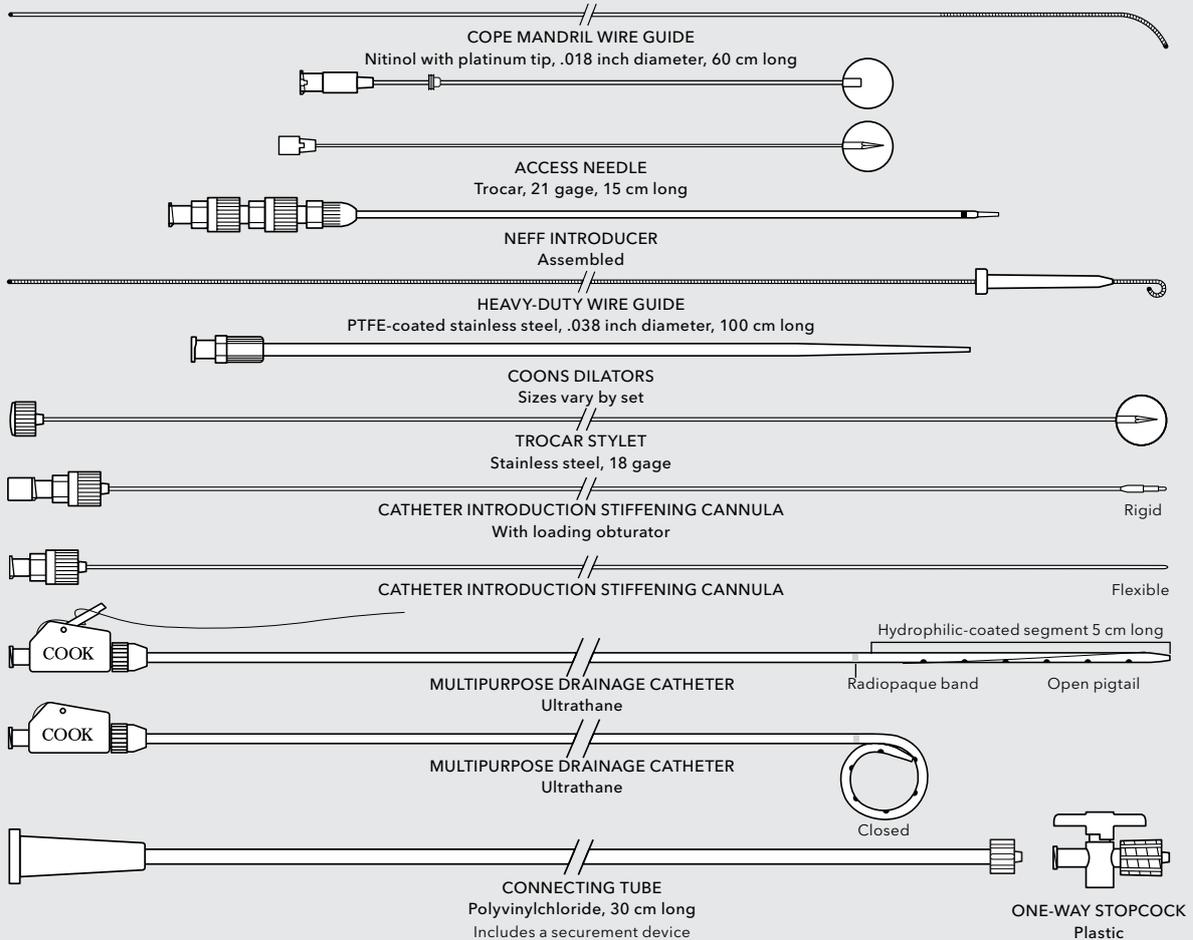


Multipurpose Drainage Set – Micropuncture

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess).

- Catheter placement is performed using micropuncture with the Neff Percutaneous Access Set that is conveniently included.
- Ultrathane® material enhances patient comfort.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the 25 mm pigtail.
- The radiopaque band identifies the proximal area of the locking loop, which contains six large oval sideports to facilitate drainage.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.
- The 8.5 Fr catheter features Intro-Tip™ design that helps to ease catheter insertion.

Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Catheter Sideports	Dilators Fr
G10049	CLM-8.5-RH-NPAS-NT*	8.5	.038	25	6	9
G10050	CLM-10.2-RH-NPAS-NT	10.2	.038	25	6	8, 11
G10261	CLM-12.0-RH-NPAS-NT	12	.038	25	6	10, 14

