

TERUMO INTERVENTIONAL SYSTEMS

ACCESS | PCI | IO-EVT

CATALOGUE





**TERUMO
INTERVENTIONAL
SYSTEMS**
ACCESS | PCI | IO-EVT
CATALOGUE

About Us

Terumo India is a fast-growing medical devices company that serves to advance access to high-quality Cardiac & Vascular, and other medical devices for patients and medical practitioners in India. Terumo India is part of Terumo Corporation, a global leader in medical technology with headquarters in Tokyo, Japan. Established in 1921 and with its 100 years of history, Terumo's starting point and unchanging corporate mission has been 'Contributing to Society through Healthcare'.

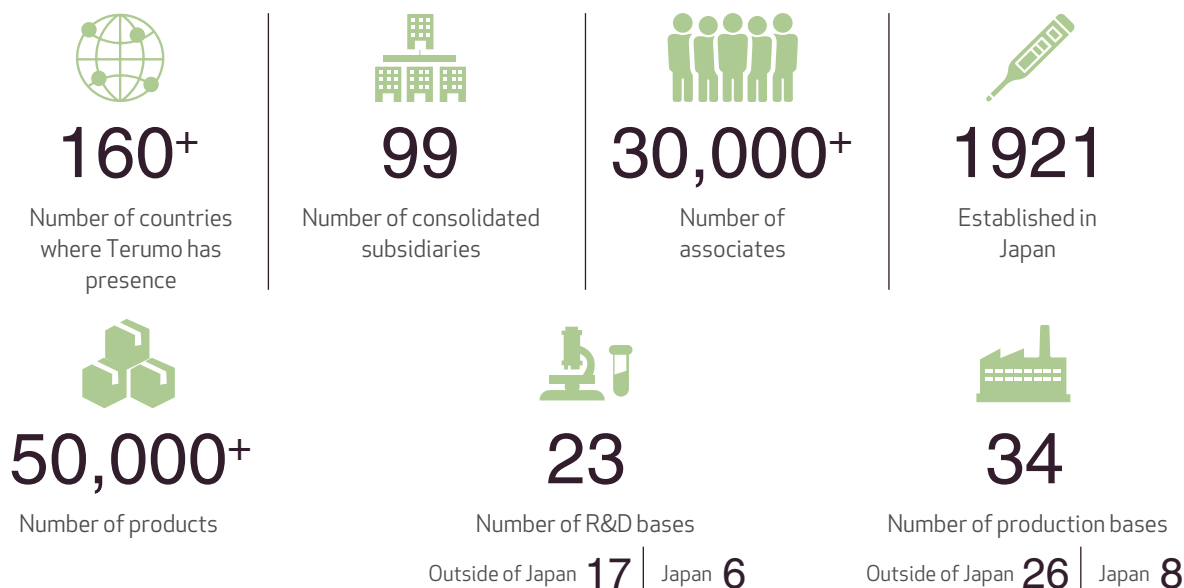
Terumo India was established in 2013 with headquarters in Gurgaon, NCR Delhi and has since grown to touch over 100,000 lives with an expanding field force & distribution network. Terumo India is Great Place to Work® certified and has also been recognised as one of India's Top 15 Workplaces™ in Pharmaceuticals, Healthcare and Biotech 2022. The company runs several acclaimed training & development programs, working closely with its customers and academic partners to contribute to the skilling requirements of India's healthcare system.

The company has received the 'Great place to work' certification in 2021, 2022 & 2024.

Terumo India at a Glance



Terumo Group at a Glance



Who We Are?

Terumo India Private Limited is committed to its global corporate mission of 'Contributing to Society through Healthcare' and strives daily to promote access of its high-quality devices to Indian patients and medical practitioners. Firmly committed to the slogan of 'Associate Spirit', it drives enablement of its Associates' abilities to contribute meaningfully to customers and their patients.

In India, Terumo has made its mission to bring new value to the ever-changing medical settings, and to patients who await vital care. Terumo India aims to continuously support and safeguard the precious lives of patients and their loved ones through its products and services, educational programs, and various CSR activities.

PUSHING BOUNDARIES

At Terumo Interventional Systems (TIS), we believe that collaboration sparks progress and pushes boundaries.

We deliver unmatched solutions around the globe, including best-in-class products, clinical education & training, and health economics insights.



TIS offers diagnostic and therapeutic catheter products used to treat illnesses in areas such as the coronary and the peripheral artery.

The business has also promoted the Transradial Intervention (TRI), which accesses blood vessels from the radial artery, which can reduce patient burden compared to other access sites. Previously, TRI was used primarily for the coronary intervention, but in recent years TIS has worked to develop optimal products for using TRI in peripheral and interventional oncology areas as well, contributing to the advancement of interventional treatment.

OUR STRATEGIC FOCUS:

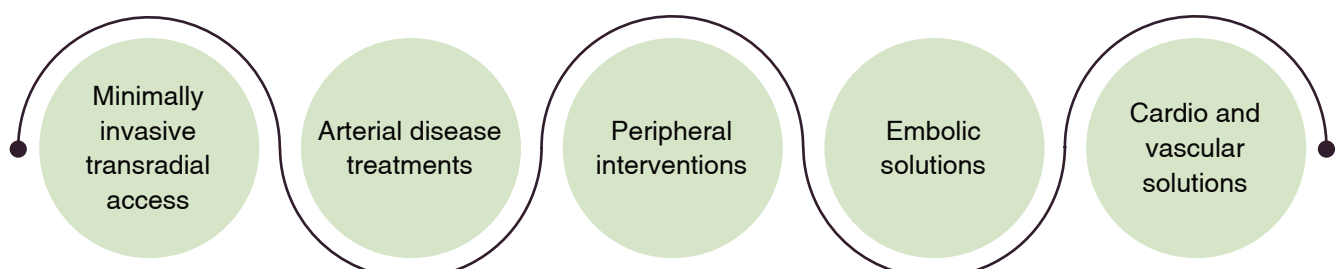


Table of Contents

Access

Access Devices

Glide Sheath® Slender.....	08
Guidewire® GT.....	09
Radifocus® Guide Wire M.....	11
Radifocus Guide Wire M Baby-J™.....	13
Radifocus® Introducer II Standard Kit.....	14
Radifocus® Optitorque®.....	17

Closure Devices

Angioseal™.....	20
TR Band®.....	21

Percutaneous Coronary Intervention (PCI)

Drug Eluting Stents

Ultimaster Nagomi™.....	23
Ultimaster™ Tansei™.....	25

Guiding Catheter

HEARTRAIL® III.....	27
---------------------	----

PTCA Balloon Catheters

Accuforce®.....	30
Ryurei™.....	31

PTCA Guidewire

Runthrough® NS.....	34
---------------------	----

Specialty Catheters

Eliminate™.....	36
Finecross® MG.....	37



ACCESS - Access Devices

Glidesheath Slender®

Hydrophilic Coated Introducer Sheath

EXPANDING TRANSRADIAL ACCESS

FOR MORE PATIENTS



Key Features

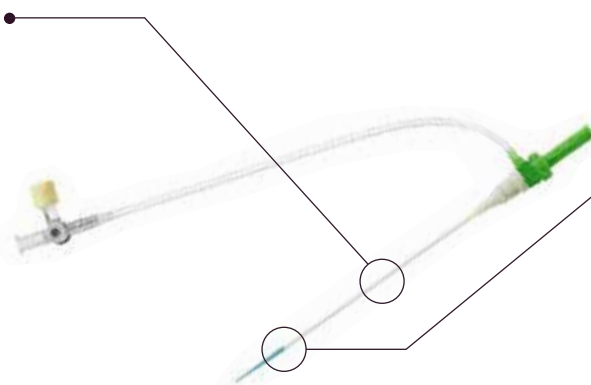
Slender hydrophilic coated sheath for radial access

Glidesheath Slender™ is designed with a thin wall structure where the outside diameter is reduced by one French size while the inner-diameter equivalent is maintained, minimizing arterial irritation and penetration resistance compared to conventional sheaths

Glidesheath Slender™ is coated with Terumo's proprietary hydrophilic coating, allowing for smooth insertion and removal

Thin-wall technology designed to **facilitate atraumatic radial access** while maintaining an optimal sheath-to-artery ratio

Allows physicians to perform diagnostic and interventional procedures without upsizing to a larger sheath



Hydrophilic coating combined with smaller diameter sheaths and a **tapered tip design** may **reduce risk of arterial spasm and radial occlusion**

Ordering Specifications

Product code	Sheath Size	Color Code	Sheath Length	Max. Guidewire Size	Needle Size	Mini Guidewire Shape / Size
RM*ES5J10SQ	5 Fr.	Red & Gray	10 cm	0.025"	20G	PI Straight / 0.025" x 45 cm
RM*ES6J10HQS	6 Fr.	Gray & Green	10 cm	0.025"	20G	PI Short angle / 0.025" x 45 cm
RM*ES6J10SQ	6 Fr.	Gray & Green	10 cm	0.025"	20G	PI Straight / 0.025" x 45 cm
RM*ES6J16HQS	6 Fr.	Gray & Green	16 cm	0.025"	20G	PI Short angle / 0.025" x 80 cm
RM*ES7J10SQ	7 Fr.	Green & Orange	10 cm	0.025"	20G	PI Straight / 0.025" x 45 cm
RM*RS5C10PQ	5 Fr.	Red & Gray	10 cm	0.018"	22G	Spring Straight / 0.018" x 45 cm
RM*RS6F10PQ	6 Fr.	Gray & Green	10 cm	0.021"	22G	Spring Straight / 0.021" x 45 cm
RM*RS6J10PQ	6 Fr.	Gray & Green	10 cm	0.025"	20G	Spring Straight / 0.025" x 45 cm
RM*RS6J16PQ	6 Fr.	Gray & Green	16 cm	0.025"	20G	Spring Straight / 0.025" x 80 cm
RM*RS7F10PQ	7 Fr.	Green & Orange	10 cm	0.021"	22G	Spring Straight / 0.021" x 45 cm
RM*RS7J10PQ	7 Fr.	Green & Orange	10 cm	0.025"	20G	Spring Straight / 0.025" x 45 cm
RM*RS7J16PQ	7 Fr.	Green & Orange	16 cm	0.025"	20G	Spring Straight / 0.025" x 80 cm

