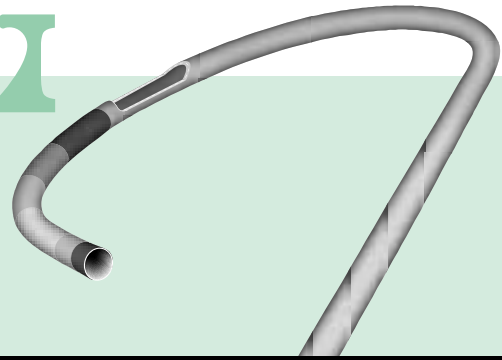


# Heartrail™ II II

## PTCA Guiding catheters



**Support and extra-wide lumen is now possible**

**Terumo's Heartrail II guiding catheter provides enhanced maneuverability, kink resistance and stronger backup support.**

- Soft tip with superb visibility and flexibility
- Excellent device deliverability
- Large lumen: 5F.I.D.= 0.059"/1.50 mm - 6F.I.D.= 0.071"/1.80 mm - 7F.I.D.= 0.081"/2.06 mm
- Robust backup with Terumo's Zone technology

### Specifications

Type	Curve	Shape code	length	5 French Out. Diam.	6 French Out. Diam.	7 French Out. Diam.
				Code number	Code number	Code number
Amplatz Left		AL-1	100 cm	GC-K5AL010N	GC-K6AL010NM	GC-K7AL010N
		AL-2	100 cm	GC-K5AL020N	GC-K6AL010NM	GC-K7AL020N
		AL-3	100 cm	GC-K5AL030N	GC-K6AL030NM	GC-K7AL030N
Amplatz Right		AR-1	100 cm	GC-K5AR010N	GC-K6AR010NM	GC-K7AR010N
		AR-2	100 cm	GC-K5AR020N	GC-K6AR020NM	GC-K7AR020N
Judkins Left		JL-3.5	100 cm	GC-K5JL350N	GC-K6JL350NM	GC-K7JL350N
		JL-4.0	100 cm	GC-K5JL400N	GC-K6JL400NM	GC-K7JL400N
		JL-4.5	100 cm	GC-K5JL450N	GC-K6JL450NM	GC-K7JL450N
		JL-5.0	100 cm	GC-K5JL500N	GC-K6JL500NM	GC-K7JL500N
		JL-6.0	100 cm	GC-K5JL600N	GC-K6JL600NM	GC-K7JL600N
Judkins Right		JR-3.5	100 cm	GC-K5JR350N	GC-K6JR350NM	GC-K7JR350N
		JR-4.0	100 cm	GC-K5JR400N	GC-K6JR400NM	GC-K7JR400N
		JR-4.5	100 cm	GC-K5JR450N	GC-K6JR450NM	GC-K7JR450N
		JR-5.0	100 cm	GC-K5JR500N	GC-K6JR500NM	GC-K7JR500N
		JR-6.0	100 cm	GC-K5JR600N	GC-K6JR600NM	GC-K7JR600N
Backup Left		BL-3.0	100 cm	GC-K5BL300N	GC-K6BL300NM	GC-K7BL300N
		BL-3.5	100 cm	GC-K5BL350N	GC-K6BL350NM	GC-K7BL350N
		BL-4.0	100 cm	GC-K5BL400N	GC-K6BL400NM	GC-K7BL400N
		BL-4.5	100 cm	GC-K5BL450N	GC-K6BL450NM	GC-K7BL450N
Ikari-Curve left		IL-3.5	100 cm	GC-K5IL350N	GC-K6IL350NM	GC-K7IL350N
		IL-4.0	100 cm	GC-K5IL400N	GC-K6IL400NM	GC-K7IL400N
Ikari-Curve right		IR-1.5	100 cm	GC-K5IR150N	GC-K6IR150NM	GC-K7IR150N
		IR-2.0	100 cm	GC-K5IR200N	GC-K6IR200NM	GC-K7IR200N
IMA		IMA-1.0	100 cm	GC-K5IMA10N	GC-K6IMA10NM	GC-K7IMA10N
Multipurpose		MP-L	100 cm	GC-K5MP030N	GC-K6MP030NM	GC-K7MP030N
Bypass Left		BP-L	100 cm	GC-K5BP010N	GC-K6BP010NM	GC-K7BP010N
Bypass Right		BP-R	100 cm	GC-K5BP020N	GC-K6BP020NM	GC-K7BP020N