*Features Intro-Tip

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

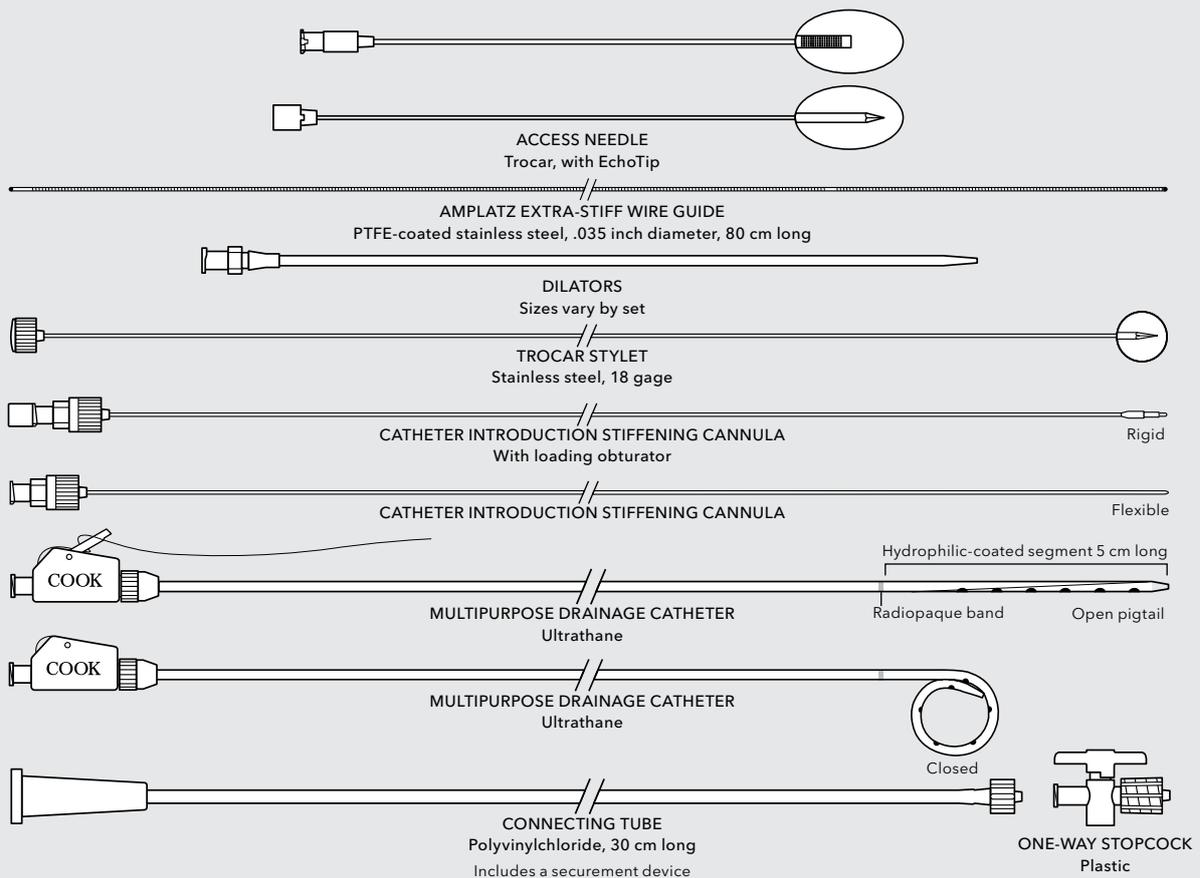


Multipurpose Drainage Set – Seldinger Technique

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess) by Seldinger access technique.

- The set includes everything needed for an efficient catheter placement procedure using the Seldinger technique.
- The EchoTip® needle cannula enhances visibility under ultrasound.
- Ultrathane® material enhances patient comfort.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the 25 mm pigtail.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.
- The radiopaque band identifies the proximal area of the locking loop, which contains six large oval sideports to facilitate drainage.
- The 8.5 Fr catheter features Intro-Tip™ design that helps to ease catheter insertion.

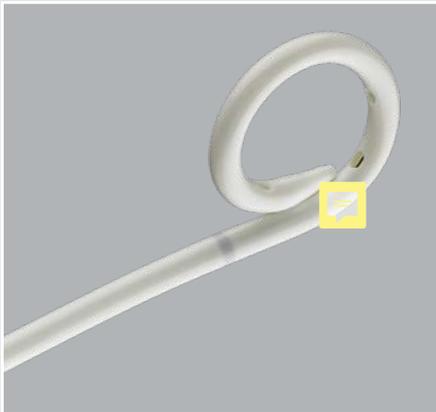
Components



Order Number	Reference Part Number	Catheter Fr	Catheter Length cm	Catheter Sideports	Dilators Fr	Needle gage/Length cm
G24874	SMS-ULT8.5-38-25-P-6S-CLM-RH*	8.5	25	6	6, 8	18/20
G24875	SMS-ULT10.2-38-25-P-6S-CLM-RH	10.2	25	6	8, 10	18/20
G24876	SMS-ULT12.0-38-25-P-6S-CLM-RH	12	25	6	8, 10, 12	18/20
G24877	SMS-ULT14.0-38-25-P-6S-CLM-RH	14	25	6	8, 10, 12, 14	18/20