RADIFOCUS™

Guide Wire GT with gold coil

Super-selective micro wire



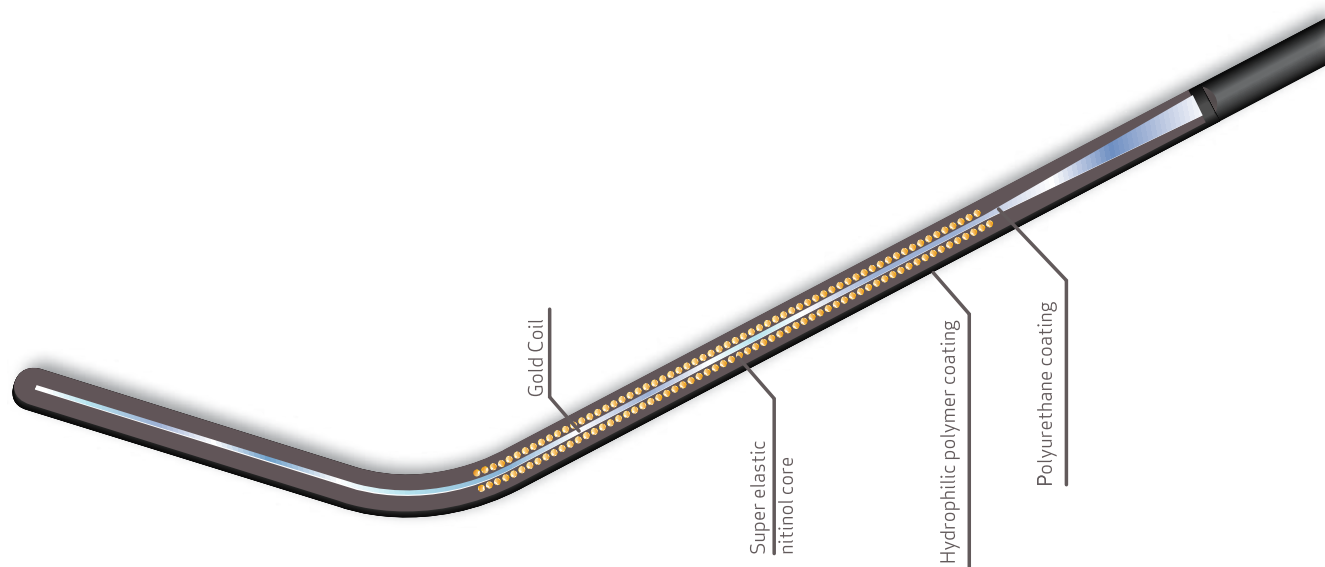
Key Features

Distal selectivity

- ▶ Available in a variety of tip angles (45°, 90°, double angle 90° + 150°)
- ▶ Precise and rapid vessel selection even in challenging anatomies

Outstanding torque control

- ▶ A one-piece construction of the wire for exceptional torque response
- ▶ Super-elastic nitinol core for easy maneuverability
- ▶ Minimal danger of kinking



Extremely flexible tip

- ▶ Flexible distal tip to enable smooth navigation through tortuous vessels
- ▶ Better flexibility through extra-long tapered tips
- ▶ Available as standard (25 cm for 0.012/0.31 mm & 0.014/0.36 mm diameter) or floppy lengths (35 cm for 0.016/0.41 mm diameter)

Excellent visibility

- ▶ 2 cm gold coil at the tip for excellent radio opacity
- ▶ Polyurethane coating
- ▶ Hydrophilic polymer coating



Terumo hydrophilic coating Mcoat™



Product structure

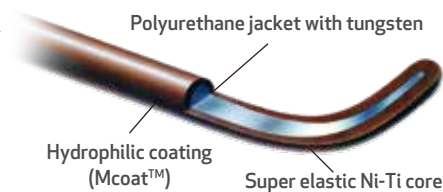
Small diameters and distal pre-shaped curves **allow super-selective access** in tortuous vessels
Tapered tip **ensures atraumatic navigation**

Product Specifications

Code Number	Outer Diameter	Length	Flexible Length	Distal Curve
RG*GW1218SM	0.012"/0.31mm	180cm	25cm	Double Angled 90° +150°
RG*GE1218SM	0.012"/0.31mm	180cm	25cm	Angled 90° × 4mm
RG*GA1218SM	0.012"/0.31mm	180cm	25cm	Angled 45° × 4mm
RG*GA1220SM	0.012"/0.31mm	200cm	25cm	Angled 45° × 4mm
RG*GW1220SM	0.012"/0.31mm	200cm	25cm	Double Angled 90° +150°
RG*GW1418SM	0.014"/0.36mm	180cm	25cm	Double Angled 90° +150°
RG*GA1418SM	0.014"/0.36mm	180cm	25cm	Angled 45° × 4mm
RG*GE1418SM	0.014"/0.36mm	180cm	25cm	Angled 90° × 4mm
RG*GA1420SM	0.014"/0.36mm	200cm	25cm	Angled 45° × 4mm
RG*GW1420SM	0.014"/0.36mm	200cm	25cm	Double Angled 90° +150°
RG*GA1618FM	0.016"/0.41mm	180cm	35cm	Angled 45° × 4mm
RG*GA1618SM	0.016"/0.41mm	180cm	25cm	Angled 45° × 4mm
RG*GW1615SM	0.016"/0.41mm	150cm	25cm	Double Angled 90° +150°
RG*GW1618FM	0.016"/0.41mm	180cm	35cm	Double Angled 90° +150°
RG*GE1618SM	0.016"/0.41mm	180cm	25cm	Angled 90° × 4mm
RG*GE1618FM	0.016"/0.41mm	180cm	35cm	Angled 90° × 4mm
RG*GE1615SM	0.016"/0.41mm	150cm	25cm	Angled 90° × 4mm
RG*GV1618SM	0.016"/0.41mm	180cm	25cm	Double Angled 90° +90°
RG*GA1620FM	0.016"/0.41mm	200cm	35cm	Angled 45° × 4mm
RG*GW1620FM	0.016"/0.41mm	200cm	35cm	Double Angled 90° +150°

RADIFOCUS® *Guide Wire M*

GLIDE WITH **CONFIDENCE**



Key Features

Hydrophilic coating (Mcoat™)



High lubricity with less friction
Smooth/rapid navigation
Enhanced trackability

Super elastic nitinol core



High durability with kink resistance
Excellent tip shape memory
Single piece construction

Polyurethane jacket with tungsten



Good visibility of entire wire
Smooth surface for hydrophilic coating
Ensures non-traumatic insertion

Gently tapered tip



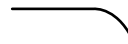
Flexibility for easy artery navigation
Easy to select target vessel
Decreased possibility of vessel trauma

Shapes

Straight



Angled



General specifications

Core material	Nitinol
Radiopaque jacket	Polyurethane layer containing tungsten
Hydrophilic coating	MCoat™
Guidewire diameters	0.018" (0.46 mm +0.02 mm)/0.025" (0.64 mm +0.00 mm) / 0.032" (0.81 mm +0.00 mm) / 0.035" (0.89 mm +0.01 mm) / 0.038" (0.97 mm + 0.02 mm)
Guidewire lengths	50 cm/80 cm/120cm/150cm/180 cm/220 cm/260 cm/ 300 cm/400 cm/450 cm
Distal flexible lengths	1cm/3cm/5cm/8cm
Distal curves	Straight /Angled / 1.5 mm J shape / 3 mm J shape
Units per box	5

Ordering Specifications

Product Code	Wire Type	Outer Diameter	Overall Length	Flexible Tip Length	Tip Shape	
RF*GA35153M	Standard	0.035" / 0.89 mm	150 cm	3 cm	Angled	
RF*GA35263M	Standard	0.035" / 0.89 mm	260 cm	3 cm	Angled	
RF*GA32263M	Standard	0.032" / 0.81 mm	260 cm	3 cm	Angled	
RF*GA38183M	Standard	0.038" / 0.97 mm	180 cm	3 cm	Angled	
RF*GA35158M	Standard	0.035" / 0.89 mm	150 cm	8 cm	Angled	
RF*PA25153M	Stiff	0.025" / 0.64 mm	150 cm	3 cm	Angled	
RF*GA18153M	Standard	0.018" / 0.46 mm	150 cm	3 cm	Angled	
RF*GA18223M	Standard	0.018" / 0.46 mm	220 cm	3 cm	Angled	
RF*PA35083M	Stiff	0.035" / 0.89 mm	80 cm	3 cm	Angled	
RF*GA35123M	Standard	0.035" / 0.89 mm	120 cm	3 cm	Angled	
RF*GA32153M	Standard	0.032" / 0.81 mm	150 cm	3 cm	Angled	
RF*GA38153M	Standard	0.038" / 0.97 mm	150 cm	3 cm	Angled	
RF*GA25153M	Standard	0.025" / 0.64 mm	150 cm	3 cm	Angled	
RF*PA18183M	Stiff	0.018" / 0.46 mm	180 cm	3 cm	Angled	
RF*GA35303M	Standard	0.035" / 0.89 mm	300 cm	3 cm	Angled	
RF*PA35263M	Stiff	0.035" / 0.89 mm	260 cm	3 cm	Angled	
RF*GA25263M	Standard	0.025" / 0.64 mm	260 cm	3 cm	Angled	
RF*PA35183M	Stiff	0.035" / 0.89 mm	180 cm	3 cm	Angled	
RF*PA35153M	Stiff	0.035" / 0.89 mm	150 cm	3 cm	Angled	
RF*GA38263M	Standard	0.038" / 0.97 mm	260 cm	3 cm	Angled	
RF*GA35403M	Standard	0.035" / 0.89 mm	400 cm	3 cm	Angled	
RF*GA18183M	Standard	0.018" / 0.46 mm	180 cm	3 cm	Angled	
RF*GA35453M	Standard	0.035" / 0.89 mm	450 cm	3 cm	Angled	
RF*PA18453M	Stiff	0.018" / 0.46 mm	450 cm	3 cm	Angled	
RF*PA25263M	Stiff	0.025" / 0.64 mm	260 cm	3 cm	Angled	
RF*GA38223M	Standard	0.038" / 0.97 mm	220 cm	3 cm	Angled	
RF*GA35155M	Standard	0.035" / 0.89 mm	150 cm	5 cm	Angled	
RF*GA35181M	Standard	0.035" / 0.89 mm	180 cm	1 cm	Angled	