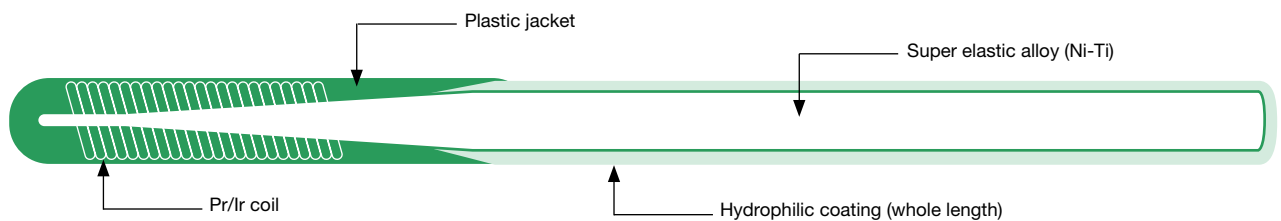
Unit per box: 1



# Crosswire® / Crosswire® NT

## Crosswire®

A specialised guide wire offering superior crossability and flexibility for Chronic Total Occlusion.



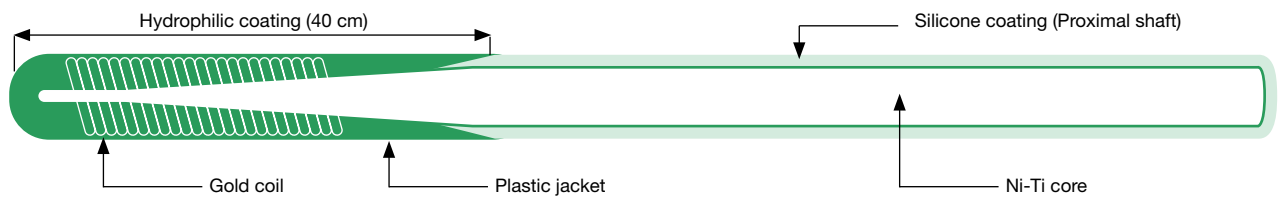
### Specifications

Code number	Flexibility	Diameter	Length	Radiopaque segment	Hydrophilic coating	Tip Shape
CW*NS1418SM	Standard	0.014" / 0.36 mm	180 cm	3 cm	Whole Length	Straight
CW*NS1418H4M	Hard type 40g	0.014" / 0.36 mm	180 cm	3 cm	Whole Length	Straight
CW*NS1418H8M	Hard type 80g	0.014" / 0.36 mm	180 cm	3 cm	Whole Length	Straight

Unit per box: 1

## Crosswire® NT

A specialised guide wire offering superior crossability and flexibility for Chronic Total Occlusion.



### Specifications

Code number	Flexibility	Diameter	Length	Radiopaque segment	Hydrophilic coating	Tip Shape
CW*NA1418SM	Standard	0.014" / 0.36 mm	180 cm	2 cm	40 cm	Straight

Unit per box: 1

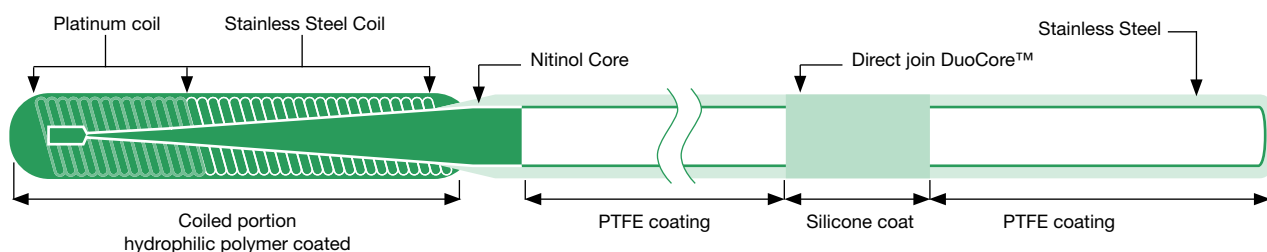
# Runthrough™ NS

## PTCA Guide wire

### Impressive Distal Control

Runthrough™ NS PTCA guide wire, with new DuoCore™ technology, provides outstanding torque response and steering performance by enabling direct connection of two metals of different characteristics. It combines proximal high strength stainless steel shaft and distal durable super-elastic nickel-titanium alloy (NiTi).

- Outstanding durability
- Stable steerability and trackability
- Smooth torque control with DuoCore™



### Floppy type

- Applicable to wide variety lesions
- First choice use

### Specifications

Code number	Type	Diameter	Length	Radiopaque Segment	Hydrophilic coating	Tip Shape
TW-AS418FA	Floppy	0.014" / 0.36 mm	180 cm	3 cm	25 cm	Straight

### Intermediate type

- Highly occluded lesion select before CTO wire
- Circumstances when trackability to the targeted vessel is necessary - (bending lesion, selection of side branches...)