*Features Intro-Tip

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

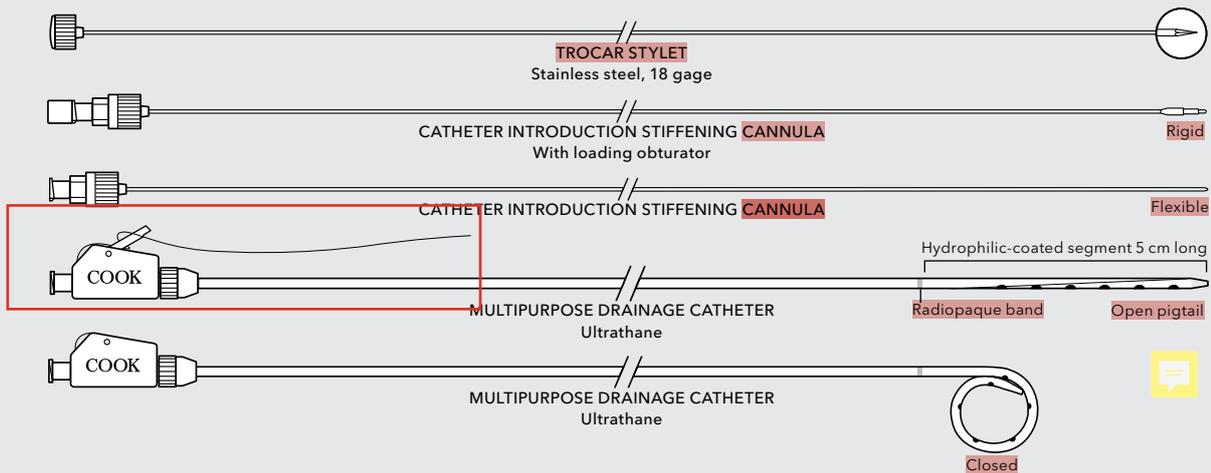


Multipurpose Drainage Catheter

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- Ultrathane® material enhances patient comfort.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the 25 mm pigtail.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.
- The radiopaque band identifies the proximal area of the locking loop, which contains six large oval sideports to facilitate drainage.
- The 8.5 Fr catheter features Intro-Tip™ design that helps to ease catheter insertion.

Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Catheter Sideports	Trocar Stylet Needle gage
G11105	ULT8.5-38-15-P-6S-CLM-RH*	8.5	.038	15	6	18
G09501	ULT8.5-38-25-P-6S-CLM-RH*	8.5	.038	25	6	18
G09765	ULT8.5-38-45-P-6S-CLM-RH*	8.5	.038	45	6	18
G11210	ULT8.5-38-60-P-6S-CLM-RH** **	8.5	.038	60	6	18
G09502	ULT10.2-38-25-P-6S-CLM-RH	10.2	.038	25	6	18
G09766	ULT10.2-38-45-P-6S-CLM-RH	10.2	.038	45	6	18
G28916	ULT10.2-38-60-P-6S-CLM-RH**	10.2	.038	60	6	18
G09503	ULT12.0-38-25-P-6S-CLM-RH	12	.038	25	6	18
G09767	ULT12.0-38-45-P-6S-CLM-RH	12	.038	45	6	18
G09504	ULT14.0-38-25-P-6S-CLM-RH	14	.038	25	6	18

*Features Intro-Tip

**Nonstock

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

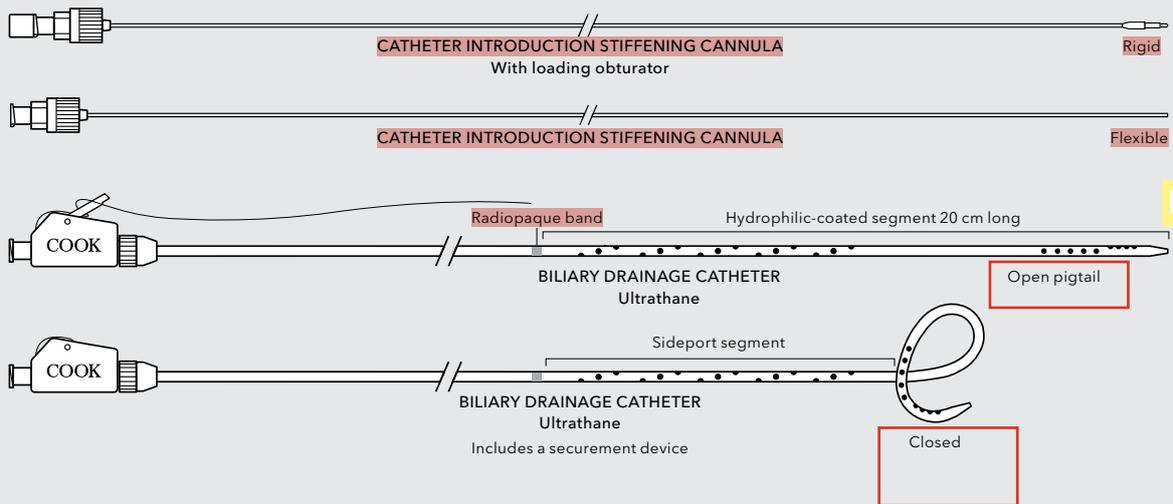


Biliary Drainage Catheter

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- The locking biliary loop aids in catheter retention.
- The catheter is available in two configurations of sideport segment lengths to accommodate various obstruction locations.
- Ultrathane® material enhances patient comfort.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the pigtail.
- The radiopaque band marks the location of the most proximal sideport.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.

Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Catheter Sideports	Sideport Segment Length cm*
Catheter with Standard Length Sideport Segment						
G09497	ULT8.5-38-40-P-32S-CLB-RH	8.5	.038	40	32	8
G09498	ULT10.2-38-40-P-32S-CLB-RH	10.2	.038	40	32	8
G09499	ULT12.0-38-40-P-32S-CLB-RH	12	.038	40	32	8
G09500	ULT14.0-38-40-P-32S-CLB-RH	14	.038	40	32	8
Catheter with Extended Length Sideport Segment						
G13359	ULT8.5-38-40-P-CLBS-26-RH**	8.5	.038	40		16
G13353	ULT10.2-38-40-P-CLBS-26-RH	10.2	.038	40		16

*Sideport segment length is measured from the radiopaque band to the proximal formation of the locking loop.

