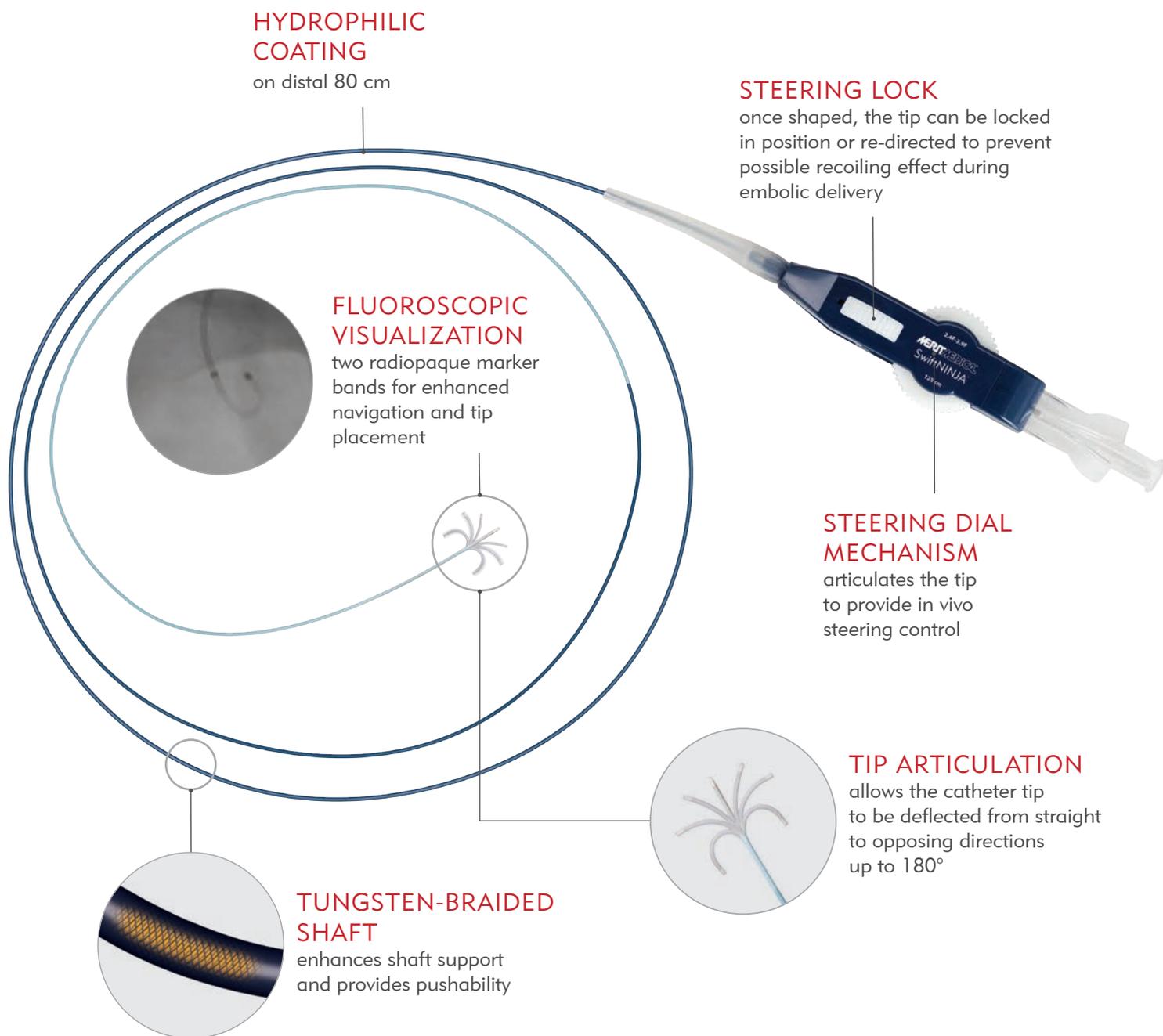


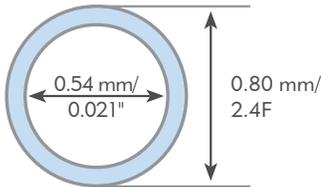
SwiftNINJA®

Steerable Microcatheter

The SwiftNINJA® is the most advanced and only 180° articulating microcatheter on the market today. A straight tip catheter that articulates in opposing directions, it allows you to rapidly select vessels without the use of a guide wire.



Distal Tip Cross Section



Close-up of Steerable Tip



CATHETER COMPATIBILITY

Size	Maximum Microsphere Size	Maximum Particle Size	Maximum Coil Size	Maximum Injection Pressure
2.9F-2.4F	≤ 700 μm	≤ 710 μm	≤ 0.018" (46 mm)	1,000 psi (6,900 kPa)
2.6F-2.4F	≤ 700 μm	≤ 710 μm	≤ 0.018" (46 mm)	1,000 psi (6,900 kPa)



"The frequent insertion and removal of guide wires during superselective catheterization can be minimized by using a microcatheter with an articulating tip. Using a SwiftNINJA can potentially simplify and shorten the procedure."

— Yasuaki Arai, MD, PhD

Chief, Department of Diagnostic Radiology, National Cancer Center of Japan

Catheter Preparation for Use

To activate the hydrophilic coating: Flush the catheter with heparinized saline via the standard luer BEFORE removal from the protective catheter sleeve.

To unlock steering dial (white wheel): Hold the lower housing body and gently pull the steering dial toward the luer connector until a clicking sound is heard.



Prior to attempting catheter tip movement or deflection, you must engage the steering dial.