### Specifications

Code number	Type	Diameter	Length	Radiopaque Segment	Hydrophilic coating	Tip Shape
TW-DS418IA	Intermediate	0.014" / 0.36 mm	180 cm	3 cm	25 cm	Straight

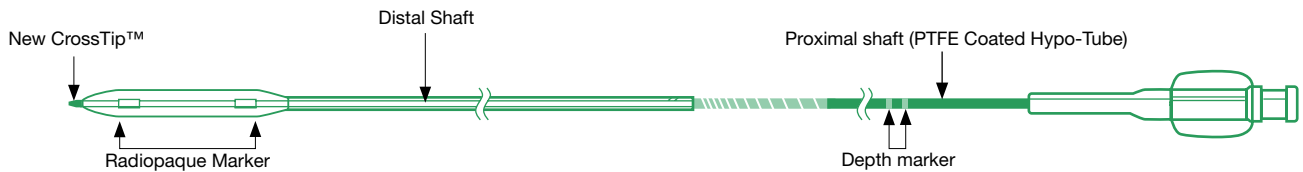
# Ryuji™ Plus

## PTCA Dilatation Catheters



### One balloon for all cases

Ryuji™ plus PTCA dilatation catheter designed for DES treatment is the newest development in Terumo®'s quest for a higher level of catheter performance. While offering superb crossability through CTO and complex lesions, Ryuji™ Plus also delivers outstanding re-crossing performance. With excellent product performance and broad range of sizes, Ryuji™ Plus offers a high degree of reliability which you need for DES cases.



### Specifications

Code number	Balloon diameter	Balloon length	Shaft size. Distal / Proximal	Nominal pressure	Rated burst pressure	Entry profile	RO marker	Balloon wrapping
DC-RH1215EH	1.25 mm	15 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	single	double
DC-RH1515EH	1.50 mm	15 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	single	double
DC-RH1520EH	1.50 mm	20 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	single	double
DC-RH2015EHW	2.00 mm	15 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	double
DC-RH2020EHW	2.00 mm	20 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	double
DC-RH2030EHW	2.00 mm	30 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	double
DC-RH2040EHW	2.00 mm	40 mm	2.4 / 2.0 Fr (0.80 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	double
DC-RH2210EHW	2.25 mm	10 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2215EHW	2.25 mm	15 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2220EHW	2.25 mm	20 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2230EHW	2.25 mm	30 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2240EHW	2.25 mm	40 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2510EHW	2.50 mm	10 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2515EHW	2.50 mm	15 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2520EHW	2.50 mm	20 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2530EHW	2.50 mm	30 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2540EHW	2.50 mm	40 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2710EHW	2.75 mm	10 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2715EHW	2.75 mm	15 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2720EHW	2.75 mm	20 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2730EHW	2.75 mm	30 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH2740EHW	2.75 mm	40 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH3010EHW	3.00 mm	10 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH3015EHW	3.00 mm	15 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH3020EHW	3.00 mm	20 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH3030EHW	3.00 mm	30 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH3040EHW	3.00 mm	40 mm	2.5 / 2.0 Fr (0.84 / 0.67 mm)	6 atm / 608 kPa	14 atm / 1419 kPa	0.42 mm	double	triple
DC-RH3510EHW	3.50 mm	10 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH3515EHW	3.50 mm	15 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH3520EHW	3.50 mm	20 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH3530EHW	3.50 mm	30 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH3540EHW	3.50 mm	40 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH4010EHW	4.00 mm	10 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH4015EHW	4.00 mm	15 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH4020EHW	4.00 mm	20 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH4030EHW	4.00 mm	30 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple
DC-RH4040EHW	4.00 mm	40 mm	2.6 / 2.0 Fr (0.87 / 0.67 mm)	6 atm / 608 kPa	12 atm / 1216 kPa	0.42 mm	double	triple

Unit per box: 1

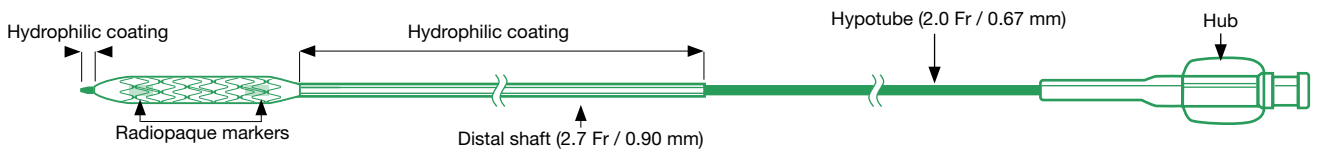
# Tsunami™

## Coronary Stent

**The ideal complement to your drug eluting stent strategy**

**Terumo's Tsunami™ coronary stent system assures smooth, quick delivery and precise placement, even in severely tortuous lesions.**