** Nonstock

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

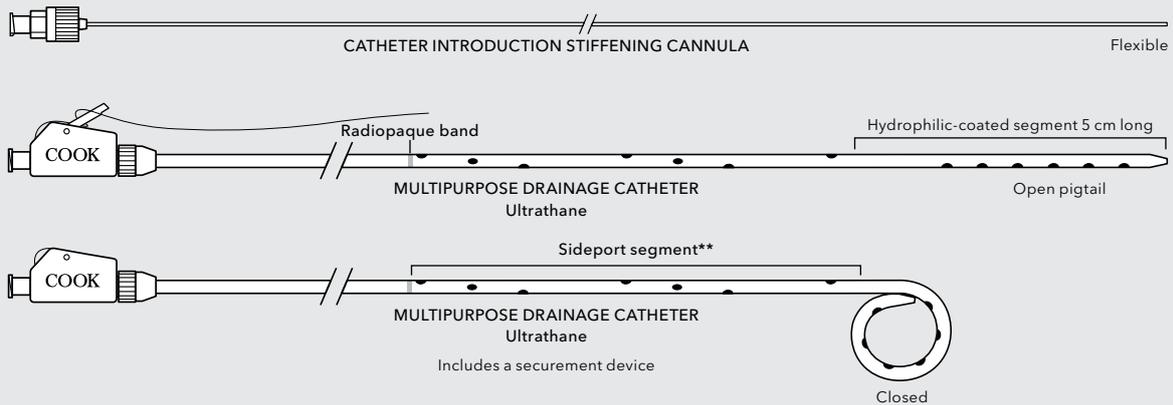


Multipurpose Drainage Catheter – Extended length of sideports

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- The 16 cm sideport segment suits a wide range of patient anatomies.
- The large sideports, positioned from the radiopaque band to the proximal formation of the locking loop, facilitate drainage of the biliary system.
- Ultrathane® material enhances patient comfort.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the 25 mm pigtail.
- The radiopaque band marks the location of the most proximal sideport.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.
- The 8.5 Fr catheter features Intro-Tip™ design that helps to ease catheter insertion.

Components

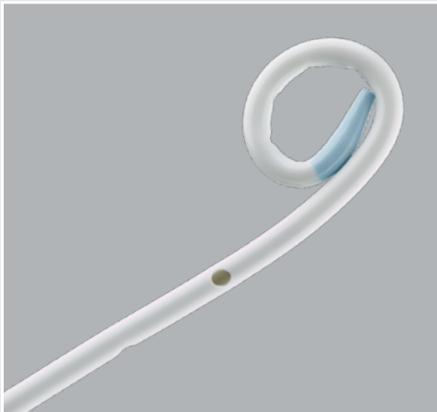


Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Sideport Segment Length cm**
G27048	ULT8.5-38-35-P-CLMS-16-RH-FS*	8.5	.038	35	16
G27043	ULT10.2-38-35-P-CLMS-16-RH-FS	10.2	.038	35	16
G27045	ULT12.0-38-35-P-CLMS-16-RH-FS	12	.038	35	16

*Features Intro-Tip

**Sideport segment length is measured from the radiopaque band to the proximal formation of the locking loop.

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

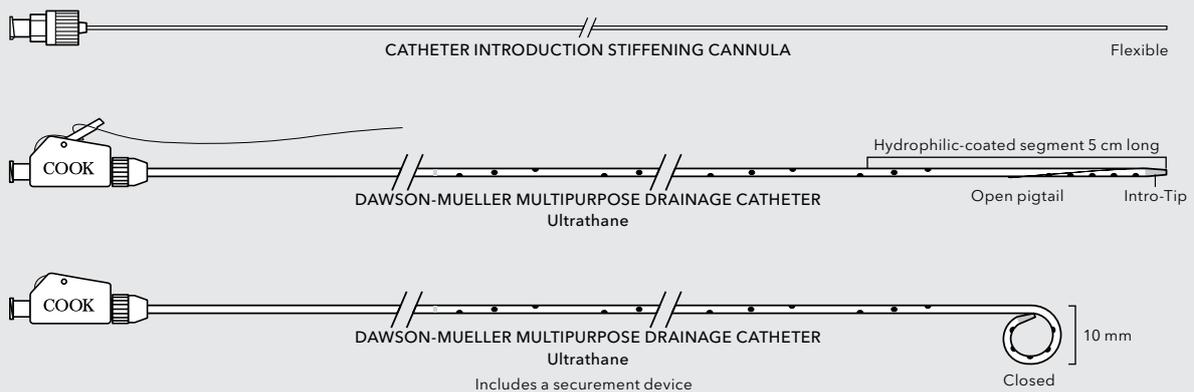


Dawson-Mueller Multipurpose Drainage Catheter – Extended length of sideports

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- The catheter features a 24 cm long sideport segment.
- The 10 mm pigtail facilitates drainage in small cavities.
- The radiopaque band marks the location of the most proximal sideport.
- Ultrathane® material enhances patient comfort.
- The Intro-Tip™ design helps to ease catheter insertion.
- The easy-to-use Mac-Loc® locking mechanism firmly secures the pigtail.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.

Components

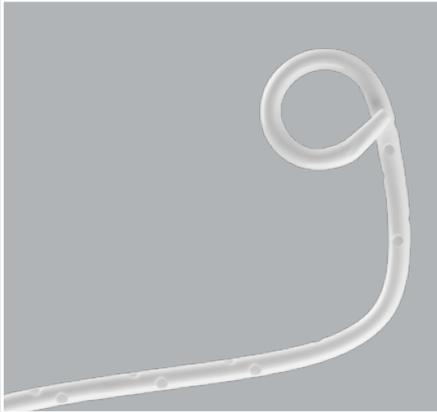


Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Sideport Segment Length cm*
G28938	ULT6.0-35-50-P-CLDMS-24-RH**	6	.035	50	24

*Sideport segment length is measured from the radiopaque band to the proximal formation of the locking loop.

