

Shape Memory Medical Device	Expanded Plug Diameter (mm)	Plug Length (mm)	Crimped Plug OD (in)	Marker Band OD (in)
IMP-07 IMP-FX-08	8	10	0.043	0.046
	IMPEDE Recommended Vessel Range (mm)	Min GW OD (in)	Min Catheter ID (in)	Min Catheter ID (mm)
	4-7	0.035	0.055	1.40
Catheter Compatibility				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
5 Fr				
Boston Scientific	Convey Guide Catheter	5	0.058	1.47
	Impulse IM/MP/Radial/Brachial Curves	5	0.056	1.42
Codman Neuro (Johnson & Johnson)	Envoy Guiding Catheter	5	0.056	1.42
Cordis (Cardinal Health)	Adroit Guiding Catheter	5	0.058	1.47
Medtronic	Sherpa NX Active	5	0.058	1.47
	Navien Intracranial Support Catheter	5	0.058	1.47
	Launcher	5	0.058	1.47
Merit Medical Systems, Inc.	Concierge	5	0.057	1.45
Terumo Interventional Systems	Hertrail III Coronary Guiding Catheter	5	0.058	1.47
6 Fr & Others				
Abbott Vascular	Veripath Peripheral Guiding Catheter	6	0.068	1.73
ArtVentive Medical Group, Inc.	EOS Guiding Catheter	6	0.067	1.70
Asahi Intecc	Asahi Fubuki	6	0.071	1.80
	Asahi Sheathless Evacuate	6.5	0.070	1.78
BD Interventional	Sidekick (non-tapered)	7	0.067	1.70
BioCardia, Inc.	Morph Deflectable Tip Guide Catheter	8	0.068	1.73
Boston Scientific	Mach1 Peripheral Guide Catheter	6	0.070	1.78
Codman Neuro (Johnson & Johnson)	Envoy Guiding Cath/Envoy XB	6	0.070	1.78
	Envoy DA Guiding Catheter	6	0.071	1.80
	Envoy DA XB Guiding Catheter	6	0.071	1.80
Cordis (Cardinal Health)	Vista Brite Tip Guiding Catheter	6	0.070	1.78
Merit Medical Systems, Inc.	Concierge	6	0.070	1.78

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Catheter Compatibility (continued)				
Manufacturer	Product Name	Size (Fr)	ID (in)	ID (mm)
Medtronic	Arc Intracranial Support Catheter	6	0.069	1.75
	Launcher	6	0.071	1.80
	Pro-Flo	7	0.061	1.55
	Sherpa NX Balanced	6	0.070	1.78
	SiteSeer	6	0.055	1.40
	Z2	6	0.070	1.78
	Zuma	6	0.068	1.73
Terumo Interventional Systems	Hertrail III Coronary Guiding Catheter	6	0.071	1.80
Penumbra, Inc. (Neurovascular)	Benchmark 071 Kit	6	0.071	1.80
	Neuron 070	6	0.070	1.78
Stryker	DAC 070	6.3	0.070	1.78
	AXS Catalyst 5	5.6	0.058	1.47
	AXS Catalyst 6	6	0.060	1.52
	Guider Softip XF Guide Cath	6	0.064	1.63
Sheath Compatibility				
4 Fr				
Asahi Intecc	Fubuki Dilator	4	0.071	1.80
Biotronik	Fortress	4	0.064	1.63
Contract Medical	DuraSheath	4	0.063	1.60
Cook Medical	Flexor Ansel	4	0.059	1.50
	Flexor Raabe	4	0.059	1.50
	Flexor Shuttle	4	0.059	1.50
Optimed	Epsylar	4	0.059	1.50

5 Fr				
Cook Medical	Performer	5	0.067	1.70

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

Important Comments:

NOTE: Beware that catheters (diagnostic, guide, or exchange) and sheaths may taper.-Check if the device has a tapered tip and what the Inner Diameter (ID) of that tapered tip is. The tapered tip ID could be too small for your device to deliver through, even if the stated ID seems compatible.

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 .055” to .071” 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.