- **Ultra low crossing profile: 0,034" / 0.85 mm for 2.00 and 2.25 mm systems**
- **Thin strut thickness: 80 µm**



### Specifications

Code number	Stent diameter	Stent length	Crossing profile	Number of cell	Number of units
CS-RA2008EWG	2.00 mm	8 mm	0.034" / 0.85 mm	5	5
CS-RA2010EWG	2.00 mm	10 mm	0.034" / 0.85 mm	5	6
CS-RA2013EWG	2.00 mm	13 mm	0.034" / 0.85 mm	5	8
CS-RA2015EWG	2.00 mm	15 mm	0.034" / 0.85 mm	5	9
CS-RA2208EWG	2.25 mm	8 mm	0.034" / 0.85 mm	5	5
CS-RA2210EWG	2.25 mm	10 mm	0.034" / 0.85 mm	5	6
CS-RA2213EWG	2.25 mm	13 mm	0.034" / 0.85 mm	5	8
CS-RA2215EWG	2.25 mm	15 mm	0.034" / 0.85 mm	5	9
CS-RA2508FWG	2.50 mm	8 mm	0.036" / 0.90 mm	6	5
CS-RA2510FWG	2.50 mm	10 mm	0.036" / 0.90 mm	6	6
CS-RA2513FWG	2.50 mm	13 mm	0.036" / 0.90 mm	6	8
CS-RA2515FWG	2.50 mm	15 mm	0.036" / 0.90 mm	6	9
CS-RA2518FWG	2.50 mm	18 mm	0.036" / 0.90 mm	6	11
CS-RA2520FWG	2.50 mm	20 mm	0.036" / 0.90 mm	6	12
CS-RA2523FWG	2.50 mm	23 mm	0.036" / 0.90 mm	6	14
CS-RA2525FWG	2.50 mm	25 mm	0.036" / 0.90 mm	6	15
CS-RA2530FWG	2.50 mm	30 mm	0.036" / 0.90 mm	6	18
CS-RA3008FWG	3.00 mm	8 mm	0.038" / 0.95 mm	6	5
CS-RA3010FWG	3.00 mm	10 mm	0.038" / 0.95 mm	6	6
CS-RA3013FWG	3.00 mm	13 mm	0.038" / 0.95 mm	6	8
CS-RA3015FWG	3.00 mm	15 mm	0.038" / 0.95 mm	6	9
CS-RA3018FWG	3.00 mm	18 mm	0.038" / 0.95 mm	6	11
CS-RA3020FWG	3.00 mm	20 mm	0.038" / 0.95 mm	6	12
CS-RA3023FWG	3.00 mm	23 mm	0.038" / 0.95 mm	6	14
CS-RA3025FWG	3.00 mm	25 mm	0.038" / 0.95 mm	6	15
CS-RA3030FWG	3.00 mm	30 mm	0.038" / 0.95 mm	6	18
CS-RA3508GWW	3.50 mm	8 mm	0.040" / 1.00 mm	7	5
CS-RA3510GWW	3.50 mm	10 mm	0.040" / 1.00 mm	7	6
CS-RA3513GWW	3.50 mm	13 mm	0.040" / 1.00 mm	7	8
CS-RA3515GWW	3.50 mm	15 mm	0.040" / 1.00 mm	7	9
CS-RA3518GWW	3.50 mm	18 mm	0.040" / 1.00 mm	7	11
CS-RA3520GWW	3.50 mm	20 mm	0.040" / 1.00 mm	7	12
CS-RA3523GWW	3.50 mm	23 mm	0.040" / 1.00 mm	7	14
CS-RA3525GWW	3.50 mm	25 mm	0.040" / 1.00 mm	7	15
CS-RA3530GWW	3.50 mm	30 mm	0.040" / 1.00 mm	7	18
CS-RA4008GWW	4.00 mm	8 mm	0.042" / 1.05 mm	7	5
CS-RA4010GWW	4.00 mm	10 mm	0.042" / 1.05 mm	7	6
CS-RA4013GWW	4.00 mm	13 mm	0.042" / 1.05 mm	7	8
CS-RA4015GWW	4.00 mm	15 mm	0.042" / 1.05 mm	7	9
CS-RA4018GWW	4.00 mm	18 mm	0.042" / 1.05 mm	7	11
CS-RA4020GWW	4.00 mm	20 mm	0.042" / 1.05 mm	7	12