Product Code	Wire Type	Outer Diameter	Overall Length	Flexible Tip Length	Tip Shape	
RF*GS35153M	Standard	0.035" / 0.89 mm	150 cm	3 cm	Straight	
RF*GS25153M	Standard	0.025" / 0.64 mm	150 cm	3 cm	Straight	
RF*GS38153M	Standard	0.038" / 0.97 mm	150 cm	3 cm	Straight	
RF*GS18153M	Standard	0.018" / 0.46 mm	150 cm	3 cm	Straight	
RF*PS35263M	Stiff	0.035" / 0.89 mm	260 cm	3 cm	Straight	
RF*GS32153M	Standard	0.032" / 0.81 mm	150 cm	3 cm	Straight	
RF*GS35263M	Standard	0.035" / 0.89 mm	260 cm	3 cm	Straight	
RF*GS25263M	Standard	0.025" / 0.64 mm	260 cm	3 cm	Straight	
RF*GS32263M	Standard	0.032" / 0.81 mm	260 cm	3 cm	Straight	
RF*GS18263M	Standard	0.018" / 0.46 mm	260 cm	3 cm	Straight	
RF*GS32183M	Standard	0.032" / 0.81 mm	180 cm	3 cm	Straight	
RF*PS35153M	Stiff	0.035" / 0.89 mm	150 cm	3 cm	Straight	
RF*PS35183M	Stiff	0.035" / 0.89 mm	180 cm	3 cm	Straight	
RF*GS38263M	Standard	0.038" / 0.97 mm	260 cm	3 cm	Straight	
RF*GS35223M	Standard	0.035" / 0.89 mm	220 cm	3 cm	Straight	
RF*GS35453M	Standard	0.035" / 0.89 mm	450 cm	3 cm	Straight	
RF*GS35183M	Standard	0.035" / 0.89 mm	220 cm	3 cm	Straight	
RF*PS38153M	Stiff	0.038" / 0.97 mm	150 cm	3 cm	Straight	

RADIFOCUS™
Guide Wire J Tip (1.5mm)

CONQUER THE CURVES
FOR TRANSRADIAL SUCCESS



Key Features

Tracks Through Torturous Anatomy



Alloy core
resists kinking



Easier and
faster tracking



Navigate complex
radial artery loop

Avoids Radial Artery Side Access



Minimizes risk
of perforation



Tightly curved J-tip avoids
collateral branches



Avoids radial artery
complications

Enables Small Vessel Access



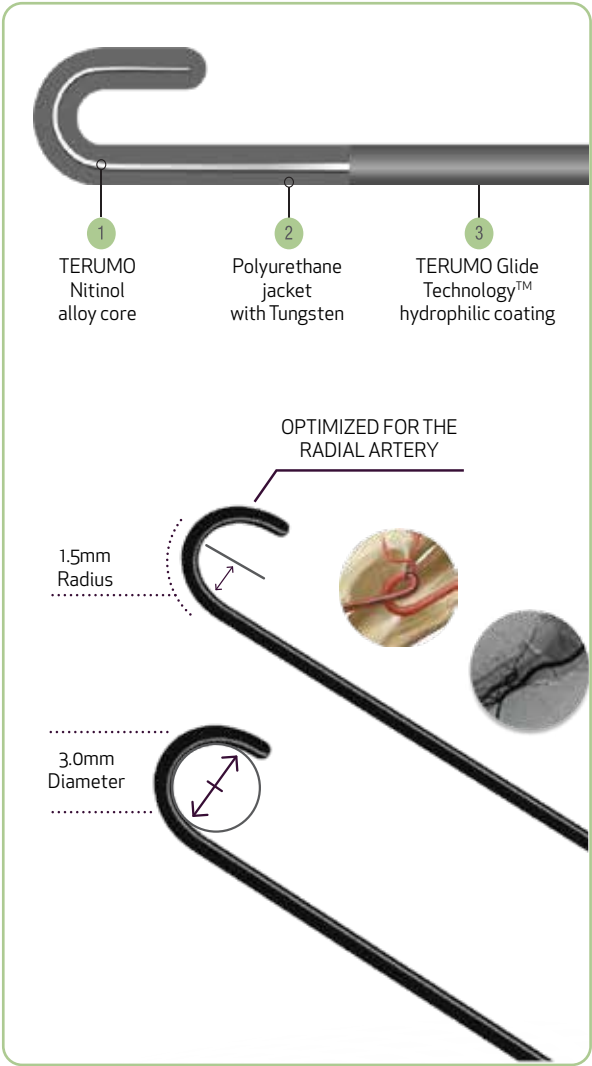
Superior lubricity
retention



Minimizes Slide
Resistance



Smooth
wire tracking



Ordering Specifications

Product Code	Wire Type	Outer Diameter	Overall Length	Flexible Tip Length	Tip Shape	
RF*GR35153M	Standard	0.035" / 0.89 mm	150 cm	3 cm	1.5 mm J-tip	
RF*GR35183M	Standard	0.035" / 0.89 mm	180 cm	3 cm	1.5 mm J-tip	
RF*GR35263M	Standard	0.035" / 0.89 mm	260 cm	3 cm	1.5 mm J-tip	
RF*HR35183M	Half Stiff	0.035" / 0.89 mm	180 cm	3 cm	1.5 mm J-tip	

Introducer Kit

RADIFOCUS™

Introducer II



ENGINEERED TO ADDRESS THE DETAILS

- ▶ RADIFOCUS™ Introducer II facilitates percutaneous vessel insertion for interventional procedures, featuring a tapering Total Integrated Fit (TIF) tip design for smooth penetration.

Key Features

Cross-cut hemostasis valve

Effectively protects against blood reflux and air aspiration



Thin radiopaque sheath with anti-kinking sleeve

For excellent catheter handling



Snap-on/click-off dilator lock

Prevents dilator back-out during insertion and allows one-hand unlocking



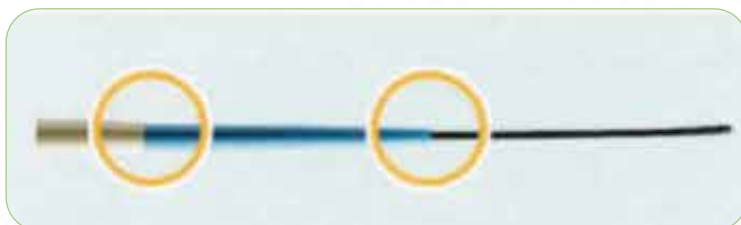
Wide variety of kit variations, for quick vessel access

4 -11 Fr sheaths, 5 - 25 cm lengths
Surflash or micro puncture metal needle



Total Integrated Fit (TIF) tip tapering

Optimal tapering design at the tip of the sheath and dilator for smooth penetration



Available sizes - A Kit

Type	Product Code	Sheath Size	Color Code	Sheath Length	Max. Guide Wire Size	Needle Size	Mini Guide Wire Shape/Size	Remarks
A Kit - Plastic Tray (Sheath, Dilator, Mini Plastic Guide Wire, Entry Needle, Syring, Scalpel)	RS*A40G05SQ	4 Fr.	Red	7cm	0.025"	20G	Straight / 0.025" x 45cm	Mini Guide Wire length, 80cm > 45cm introducer needle length, 20G x 2" > 20G x 1-1/4", contains a knife
	RS*A40G16AQZ	4 Fr.	Red	16cm	0.025"	20G	Angled / 0.025" x 45cm	
	RS*A40G16SQZ	4 Fr.	Red	16cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A40K10AQ	4 Fr.	Red	10cm	0.035"	18G	Angled / 0.035" x 45 cm	
	RS*A40K10SQ	4 Fr.	Red	10cm	0.035"	18G	Straight / 0.035" x 45 cm	
	RS*A50G05SQ	5 Fr.	Grey	5 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A50G07SQ	5 Fr.	Grey	7 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A50G16AQZ	5 Fr.	Grey	16 cm	0.025"	20G	Angled / 0.025" x 45 cm	Mini Guide Wire length, 80cm > 45cm, Introducer needle length, 20G x 2" > 20G x 1-1/4", contains a knife
	RS*A50G16SQZ	5 Fr.	Grey	16 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A50K10SQ	5 Fr.	Grey	10 cm	0.035"	18G	Straight / 0.035" x 45 cm	
	RS*A60G05SQ	6 Fr.	Light Green	5 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A60G07SQ	6 Fr.	Light Green	7 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A60G16AQZ	6 Fr.	Light Green	16 cm	0.025"	20G	Angled / 0.025" x 45 cm	Mini Guide Wire length, 80cm > 45cm, Introducer needle length, 20G x 2" > 20G x 1-1/4", contains a knife
	RS*A60G16SQZ	6 Fr.	Light Green	16 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A60K10SQ	6 Fr.	Light Green	10cm	0.035"	18G	Straight / 0.035" x 45 cm	
	RS*A60N10SQ	6 Fr.	Light Green	10cm	0.038"	16G	Straight / 0.038" x 45 cm	
	RS*A70G07SQ	7 Fr.	Orange	7 cm	0.025"	20G	Straight / 0.025" x 45 cm	
	RS*A70K10SQ	7 Fr.	Orange	10 cm	0.035"	18G	Straight / 0.035" x 45 cm	
	RS*A80K10SQ	8 Fr.	Light Blue	10 cm	0.035"	18G	Straight / 0.035" x 45 cm	
	RS*A10K10SQ	10 Fr.	Purple	10 cm	0.035"	18G	Straight / 0.035" x 45 cm	