** Nonstock. Only flexible stiffening cannula included.

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

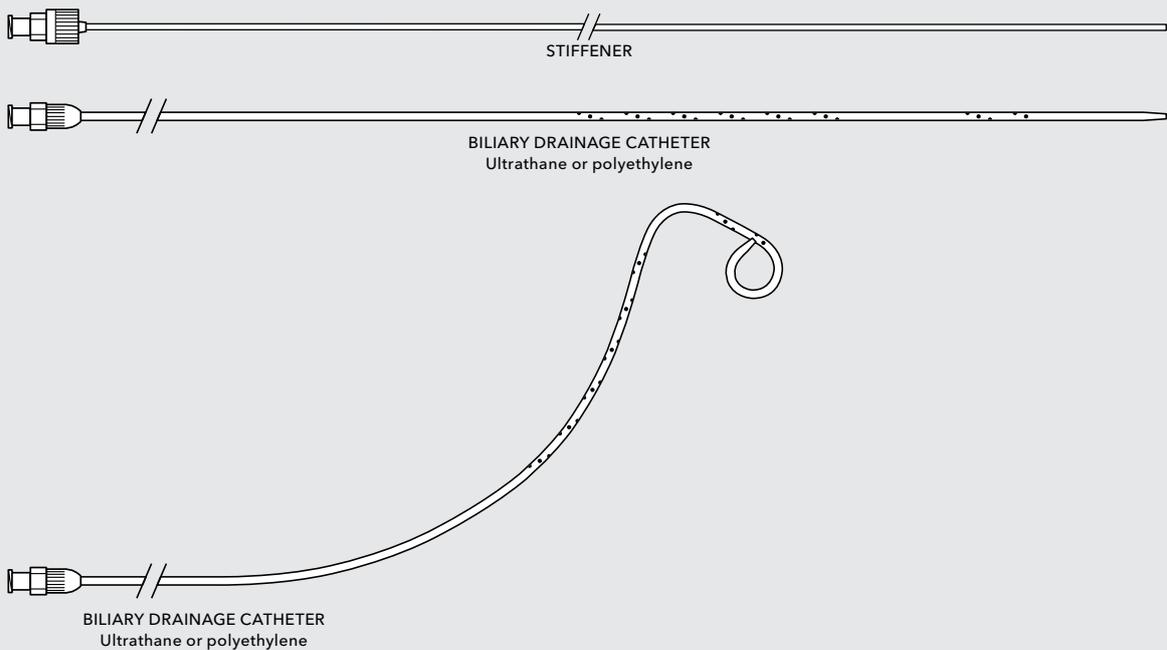


Ring Biliary Duct Drainage Catheter – Standard Configuration

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

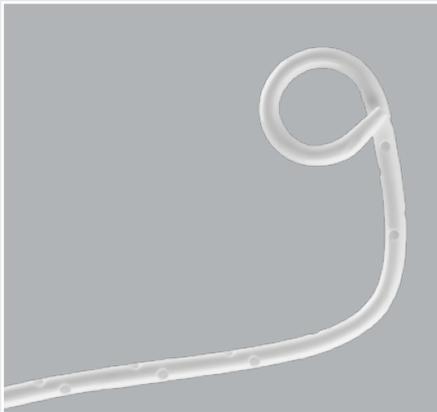
- The catheter features a small non-locking pigtail for retention.
- Ultrathane® material enhances patient comfort.
- Polyethylene material provides more rigid support, when additional support is needed for initial placement.
- The 32 sideports maximise drainage flow.

Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Catheter Sideports
Ultrathane Catheter					
G06909	ULT8.5-38-50-P-32S-RING	8.5	.038	50	32
G06728	ULT10.2-38-50-P-32S-RING	10.2	.038	50	32
G06990	ULT12.0-38-50-P-32S-RING	12	.038	50	32
G10274	ULT14.0-38-50-P-32S-RING	14	.038	50	32
Polyethylene Catheter					
G01165	P8.3G-38-50-P-32S-RING	8.3	.038	50	32

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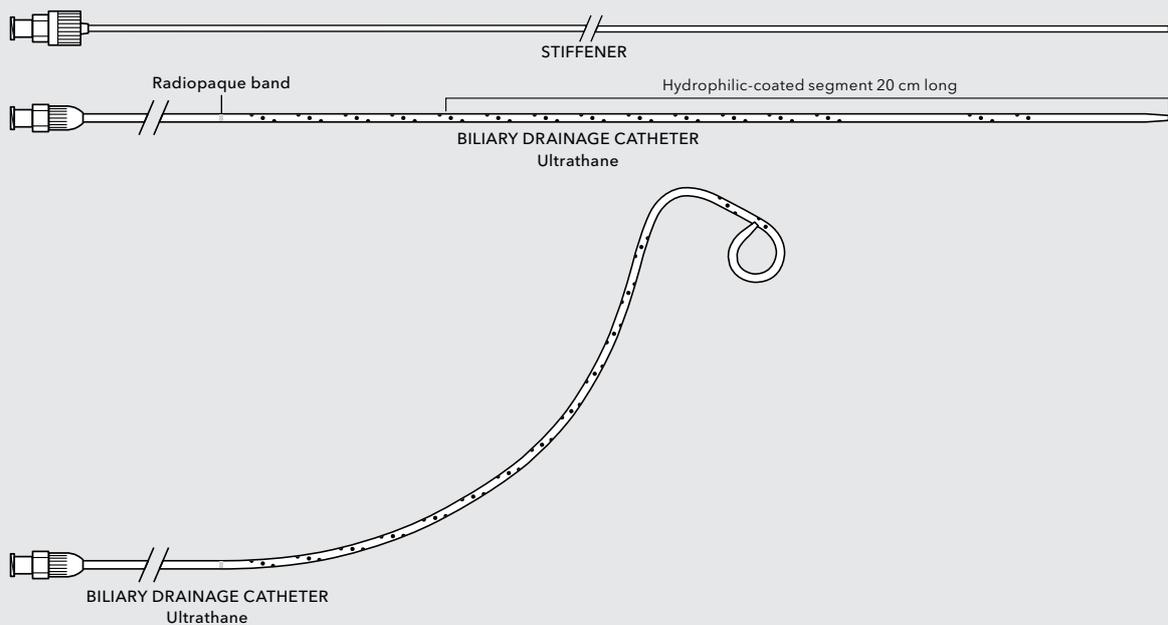