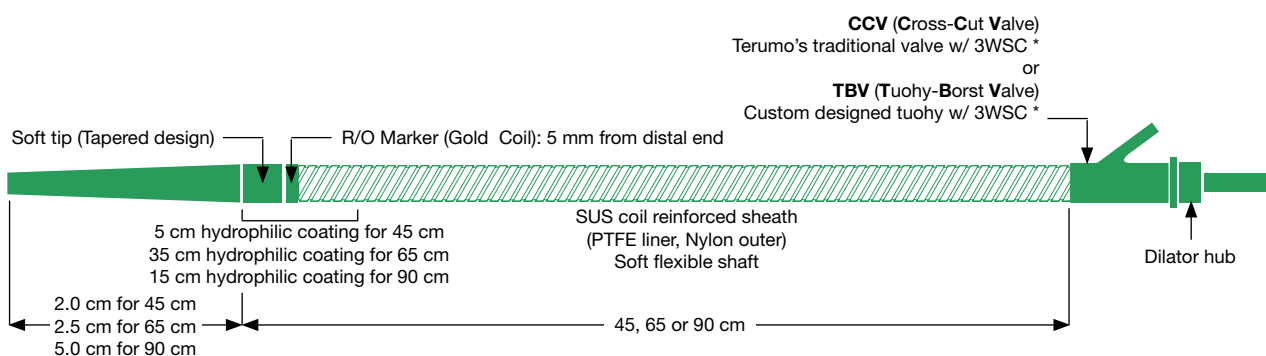
Distal shaft = 2.7 Fr / 0.90 mm ; Proximal shaft = 2.0 Fr / 0.67 mm  
 Minimum inner diameter of guiding catheter : 0,056" / 1.42 mm  
 Usable length of catheter = 145 cm  
 Nominal pressure = 10 atm / 1013 kPa ; Rated burst pressure = 14 atm / 1419 kPa

**Unit per box: 1**



## Guiding sheaths

- **Soft atraumatic tip**
- **Smooth transitions**
- **Gold coil marker**
- **Distal hydrophilic coating**
- **Coil reinforced flexible tubing with PTFE inner liner**



## Specifications

Code number	French	Length	Shape	Valve	Inner diameter	Outer diameter
RSR01	6 Fr	45 cm	Straight	CCV **	0.087" / 2,20 mm	0.109" / 2,77 mm
RSR02	6 Fr	45 cm	Hockey stick	CCV **	0.087" / 2,20 mm	0.109" / 2,77 mm
RSR03	6 Fr	45 cm	Multipurpose	CCV **	0.087" / 2,20 mm	0.109" / 2,77 mm
RSR13	6 Fr	45 cm	RDC	CCV **	0.087" / 2,20 mm	0.109" / 2,77 mm
RSR14	6 Fr	45 cm	LIMA	CCV **	0.087" / 2,20 mm	0.109" / 2,77 mm
RSR04	7 Fr	45 cm	Straight	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSR05	7 Fr	45 cm	Hockey stick	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSR06	7 Fr	45 cm	Multipurpose	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSR15	7 Fr	45 cm	RDC	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSR16	7 Fr	45 cm	LIMA	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSP01	6 Fr	65 cm	Straight	CCV **	0.087" / 2,20 mm	0.111" / 2,82 mm
RSP02	7 Fr	65 cm	Straight	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSC01	6 Fr	90 cm	Straight	TBV ***	0.087" / 2,20 mm	0.111" / 2,82 mm
RSC03	6 Fr	90 cm	Multipurpose	TBV ***	0.087" / 2,20 mm	0.111" / 2,82 mm
RSC05	6 Fr	90 cm	Straight	CCV **	0.087" / 2,20 mm	0.111" / 2,82 mm
RSC07	6 Fr	90 cm	Multipurpose	CCV **	0.087" / 2,20 mm	0.111" / 2,82 mm
RSC02	7 Fr	90 cm	Straight	TBV ***	0.100" / 2,54 mm	0.122" / 3,10 mm
RSC04	7 Fr	90 cm	Multipurpose	TBV ***	0.100" / 2,54 mm	0.122" / 3,10 mm
RSC06	7 Fr	90 cm	Straight	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm
RSC08	7 Fr	90 cm	Multipurpose	CCV **	0.100" / 2,54 mm	0.122" / 3,10 mm

All dilators are -0.038" / 0.97 mm wire compatible

**Unit per box: 1**

\* w/3WSC: with 3-way Stopcock

\*\*CCV: Cross-Cut Valve (Terumo's standard sheath valve)

\*\*\*TBV: Tuohy-Borst Valve (Y-Shape rotating valve)