Available sizes - B Kit

Type	Product Code	Sheath Size	Color Code	Sheath Length	Max. Guide Wire Size	Needle Size	Mini Guide Wire Shape/Size
B Kit - Plastic Tray (Sheath, Dilator, Mini Plastic / Spring Guidewire)	RS*B40K10AQ	4 Fr.	Red	10cm	0.035"	18G	Angled / 0.035" x 45 cm
	RS*B40K10MQ	4 Fr.	Red	10cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B50G07SQ	5 Fr.	Grey	7 cm	0.025"	20G	Straight / 0.025" x 45 cm
	RS*B50K10MQ	5 Fr.	Grey	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B50K10MR	5 Fr.	Grey	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B50K25AQ	5 Fr.	Grey	25 cm	0.035"	18G	Angled / 0.035" x 80 cm
	RS*B50N10MQ	5 Fr.	Grey	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B50N10MR	5 Fr.	Grey	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B50N25AQ	5 Fr.	Grey	25 cm	0.038"	16G	Angled / 0.038" x 80 cm
	RS*B60G07SQ	6 Fr.	Light Green	7 cm	0.025"	20G	Straight / 0.025" x 45 cm
	RS*B60G10SQ	6 Fr.	Light Green	10 cm	0.025"	20G	Straight / 0.025" x 45 cm
	RS*B60K10MQ	6 Fr.	Light Green	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B60K10MR	6 Fr.	Light Green	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B60K10SQ	6 Fr.	Light Green	10 cm	0.035"	18G	Straight / 0.035" x 45 cm
	RS*B60N10MQ	6 Fr.	Light Green	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B60N10MR	6 Fr.	Light Green	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B60N25AQ	6 Fr.	Light Green	25 cm	0.038"	16G	Angled / 0.038" x 80 cm
	RS*B70K10MQ	7 Fr.	Orange	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B70K10MR	7 Fr.	Orange	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B70K10SQ	7 Fr.	Orange	10 cm	0.035"	18G	Straight / 0.035" x 45 cm
	RS*B70N10MQ	7 Fr.	Orange	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B70N10MR	7 Fr.	Orange	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B70N25AQ	7 Fr.	Orange	25 cm	0.038"	16G	Angled / 0.038" x 80 cm
	RS*B80K10MR	8 Fr.	Light Blue	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*B80K10SQ	8 Fr.	Light Blue	10 cm	0.035"	18G	Straight / 0.035" x 45 cm
	RS*B80K25AQ	8 Fr.	Light Blue	25 cm	0.035"	18G	Angled / 0.038" x 80 cm
	RS*B80N10MQ	8 Fr.	Light Blue	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B80N10MR	8 Fr.	Light Blue	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B80N25AQ	8 Fr.	Light Blue	25 cm	0.038"	16G	Angled / 0.038" x 80 cm
	RS*B90N10MQ	9 Fr.	Black	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B10N10MQ	10 Fr.	Purple	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*B11N10MQ	11 Fr.	Yellow	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm

Available sizes - R Kit

Type	Product Code	Sheath Size	Color Code	Sheath Length	Max. Guide Wire Size	Needle Size	Mini Guide Wire Shape/Size
R Kit - Plastic Tray (Sheath, Dilator, Metalic Needle & Mini Spring Guidewire)	RS*R40K10MQ	4 Fr.	Red	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*R50N10MQ	5 Fr.	Grey	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*R60N25MQ	6 Fr.	Light Green	25 cm	0.038"	16G	J-Straight / 0.038" x 80 cm
	RS*R70N25MQ	7 Fr.	Orange	25 cm	0.038"	16G	J-Straight / 0.038" x 80 cm
	RS*R50K10MQ	5 Fr.	Grey	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*R60K10MQ	6 Fr.	Light Green	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*R60N10MQ	6 Fr.	Light Green	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*R70K10MQ	7 Fr.	Orange	10 cm	0.035"	18G	J-Straight / 0.035" x 45 cm
	RS*R70N10MQ	7 Fr.	Orange	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*R80N10MQ	8 Fr.	Light Blue	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm
	RS*R80N25MQ	8 Fr.	Light Blue	25 cm	0.038"	16G	J-Straight / 0.038" x 80 cm
	RS*R90N10MQ	9 Fr.	Black	10 cm	0.038"	16G	J-Straight / 0.038" x 45 cm

RADIFOCUS™ *Optitorque*™

IN RADIAL PROCEDURES LEAD WITH **CONFIDENCE**



Key Features

► A complete line of coronary diagnostic catheters that help you lead with confidence.

1:1 torque control



Double-braided stainless steel (two-ply) mesh middle layer minimizes whipping at the distal tip

Large lumen



High flow of contrast media
Allows downsizing of French size

Coaxial Alignment



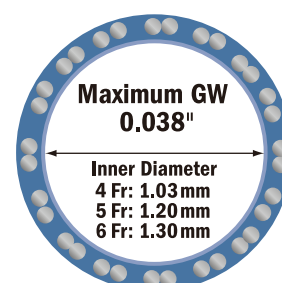
Tip of Catheter designed to fit coaxially with the ostium for optimal engagement

Soft tip

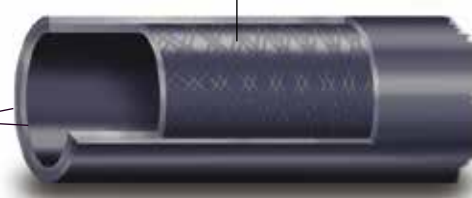


Reduces potential for vessel trauma

Shaft Cross Section



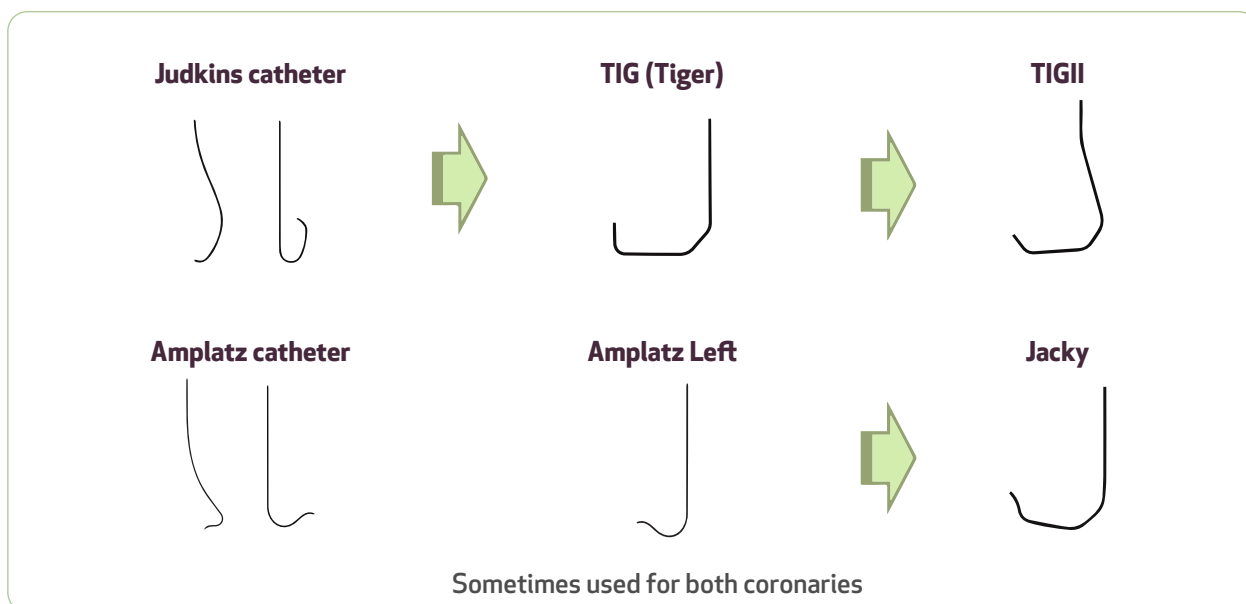
Double-braided Stainless Steel Middle Layer (32 strands)



Nylon-polyurethane Inner and Outer Layers

-40% Procedure time	-16% Contrast volume
-13% Direct cost per procedure	-19% Fluoroscopy time
-33% Radial spasms	

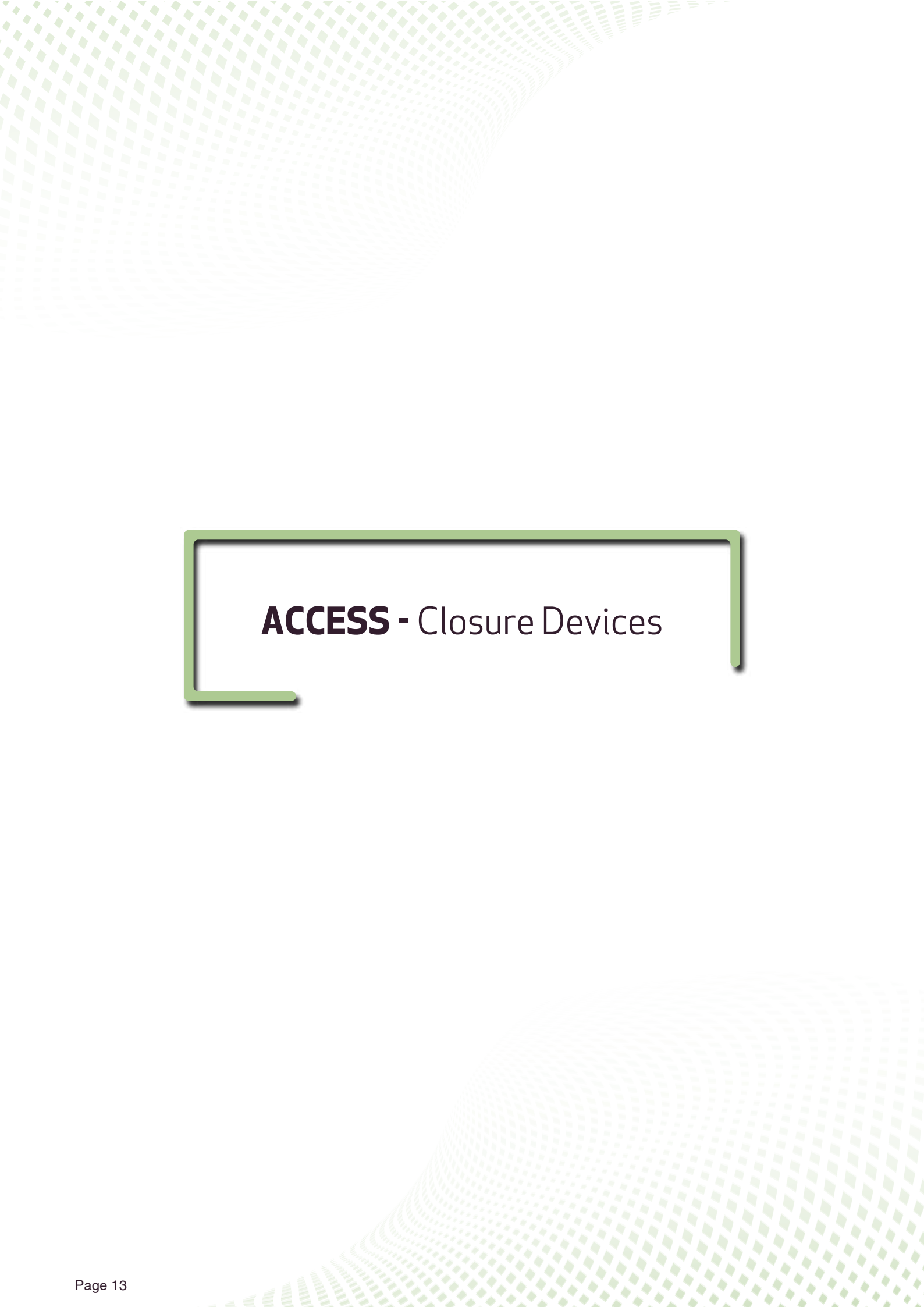
One-stop solution for all your radial and femoral angiographic catheterization needs with Radifocus™ Optitorque™.



