

Shape Memory Medical Device	Expanded Plug Diameter (mm)	Plug Length (mm)	Crimped Plug OD (in)	Marker Band OD (in)
IMP-10 IMP-FX-12	12	15	0.062	0.065
	IMPEDE Recommended Vessel Range (mm)	Min GW OD (in)	Min Catheter ID (in)	Min Catheter ID (mm)
	6-10	0.035	0.070	1.78
Catheter Compatibility				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
6 Fr				
Asahi Intecc	Asahi Fubuki	6	0.071	1.80
	Asahi Sheathless Eaucath	6.5	0.070	1.78
Boston Scientific	Mach1 Peripheral Guide Catheter	6	0.070	1.78
	Convey Guide Catheter	6	0.071	1.80
	Runway Guide Catheter	6	0.070	1.78
Codman Neuro (Johnson & Johnson)	Envoy DA Guiding Catheter	6	0.071	1.80
	Envoy DA XB Guiding Catheter	6	0.071	1.80
	Envoy Guiding Catheter	6	0.070	1.78
	Envoy XB Guiding Catheter	6	0.070	1.78
Cordis (Cardinal Health)	Vista Brite Tip Guiding Catheter	6	0.070	1.78
	Adroit Guiding Catheter	6	0.072	1.83
Medtronic	Launcher	6	0.071	1.80
	Navien Intracranial Support Catheter	6	0.072	1.83
	Sherpa NX Balanced	6	0.070	1.78
	Z2	6	0.070	1.78
Medikit	ParentPlus 45	6.5	0.075	1.91
Merit Medical Systems, Inc.	Concierge	6	0.070	1.78
Penumbra, Inc. (Neurovascular)	Benchmark 071 Kit	6	0.071	1.80
	Neuron 070	6	0.070	1.78
PendraCare	Primm MPA	6	0.071	1.80
Stryker	DAC 070	6.3	0.070	1.78
Terumo Interventional Systems	Heartrail II Multipurpose Guiding Catheter	6	0.071	1.80
	Heartrail III Coronary Guiding Catheter	6	0.071	1.80

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Catheter Compatibility (continued)				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
7 Fr and 8 Fr				
Abbott Vascular	Veripath Peripheral Guiding Catheter	7	0.078	1.98
	Veripath Peripheral Guiding Catheter	8	0.088	2.24
ArtVentive Medical Group, Inc.	EOS Guiding Catheter	7.5	0.082	2.08
Asahi Intecc	Asahi Fubuki	7	0.081	2.06
		8	0.090	2.29
	Asahi Sheathless Eaucath	7.5	0.081	2.06
Boston Scientific	Mach1 Peripheral Guide Catheter	7	0.081	2.06
Codman Neuro (Johnson & Johnson)	Envoy Guiding Catheter	7	0.078	1.98
Cordis (Cardinal Health)	Vista Brite Tip Guiding Catheter	7	0.078	1.98
		8	0.088	2.24
Medtronic	Launcher	7	0.081	2.06
		8	0.090	2.29
	Sherpa NX Balanced	7	0.080	2.03
		8	0.088	2.24
	Z2	7	0.081	2.06
Zuma	7	0.081	2.06	
Merit Medical Systems, Inc.	Concierge	7	0.078	1.98
		8	0.088	2.24
Mivi Neuroscience Inc.	Super 90 Guide Catheter	8	0.090	2.29
Penumbra, Inc. (Neurovascular)	NeuronMAX 088	8	0.088	2.24
Stryker	AXS Infinity LS	8	0.088	2.24
	FlowGate 2 Balloon Guide Cath	8	0.084	2.13
	Guider Softip XF Guide Cath	7	0.073	1.85
		8	0.086	2.18

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	6-10	0.035	0.070	1.78
Sheath Compatibility				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
4 Fr				
Asahi Intecc	Fubuki Dilator	4	0.071	1.80
5 Fr				
Asahi Intecc	Fubuki Dilator	5	0.081	2.06
Bard	Halo One Thin-Walled Guiding Sheath	5	0.074	1.87
Biotronik	Fortress	5	0.077	1.95
Contract Medical	DuraSheath	5	0.075	1.92
Cook Medical	Flexor Ansel	5	0.074	1.90
	Flexor Balkin	5.5	0.083	2.10
	Flexor Raabe	5	0.074	1.90
	Flexor	5	0.074	1.90
	Flexor Shuttle	5	0.074	1.90
Optimed	Epsylar	5	0.075	1.90
Terumo Interventional Systems	Destination	5	0.075	1.90
	Pinnacle Destination	5	0.075	1.90
Surmodics	Sublime Radial Access	5	0.076	1.90
6 Fr				
Asahi Intecc	Fubuki Dilator	6	0.090	2.29
	Sheathless PV	6	0.090	2.29
Biotronik	Fortress	6	0.090	2.28
Contract Medical	DuraSheath	6	0.088	2.25
Cook Medical	Flexor Ansel	6	0.087	2.20
	Flexor Balkin	6	0.087	2.20
	Flexor Raabe	6	0.087	2.20
	Flexor	6	0.087	2.20
	Flexor Shuttle	6	0.087	2.20

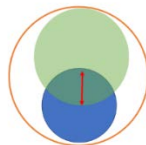
	Performer	6	0.079	2.00
Medikit	Parent Cross	6	0.087	2.21
Oscor	Destino Twist	6.5	0.087	2.20

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	6-10	0.035	0.070	1.78
Sheath Compatibility (continued)				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
Cordis	Brite tip sheath	6	0.089	2.26
Optimed	Epsylar	6	0.087	2.20
Stryker	AXS Infinity LS	6	0.088	2.24
Terumo Interventional Systems	Destination	6	0.087	2.20
	Pinnacle Destination	6	0.087	2.20
	Destination Slender	6	0.087	2.20

Important Comments:

IMPEDE compatibility with the listed accessory devices are based on the comparison of the IMPEDE minimum catheter ID requirement as stated in the IMPEDE Instructions for Use and the respective accessory device specifications stated in the manufacturer’s product label or verified by measurement. These catheters generally range from .070” to .090” ID. This list is not exhaustive. If using an accessory device that is not listed in the Table above, select guidewire and catheter that allows sufficient interference with the device when deploying. Refer to the diagram below which demonstrates this point.

ORANGE – Catheter
 BLUE – IMPEDE Proximal Surface
 GREEN – Guidewire



The RED Line is the Interaction when the device is placed in the catheter.

Needle Inner Diameters	
OD (gauge)	ID (in)
10	0.106
11	0.094
12	0.085
13	0.071
14	0.063
15	0.054
16	0.047
17	0.042
18	0.033