Ring Biliary Duct Drainage Catheter – MEH Configuration

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- The radiopaque band marks the location of the most proximal sideport.
- The catheter features a small non-locking pigtail for retention.
- Ultrathane® material enhances patient comfort.
- The hydrophilic coating becomes very lubricious when activated, which reduces friction during catheter insertion.

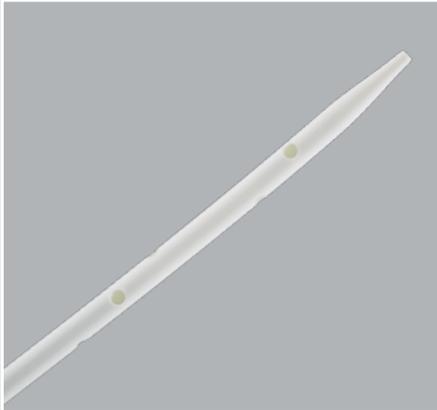
Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Sideport Segment Length cm*
G12643	ULT8.5-38-50-P-RING-25.5-MEH-RH	8.5	.038	50	25.5
G11956	ULT10.2-38-50-P-RING-25.5-MEH-RH	10.2	.038	50	25.5
G12586	ULT12.0-38-50-P-RING-25.5-MEH-RH	12	.038	50	25.5

*Sideport segment length is measured from the radiopaque band to the distal tip of the catheter.

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

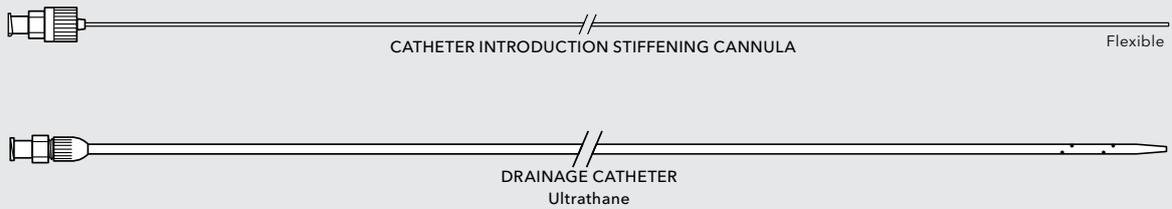


Straight Drainage Catheter

Used for percutaneous drainage in a variety of drainage applications (e.g., nephrostomy, biliary, and abscess), either by direct puncture or Seldinger access technique.

- The straight distal tip configuration simplifies the drainage catheter removal process, even through a biliary stent.
- This is a non-locking catheter.
- Ultrathane material enhances patient comfort.

Components



Order Number	Reference Part Number	Catheter Fr	Accepts Wire Guide Diameter inch	Catheter Length cm	Catheter Sideports
G08129	ULT8.5-38-40-P-6S-0-USD	8.5	.038	40	6
G08130	ULT10.2-38-40-P-6S-0-USD	10.2	.038	40	6
G08131	ULT12.0-38-40-P-6S-0-USD*	12	.038	40	6
G28933	ULT14.0-38-40-P-6S-0-USD*	14	.038	40	6