Ordering Specifications

Shape Category	Product Code 4 Fr/1.40 mm	Product Code 5 Fr/1.70 mm	Product Code 6 Fr/2.00 mm	Shape Name	Length cm	Side Holes	Shape
Tiger	RH*4TIG110M	RH*5TIG110M	RH*6TIG110M	Radial TIG 4.0	100	1	
	RH*4TIG111M	RH*5TIG111M	RH*6TIG111M	Radial TIG 4.0	110	1	
	-	RH*5TR3510M	-	Radial TIG II 3.5	100	1	
	-	RH*5TR4000M	RH*6TR4000M	Radial TIG II 4.0	100	0	
	-	RH*5TR4010M	-	Radial TIG II 4.0	110	1	
	-	RH*5TR4500M	-	Radial TIG II 4.5	100	0	
	-	RH*5TR5001M	-	Radial TIG II 5.0	110	0	
Jacky	-	RH*5BL3520M	RH*6BL3520M	Jacky Radial 3.5	100	2	
	RH*4BL4020M	RH*5BL4020M	RH*6BL4020M	Sarah Radial 4.0	100	2	
Pigtail	RH*4SP0061M	RH*5SP0061M	RH*6SP0061M	Straight Pigtail	110	6	
	-	RH*5AP5561M	RH*6AP5561M	Angled Pigtail 155°	110	6	
Judkins Left	RH*4JL3500M	RH*5JL3500M	RH*6JL3500M	JL 3.5 (Judkins Left 3.5 cm)	100	-	
	RH*4JL4000M	RH*5JL4000M	RH*6JL4000M	JL 4.0 (Judkins Left 4.0 cm)	100	-	
	RH*4JL5000M	RH*5JL5000M	RH*6JL5000M	JL 5.0 (Judkins Left 5.0 cm)	100	-	
Judkins Right	RH*4JR3500M	RH*5JR3500M	RH*6JR3500M	JR 3.5 (Judkins Right 3.5 cm)	100	-	
	RH*4JR4000M	RH*5JR4000M	RH*6JR4000M	JR 4.0 (Judkins Right 4.0 cm)	100	-	
	RH*4JR5000M	RH*5JR5000M	RH*6JR5000M	JR 5.0 (Judkins Right 5.0 cm)	100	-	
Bypass	RH*4BPIR00M	RH*5BPIR00M	RH*6BPIR00M	Internal Mammary	100	-	
Amplatz	RH*4SAL100M	RH*5SAL100M	RH*6SAL100M	AL 1 (Amplatz Left Small Type)	100	-	
	RH*4SAL200M	RH*5SAL200M	RH*6SAL200M	AL 2 (Amplatz Left Middle Type)	100	-	

Maximum pressure: 4Fr: 750 psi, 5&6Fr: 1000 psi



ACCESS - Closure Devices

Angio-Seal[®] VIP

Vascular Closure Device

THE INSIDE ADVANTAGE[™]

Bioabsorbable + Dual Security

Key Features

The device forms a mechanical seal by enclosing the arteriotomy with a bioabsorbable anchor and collagen sponge, both of which dissolve within 60 to 90 days

Dual Security

The bioabsorbable Angio-Seal[™] anchor + collagen provides dual security ensuring it is positioned correctly and stays in place.

Bioabsorbable Anchor

Designed to fit closely against the arterial wall, leaving blood flow undisturbed with no residual stenosis

Bioabsorbable Collagen

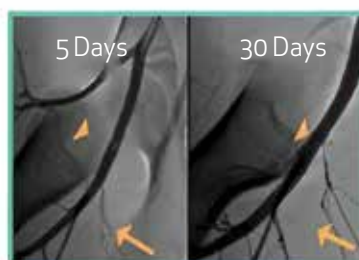
Designed to conform to the arteriotomy for confident closure

Bioabsorbable Suture

Tethers the anchor and collagen together, providing a secure seal



Active closure with bioabsorbable anchor and collagen



Bioabsorbable Angio-Seal[™] is no longer visible 30 days following implantation*

Ordering Specifications

Product Code	French Size	Guidewire Diameter (in)
610132	6	0.035
610133	8	0.038

Contents: Vascular Closure Device, Insertion Sheath, Arteriotomy Locator and 70 cm Guidewire with "J" Straightener

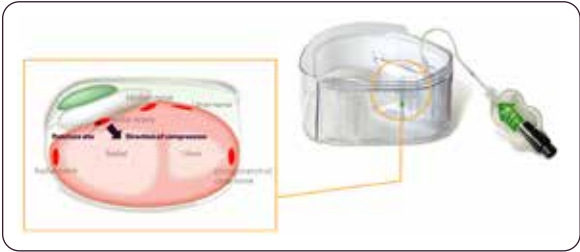
*Reprinted from Eurointervention. Vol 5, Tellez A, Cheng Y, Yi G, et al. In vivo intravascular ultrasound analysis of the absorption rate of the Angio-Seal[™] vascular closure device in the porcine femoral artery:731-736. ©2010, with permission from Europa Digital & Publishing.

TR Band[®]

Radial Compression Device

THE CLEAR ADVANTAGE

Key Features



Transparency enables ongoing observation of the access site, while **dual compression balloons** ensure accurate radial artery compression without impacting local nerve structures.

Air titration offers precise pressure application to the radial artery. **Adjustable straps** ensure quick and easy application, with two band lengths for optimal patient sizing.



Less affected by minor air adjustments, ensuring consistent arterial blood flow compared to other balloon inflation devices. Offers minimal variability during air titration, maintaining sufficient blood flow in the radial artery. Achieves hemostasis at low pressures, minimizing the risk of applying excessive pressure.

Ordering Specifications

Product Code	Type	Length	Quantity
XX*RF06	Standard Size	24 cm	5/box
XX*RF06L	Large Size	29 cm	5/box



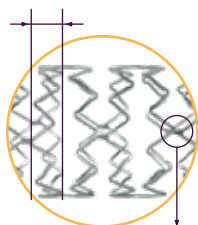
PCI - Drug Eluting Stents

Ultimaster Nagomi[™]

Sirolimus eluting coronary stent system

The latest generation of
the Ultimaster[™] DES family

Key Features



A flexible multi-joint, in-phase, 2-link design
which can easily fit to bifurcation lesions

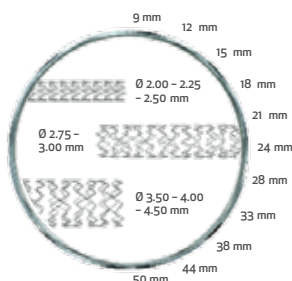
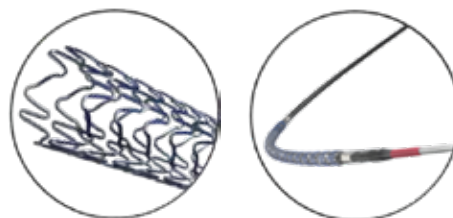
Inherited open-cell, 2-link design

For flexible stent platforms, to easily fit to bifurcation lesions
Stent bandwidth shortened to help increase flexibility



3 platforms

Specifically designed to meet the needs of
each vessel size

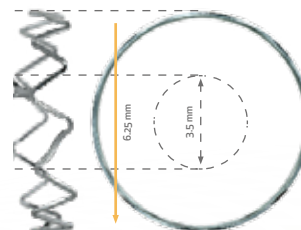


Largest size line-up

The largest size line-up in the Ultimaster[™] family, with the new
Ø2.00 & Ø4.50mm and 44 & 50mm lengths

Optimized overexpansion capability

A 10-crown design for enhanced expansion in large vessels,
with optimized overexpansion capability up to 6.25 mm for
Ø3.50mm to Ø4.50mm stents **enabling more uniform
vessel cover**



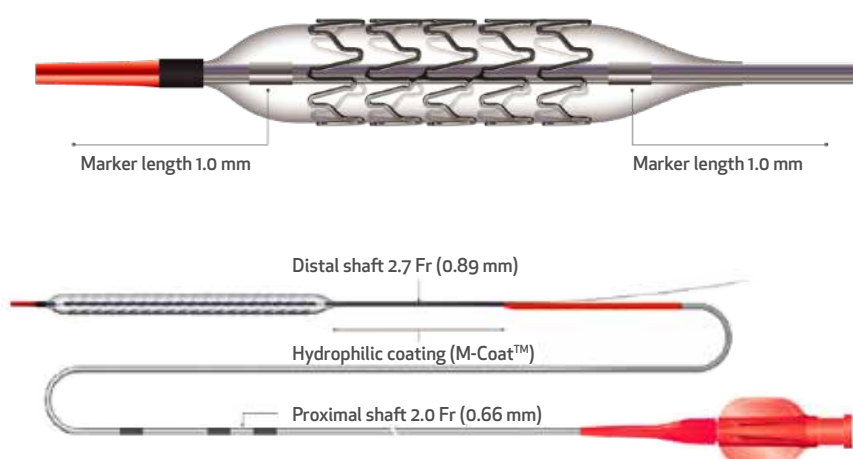
New hydrophilic coating

Outstanding deliverability achieved through a new hydrophilic
coating and a balloon with 11 atm nominal pressure, **alongside
increased catheter inner lumen for rapid deflation**

Drug Eluting Stents

General Specifications

Stent Specifications	
Stent design	Open cell
Stent material	Cobalt Chromium L605
Strut thickness	80 µm
Drug	Sirolimus
Drug dose	3.9 µg/mm stent length
Polymer	Poly (DL-lactide-co-caprolactone)
Drug coating	Abluminal & gradient
Polymer degradation time and drug release	3-4 months



Drug and Polymer

Inherited abluminal gradient bioresorbable coating to maintain polymer integrity even when overexpanded, allowing for an optimized drug dose of sirolimus (3.9 µg/mm of stent), simultaneous polymer resorption and drug release within 3-4 months.

Item Specifications

Length (mm)	Diameter (mm)							
	2.00	2.25	2.50	2.75	3.00	3.50	4.00	4.50
9	DE-RS2009ASM	DE-RS2209ASM	DE-RS2509ASM	DE-RS2709ASM	DE-RS3009ASM	DE-RS3509ASM	DE-RS4009ASM	DE-RS4509ASM
12	DE-RS2012ASM	DE-RS2212ASM	DE-RS2512ASM	DE-RS2712ASM	DE-RS3012ASM	DE-RS3512ASM	DE-RS4012ASM	DE-RS4512ASM
15	DE-RS2015ASM	DE-RS2215ASM	DE-RS2515ASM	DE-RS2715ASM	DE-RS3015ASM	DE-RS3515ASM	DE-RS4015ASM	DE-RS4515ASM
18	DE-RS2018ASM	DE-RS2218ASM	DE-RS2518ASM	DE-RS2718ASM	DE-RS3018ASM	DE-RS3518ASM	DE-RS4018ASM	DE-RS4518ASM
21	DE-RS2021ASM	DE-RS2221ASM	DE-RS2521ASM	DE-RS2721ASM	DE-RS3021ASM	DE-RS3521ASM	DE-RS4021ASM	DE-RS4521ASM
24	DE-RS2024ASM	DE-RS2224ASM	DE-RS2524ASM	DE-RS2724ASM	DE-RS3024ASM	DE-RS3524ASM	DE-RS4024ASM	DE-RS4524ASM
28	DE-RS2028ASM	DE-RS2228ASM	DE-RS2528ASM	DE-RS2728ASM	DE-RS3028ASM	DE-RS3528ASM	DE-RS4028ASM	DE-RS4528ASM
33	DE-RS2033ASM	DE-RS2233ASM	DE-RS2533ASM	DE-RS2733ASM	DE-RS3033ASM	DE-RS3533ASM	DE-RS4033ASM	DE-RS4533ASM
38	DE-RS2038ASM	DE-RS2238ASM	DE-RS2538ASM	DE-RS2738ASM	DE-RS3038ASM	DE-RS3538ASM	DE-RS4038ASM	DE-RS4538ASM
44	DE-RS2044ASM	DE-RS2244ASM	DE-RS2544ASM	DE-RS2744ASM	DE-RS3044ASM	DE-RS3544ASM	DE-RS4044ASM	DE-RS4544ASM
50	DE-RS2050ASM	DE-RS2250ASM	DE-RS2550ASM	DE-RS2750ASM	DE-RS3050ASM	DE-RS3550ASM	DE-RS4050ASM	DE-RS4550ASM
Post - dilation limit	3.50 mm			4.50 mm		6.25 mm		

Ultimaster™ Tansei™

Sirolimus Eluting Coronary Stent System

ENHANCED DELIVERABILITY

Key Features

Innovative tip to maximize trackability

Supports navigation through tortuous vessels
Rounded shape for low passing resistance

Advanced shaft for reliable deliverability

Reinforced with a stainless steel core wire, to optimize transmission force

Updated exit port for optimal pushability

Stainless steel tapered core wire for optimal pushability



Product Specifications

Stent Specifications	
Stent design	Open cell
Stent material	Cobalt Chromium L605
Strut thickness	80 µm
Cell size (for 3 mm stent)	4.57 mm~
Drug	Sirolimus
Drug dose	3.9 µg/mm stent length
Polymer	Poly (DL-lactide-co-caprolactone)
Drug coating	Abluminal & gradient
Polymer degradation time and drug release	3-4 months

Delivery System Specifications	
Guidewire compatibility	0.014" (0.36 mm)
Low compliant balloon	Material Nylon12
Nominal pressure	9atm
Rated burst pressure	16 atm - 2.25 to 3.0 mm 14 atm - 3.5 to 4.0 mm
Entry profile	0.018" (0.45 mm)
Crossing profile	0.044" (1.12 mm) for 3.0 mm
Sha°	Distal - 2.7Fr (0.89 mm) Proximal - 1.9Fr (0.64 mm)
Coating	Hydrophilic - Distal sha°
Minimum Guide Catheter	5 Fr (0.056"/1.42 mm)
Usable length	144 cm

Item Specifications

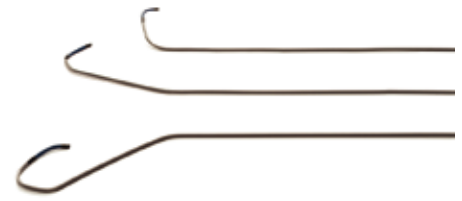
Formulation No./ Model No.	Stent Diameter (mm)	Stent Length (mm)	Usable Catheter Length (cm)	Distal Shaft Diameter (Fr.)	Distal Shaft Diameter (mm)	Proximal Shaft Diameter (Fr.)	Proximal Shaft Diameter (mm)	Marker	Nominal Pressure (kPa)
DE-RQ2209KSM to DE-RQ2238KSM	2.25	9-38	144	2.7	0.89	1.9	0.64	Double	912
DE-RQ2509KSM to DE-RQ2538KSM	2.5	9-38	144	2.7	0.89	1.9	0.64	Double	912
DE-RQ2709KSM to DE-RQ2738KSM	2.75	9-38	144	2.7	0.89	1.9	0.64	Double	912
DE-RQ3009KSM to DE-RQ3038KSM	3	9-38	144	2.7	0.89	1.9	0.64	Double	912
DE-RQ3509KSM to DE-RQ3538KSM	3.5	9-38	144	2.7	0.89	1.9	0.64	Double	912
DE-RQ4009KSM to DE-RQ4038KSM	3.5	9-38	144	2.7	0.89	1.9	0.64	Double	912



PCI - Guiding Catheter

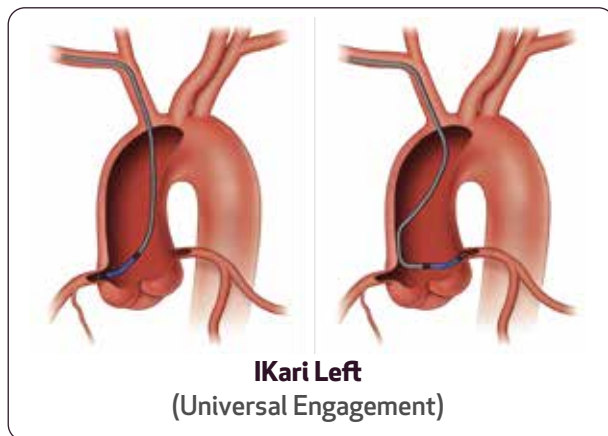
Heartrail®

TRANSFORM YOUR RADIAL TECHNIQUE

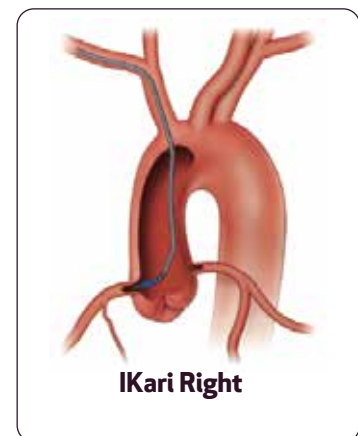


Key Features

- ▶ High radiopacity with distal braiding for fluoroscopic visibility
- ▶ Coaxial alignment for precise positioning at the ostium
- ▶ Soft tip reduces risk of vessel trauma



IKari Left
(Universal Engagement)



IKari Right

Universal shape

Offering the capability to **access both right and left coronary arteries**, potentially eliminating the need for catheter exchanges

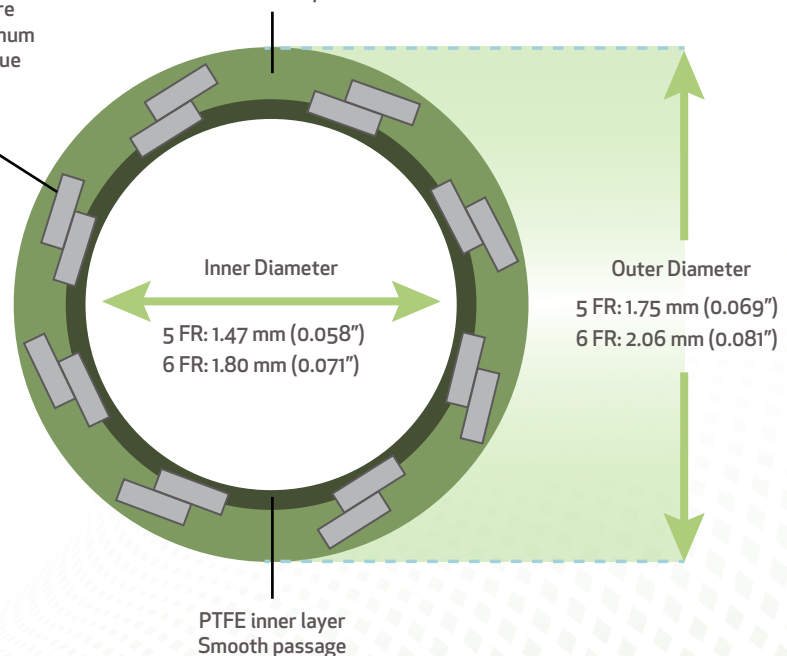
Improved back up support

Catheter designed to utilize the contralateral wall for **superior backup support** ensuring optimal solution during STEMI procedures