*Nonstock

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



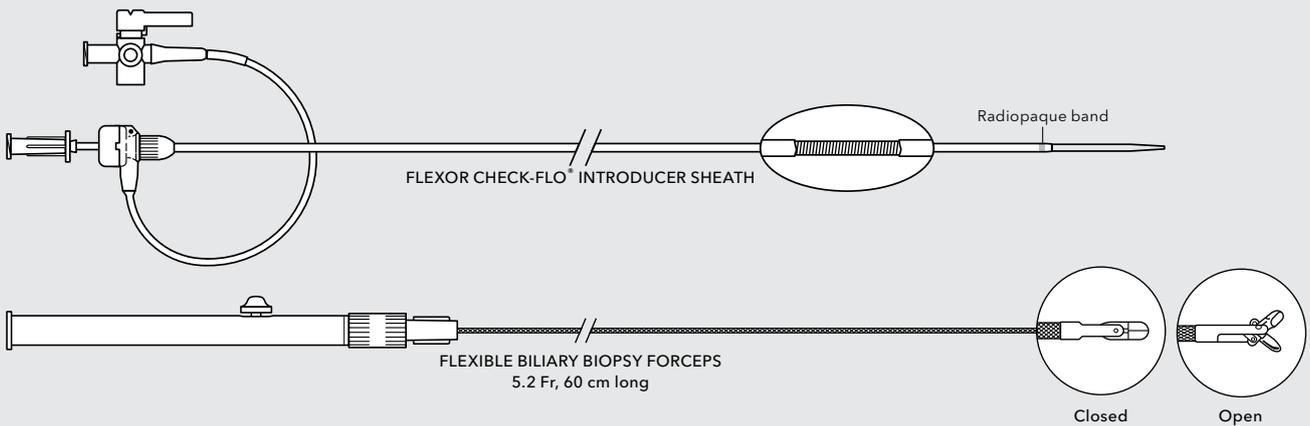
Transluminal Biliary Biopsy Forceps Set

Used for access to and biopsy of tissue within the biliary ductal system.

- The set is specifically indicated for percutaneous transluminal biliary biopsy.
- The set allows you to obtain an accurate histological sample during your PTC procedure.*
- A .035 inch diameter wire guide can remain in place during the biopsy, so, afterward, you can continue the PTC procedure.
- The forceps are designed for ease of use. You can operate them with one hand while maintaining control of the Flexor® sheath with the other hand.

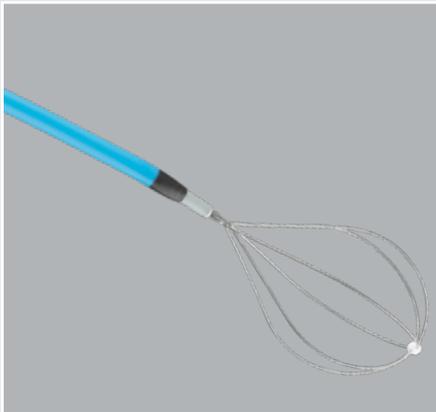
*Patel P, Rangarajan B, Mangat K. Improved accuracy of percutaneous biopsy using "cross and push" technique for patients suspected with malignant biliary strictures. *Cardiovasc Intervent Radiol.* 2015;38(4):1005-1010.doi:10.1007/s00270-014-0976-0.

Components



Order Number	Reference Part Number	Introducer Sheath Fr	Introducer Sheath Length cm	Biopsy Cup Volume mm3
G35215	BBFS-100-MS	7	30	2.25

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

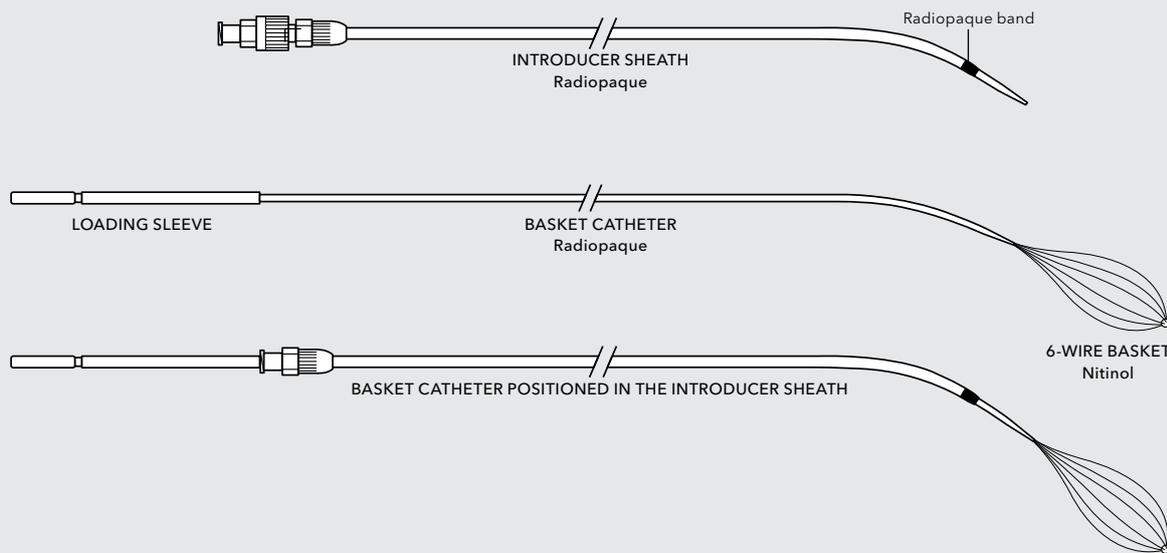


Wittich Nitinol Stone Basket

Used for removal of stones or stone fragments from the biliary tract, renal pelvis, and ureter.

- The shape memory and flexibility of the nitinol basket facilitate access to and entrapment of stones.
- The kink-resistance and memory characteristics of the 6-wire nitinol basket allow it to retain its shape after repeated twisting and flexing.
- The silicone bulb tip on the basket is atraumatic to anatomic structures.
- The precurved, angled tip of the sheath provides directional control.
- The introducer's smooth taper from sheath to dilator eases introduction. The radiopaque band identifies the tip of the sheath for accurate positioning during manipulation.