Featuring a **flexible shaft for exceptional trackability** in tortuous vessels

Stainless flat wire
Designed for maximum strength and torque control

Outer layer
Catheter gradually softens proximal to distal tip



Product Codes

Shape Category	Shape Name	Product Code	Size (Fr)	Length (cm)	Side Holes	Tip Shape
Ikari Left	IL3.5	40-5370	5 Fr	100	0	
		40-6370	6 Fr	100	0	
		40-6371	6 Fr	100	2	
	IL3.75	40-5372	5 Fr	100	0	
		40-6372	6 Fr	100	0	
		40-6377	6 Fr	100	2	
	IL4.0	40-5373	5 Fr	100	0	
		40-6373	6 Fr	100	0	
		40-6374	6 Fr	100	2	
	IL4.5	40-5375	5 Fr	100	0	
		40-6375	6 Fr	100	0	
		40-6376	6 Fr	100	2	
Ikari Right	IR1.0	40-5380	5 Fr	100	0	
		40-6380	6 Fr	100	0	
		40-6383	6 Fr	100	2	
	IR1.5	40-5381	5 Fr	100	0	
		40-6381	6 Fr	100	0	
		40-6384	6 Fr	100	2	
	IR2.0	40-5382	5 Fr	100	0	
		40-6382	6 Fr	100	0	
		40-6385	6 Fr	100	2	
TIG	TIG4.0	40-5311	5 Fr	100	0	
		40-6311	6 Fr	100	0	



PCI - PTCA Balloon Catheters

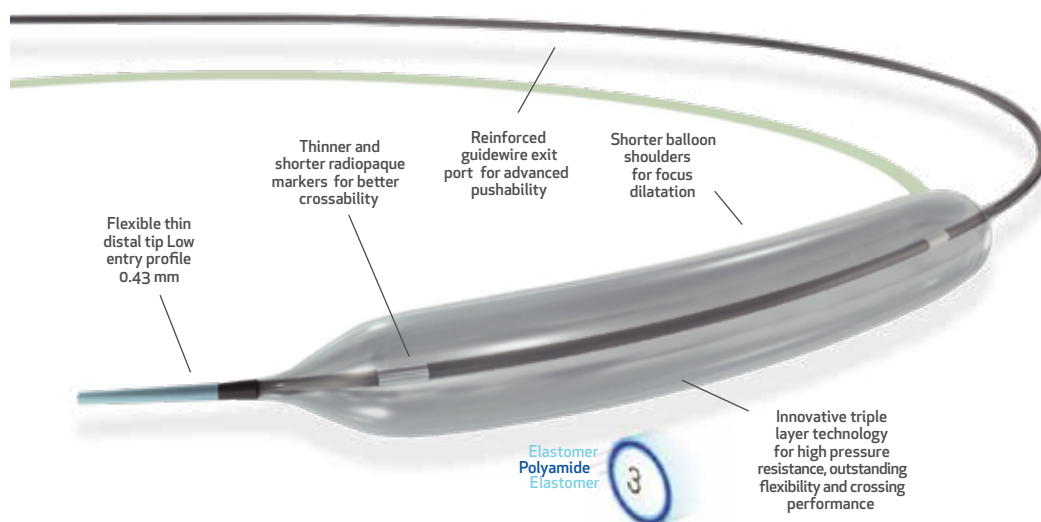
Accuforce™

Non Compliant PTCA Dilatation Balloon Catheter

FORCE. SUCCESS.

NO COMPROMISE.

Key Features



Balloon Compliance

Balloon length																								
Balloon diameter	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
2.00	1.58	1.65	1.72	1.79	1.84	1.88	1.92	1.95	1.98	2.00	2.01	2.03	2.04	2.05	2.06	2.08	2.09	2.10	2.12	2.13	2.14	2.15	2.17	
2.25	1.96	2.01	2.06	2.11	2.14	2.16	2.19	2.21	2.23	2.25	2.26	2.28	2.29	2.31	2.32	2.34	2.35	2.36	2.38	2.39	2.41	2.42	2.44	
2.50	2.19	2.24	2.30	2.36	2.38	2.41	2.44	2.46	2.48	2.50	2.52	2.53	2.55	2.56	2.58	2.60	2.61	2.63	2.64	2.66	2.68	2.69	2.71	
2.75	2.43	2.48	2.53	2.59	2.62	2.65	2.67	2.70	2.73	2.75	2.77	2.79	2.80	2.82	2.84	2.86	2.87	2.89	2.91	2.93	2.94	2.96	2.98	
3.00	2.65	2.71	2.76	2.82	2.85	2.89	2.92	2.95	2.97	3.00	3.02	3.04	3.06	3.08	3.10	3.11	3.13	3.15	3.17	3.19	3.21	3.23	3.25	
3.25	2.89	2.95	3.01	3.07	3.10	3.14	3.17	3.20	3.22	3.25	3.27	3.29	3.31	3.33	3.35	3.37	3.39	3.42	3.44	3.46	3.47	3.48	3.51	
3.50	3.13	3.19	3.26	3.32	3.35	3.39	3.42	3.45	3.47	3.50	3.52	3.54	3.57	3.59	3.61	3.63	3.65	3.68	3.70	3.72	3.74	3.74	3.76	
3.75	3.37	3.44	3.50	3.56	3.60	3.63	3.66	3.69	3.72	3.75	3.77	3.80	3.82	3.84	3.86	3.88	3.90	3.92	3.94	3.96	3.98	3.99	4.01	
4.00	3.58	3.65	3.72	3.79	3.83	3.87	3.90	3.94	3.97	4.00	4.03	4.05	4.07	4.09	4.11	4.13	4.15	4.17	4.19	4.21	4.23	4.26	4.28	
4.50	4.02	4.10	4.19	4.28	4.32	4.37	4.40	4.44	4.47	4.50	4.53	4.56	4.59	4.63	4.66	4.68	4.71	4.75	4.78	4.81	4.84	4.87	4.91	
5.00	4.52	4.59	4.67	4.75	4.80	4.85	4.89	4.93	4.96	5.00	5.03	5.07	5.10	5.13	5.16	5.19	5.22	5.26	5.29	5.32	5.35	5.38	5.41	
Nominal pressure			Rated burst pressure																					

Ordering Information

Stent Length / Product Code							
Balloon diameter	6	8	12	15	20	25	30
2.00	DC-RM2006HSW	DC-RM2008HSW	DC-RM2012HHW	DC-RM2015HHW	DC-RM2020HHW		
2.25	DC-RM2206HSW	DC-RM2208HSW	DC-RM2212HHW	DC-RM2215HHW	DC-RM2220HHW		
2.50	DC-RM2506HSW	DC-RM2508HSW	DC-RM2512HHW	DC-RM2515HHW	DC-RM2520HHW	DC-RM2525HHW	DC-RM2530HHW
2.75	DC-RM2706HSW	DC-RM2708HSW	DC-RM2712HHW	DC-RM2715HHW	DC-RM2720HHW		
3.00	DC-RM3006HSW	DC-RM3008HSW	DC-RM3012HHW	DC-RM3015HHW	DC-RM3020HHW	DC-RM3025HHW	DC-RM3030HHW
3.25	DC-RM3206HSW	DC-RM3208HSW	DC-RM3212HHW	DC-RM3215HHW	DC-RM3220HHW		
3.50	DC-RM3506HSW	DC-RM3508HSW	DC-RM3512HHW	DC-RM3515HHW	DC-RM3520HHW	DC-RM3525HHW	DC-RM3530HHW
3.75	DC-RM3706HSW	DC-RM3708HSW	DC-RM3712HHW	DC-RM3715HHW	DC-RM3720HHW		
4.00	DC-RM4006HSW	DC-RM4008HSW	DC-RM4012HHW	DC-RM4015HHW	DC-RM4020HHW		
4.50	DC-RM4506HSW	DC-RM4508HSW	DC-RM4512HSW	DC-RM4515HSW			
5.00	DC-RM5006HSW	DC-RM5008HSW	DC-RM5012HSW	DC-RM5015HSW			

Ryurei™

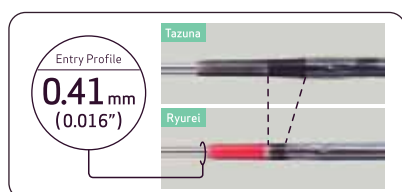
PTCA Dilatation Catheter

Allows every case to Progress Smoothly



Key Features

Ryurei™ boasts superior crossability due to its low distal profiles and Terumo's hydrophilic Mcoat™

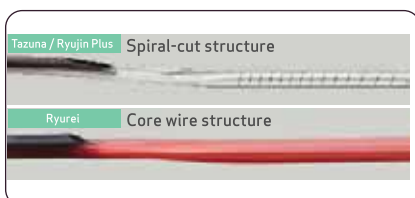


Tip

A small entry profile of 0.41 mm. (Φ1.00 - Φ1.50mm) like Tazuna™, the tip is made of a flexible material

Spiral-cut Structure

The traditional spiral-cut structure found in existing balloons, extending from the proximal end to the tip of the shaft, has been replaced with a **core wire structure** in the re-engineering process



Enhanced Navigation

1.00mm - the smallest diameter for a balloon: A 1.00 mm diameter balloon is included in the lineup, facilitating manipulation in severely stenotic lesions. **Re-wrappable structure:** Three pleats (2.25 mm - 4.00 mm diameter)

Ryurei Semi-compliant PTCA balloon

Balloon Diameter (mm)	NP (atm/kPa)	RBP (atm/kPa)	Distal Shaft OD (Fr./mm)	Proximal Shaft OD (Fr./mm)	Balloon Length						Radiopaque Marker
					5 mm	10 mm	15 mm	20 mm	30 mm	40 mm	
1.00	6/608	14/1419	2.4-2.7/0.79-0.89	1.9/0.64	DC-RR1005HH						Single
1.25	6/608	14/1419	2.4-2.7/0.79-0.89	1.9/0.64	DC-RR1005HH	DC-RR1210HH	DC-RR1215HH	DC-RR1220HH			Single
1.50	6/608	14/1419	2.4-2.7/0.79-0.89	1.9/0.64	DC-RR1005HH	DC-RR1510HH	DC-RR1515HH	DC-RR1520HH			Single
2.00	6/608	14/1419	2.4-2.7/0.79-0.89	1.9/0.64		DC-RR2010HHW	DC-RR2015HHW		DC-RR2030HHW	DC-RR2040HHW	Double
2.25	6/608	14/1419	2.6/0.87	1.9/0.64		DC-RR2210HHW	DC-RR2215HHW	DC-RR2220HHW			Double
2.50	6/608	14/1419	2.6/0.87	1.9/0.64		DC-RR2510HHW	DC-RR2515HHW	DC-RR2520HHW	DC-RR2530HHW	DC-RR2540HHW	Double
2.75	6/608	14/1419	2.6/0.87	1.9/0.64		DC-RR2710HHW	DC-RR2715HHW	DC-RR2720HHW			Double
3.00	6/608	14/1419	2.6/0.87	1.9/0.64		DC-RR3010HHW	DC-RR3015HHW	DC-RR3020HHW	DC-RR3030HHW	DC-RR3040HHW	Double
3.25	6/608	12/1216	2.6/0.87	1.9/0.64		DC-RR3210HHW	DC-RR3215HHW	DC-RR3220HHW			Double
3.50	6/608	12/1216	2.6/0.87	1.9/0.64		DC-RR3510HHW	DC-RR3515HHW	DC-RR3520HHW	DC-RR3530HHW	DC-RR3540HHW	Double
3.75	6/608	12/1216	2.6/0.87	1.9/0.64		DC-RR3710HHW	DC-RR3715HHW	DC-RR3720HHW			Double
4.00	6/608	12/1216	2.6/0.87	1.9/0.64		DC-RR4010HHW	DC-RR4015HHW	DC-RR4015HHW			Double

Relationship between the balloon outer diameter and the allowable inflation pressure

Pressure	(atm) (kPa)	4 405	5 507	5 507	7 709	8 811	9 912	10 1013	11 1115	12 1216	13 1317	14 1419	15 1520	16 1621	17 1723
Balloon outer diameter (mm)	1.00	0.91	0.96	1.00	1.04	1.07	1.10	1.13	1.15	1.17	1.19	1.21	1.24	1.24	1.29
	1.25	1.19	1.22	1.25	1.28	1.30	1.32	1.33	1.35	1.37	1.39	1.41	1.44	1.45	1.47
	1.50	1.41	1.46	1.50	1.54	1.57	1.60	1.62	1.64	1.66	1.69	1.72	1.75	1.79	1.84
	2.00	2.87	1.95	2.00	2.04	2.08	2.11	2.13	2.15	2.18	2.20	2.23	2.26	2.30	2.33
	2.25	2.16	2.21	2.25	2.29	2.32	2.36	2.39	2.42	2.46	2.49	2.53	2.57	2.62	2.66
	2.50	2.40	2.45	2.50	2.54	2.58	2.62	2.66	2.69	2.74	2.78	2.82	2.87	2.91	2.97
	2.75	2.64	2.77	2.75	2.80	2.84	2.88	2.93	2.97	3.02	3.07	3.12	3.18	3.24	3.31
	3.00	3.89	2.95	3.00	3.05	3.09	3.14	3.18	3.23	3.28	3.33	3.38	3.44	3.50	3.57
	3.25	3.12	3.19	3.25	3.30	3.36	3.41	3.46	3.51	3.57	3.63	3.70	3.77		
	3.50	3.37	3.44	3.50	3.56	3.62	3.67	3.73	3.79	3.86	3.93	4.01	4.09		
	3.75	3.62	3.69	3.75	3.81	3.87	3.93	3.99	4.06	4.13	4.21	4.29	4.38		
	4.00	3.86	3.93	4.00	4.07	4.13	4.19	4.26	4.33	4.41	4.49	4.57	4.67		

NP

Nominal Pressure

RBP

Rated Burst Pressure (upper limit)



PCI - PTCA Guidewire

Runthrough™ NS

Versatile for various PTCA scenarios, including challenging cases in interventional cardiology



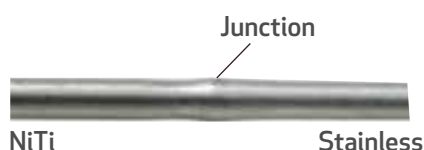
Key Features



Runthrough™ NS family's Duo Core direct-joint tech ensures precise torque and flexible steering control

Nitinol alloy core tip

Guarantees exceptional and lasting shaping memory



Stainless steel and nitinol shaft

Directly jointed stainless steel and nitinol shaft enhances torque transmission efficiently

Mcoat™ hydrophilic coating

Facilitates seamless maneuverability, even in complex anatomy



General-purpose guide wire
ideal for a wide variety of
applications

Optimum-hardness guide wire
enabling a smoother approach to
complex lesions

High-performance guide wire
harmonizing
lubricity and flexibility

Runthrough® NS
Floppy
Runthrough® NS
Extra Floppy

Runthrough® NS
Intermediate

Runthrough® NS
Hypercoat™

Item Specifications

Model No.	Tip Shape	Flexible Type	Distal Outer Diameter (inch)	Distal Outer Diameter (mm)	Length (cm)	Radiopaque Tip Length (cm)	Distal Coating	Proximal Coating
TW-AS418FA	Straight	Floppy	0.014	0.36	180	3	Hydrophilic	PTFE
TW-AS418FAZ	Straight	Floppy	0.014	0.36	180	3	Hydrophilic	PTFE



PCI - Specialty Catheters

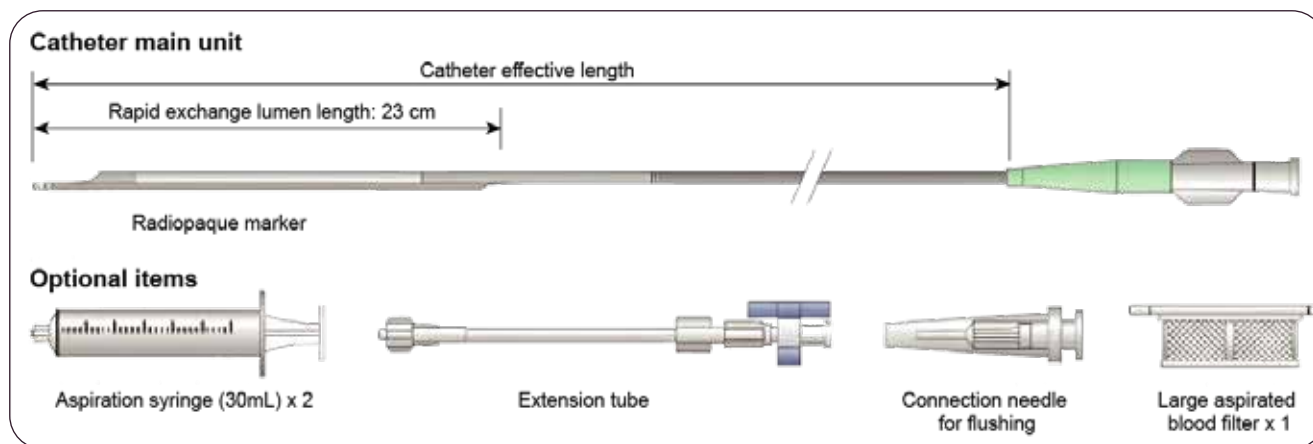
Eliminate™

Aspiration Catheter

A fast and simple solution for effective thrombus aspiration

Key Features

- Innovative aspiration catheter designed to offer a balance between crossing performance, kink resistance and thrombus-aspiration capability.



Shaft



Pre-loaded stylet, fully braided shaft and 23 cm long rapid exchange segment for improved deliverability

Lumen



Large extraction lumen and rounded short tip design for enhanced aspiration capability

Short and thin distal marker for ease of use

Complete kit for single-handed operator use

Clear depth marker for safe insertion

Item Specifications

Product Code	Guiding Catheter Size	Guiding Catheter Inner Diameter Compatibility	Outer Diameter	Inner Diameter	Catheter Length	Wire Compatibility	Rapid Exchange Segment	Hydrophilic Coating Length
			Distal/Proximal	Distal/Proximal				
EG1602	6 Fr.	1.78mm / 0.071"	1.70mm / 5.1 Fr.	1.00mm / 3.0 Fr.	140cm	0.014" / 0.36mm	23cm	40cm
			1.40mm / 4.2 Fr.	1.10mm / 3.3 Fr.				
EG1652	7 Fr.	2.03mm / 0.080"	1.96mm / 5.9 Fr.	1.25mm / 3.75 Fr.				
			1.60mm / 4.8 Fr.	1.30mm / 3.9 Fr.				

FineCross™ MG

Micro Catheter



Designed for success in complex procedures

Key Features

Crossability with guidewire support

The FineCross™ MG microcatheter combines crossability and guidewire support, catering to complex cases such as tortuous vessels, CTO, bifurcations, and highly stenosed and calcified lesions

FineCross™ MG

Tapers from 2.6 Fr to 1.8 Fr over entire catheter length

Guidewire

The shaft is fully stainless-steel braided, ensuring responsiveness, lumen integrity, and pushability

Additionally, it incorporates a PTFE inner layer for optimal guidewire handling, facilitating wire exchange during complex procedures



Item Specifications

Model No.	Distal Outer Diameter (Fr.)	Distal Outer Diameter (mm)	Proximal Outer Diameter (Fr.)	Proximal Outer Diameter (mm)	Distal Inner Diameter (mm)	Distal Inner Diameter (inch)	Proximal inner Diameter (mm)	Proximal Inner Diameter (inch)	Marker Length (mm)	Usable Catheter Length (cm)	Compatible GW (inch)	Compatible GW (mm)
NC-F863A	1.8	0.60	2.6	0.87	0.45	0.018	0.55	0.021	0.7	130	0.014	0.36
NC-F865A	1.8	0.60	2.6	0.87	0.45	0.018	0.55	0.021	0.7	150	0.014	0.36

CTO: Chronic Total Occlusions; PTFE: Polytetrafluoroethylene