Components



Order Number	Reference Part Number	Introducer Sheath Fr	Introducer Sheath Length cm	Basket Diameter cm	Basket Length cm
G07313	WNSB-8.5-50	8.5	50	1.8	2.5
G05877	WNSB-12-24*	12	24	2.2	4.5

*Nonstock

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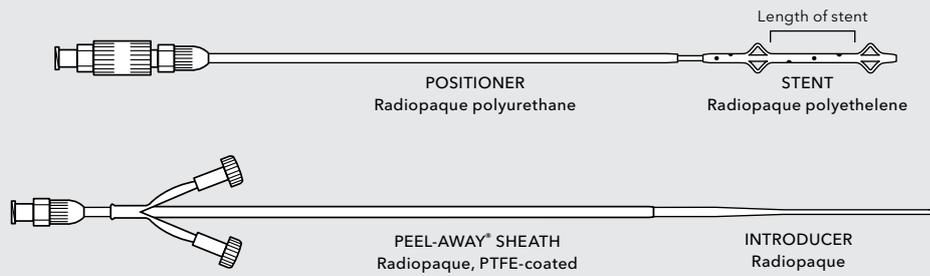


Miller Double Mushroom Biliary Stent Set

Used for internal biliary drainage.

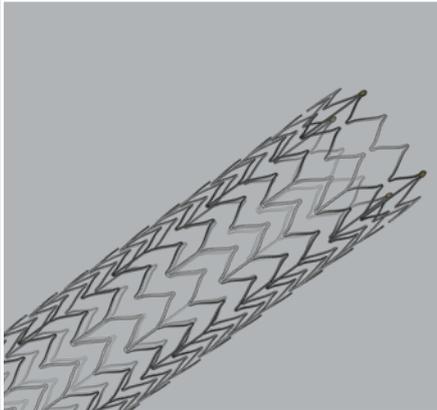
- The removable stent is made of radiopaque polyethylene to aid in visualisation.
- The double mushroom design helps in maintaining stent position.
- The dual knobs allow the sheath to be peeled away and removed.

Components



Order Number	Reference Part Number	Introducer Fr	Accepts Wire Guide Diameter inch	Stent Length cm	Positioner Length cm
G03421	UBSS-10-7.5-MLR	10	.038	7.5	25

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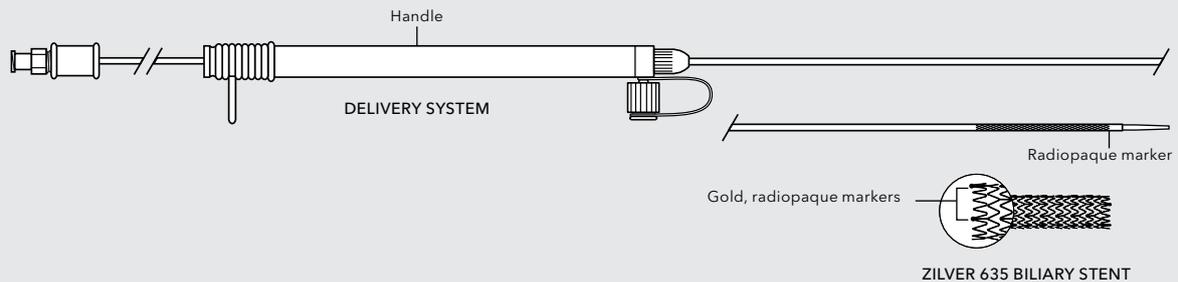
Zilver® 635™ Biliary Stent

Used in the palliation of malignant neoplasms in the biliary tree.

- The self-expandable nitinol construction resists shortening upon deployment and enables precise and consistent placement.¹
- The Z-stent cell design ensures optimal wall apposition while maintaining a strong, equally distributed radial force² throughout the stent, and provides sufficient kink-resistance³ within tortuous anatomy without reducing the diameter of the lumen.
- Four gold markers on each end allow precise visualisation and placement in the lumen.¹
- Flexor® technology gives the delivery system the flexibility, kink-resistance, and pushability^{3,4} needed in tortuous biliary anatomy.
- The flexible 40 cm delivery system with Flexor technology and a 6.0 Fr outer diameter is specifically designed for percutaneous biliary procedures.

1. Bench deployment testing, TS040131/TS050097/VAL09-0007
 2. Radial force testing, TS050009/02350
 3. Kink radius testing, TS060015/1741
 4. Flexor sheath test data, TS040144/2415

Components



Order Number	Reference Part Number	Delivery System OD Fr	Accepts Wire Guide Diameter inch	Delivery System Length cm	Stent Diameter mm	Stent Length mm
G37269	ZIB6-40-8-4.0	6.0	.035	40	8	40
G37270	ZIB6-40-8-6.0	6.0	.035	40	8	60
G37271	ZIB6-40-8-8.0	6.0	.035	40	8	80
G37272	ZIB6-40-9-4.0	6.0	.035	40	9	40
G37273	ZIB6-40-9-6.0	6.0	.035	40	9	60
G37274	ZIB6-40-9-8.0	6.0	.035	40	9	80
G37275	ZIB6-40-10-4.0	6.0	.035	40	10	40
G37276	ZIB6-40-10-6.0	6.0	.035	40	10	60
G37277	ZIB6-40-10-8.0	6.0	.035	40	10	80
G39719	ZIB6-40-12-4.0*	6.0	.035	40	12	40
G39720	ZIB6-40-12-6.0	6.0	.035	40	12	60
G39721	ZIB6-40-12-8.0	6.0	.035	40	12	80

*Nonstock

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

Customer Service

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

USA Website: cookmedical.com

EDI: cookmedical.com/edi.do

Americas:

Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335

E-mail: orders@cookmedical.com

Australia:

Phone: +61 734346000, 1800777222, Fax: +61 734346001, 1800077283

E-mail: cau.custserv@cookmedical.com



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