

# Engage™ & Engage™ TR

## Introducers

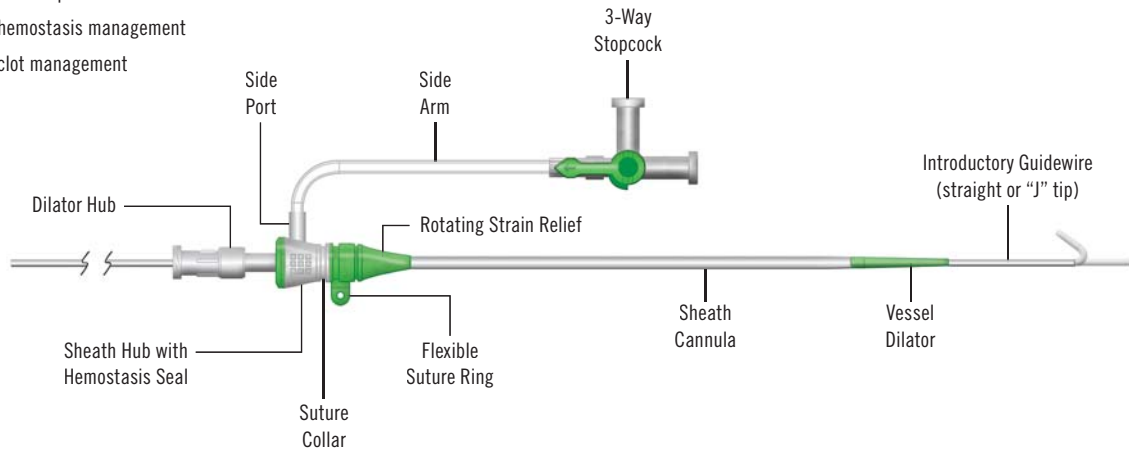
**Indications for Use:** The Engage family of introducers is indicated for the introduction of angiographic catheters, closed end catheters, balloon catheters, and electrodes into a blood vessel (including but not limited to femoral, radial, and brachial access) where minimizing blood loss is essential.

### PRODUCT BENEFITS

- The Engage family of introducers are designed to deliver:
  - Consistent, dependable and easy access for diagnostic and interventional procedures
  - Minimal torque forces during device manipulation
  - Smooth insertion performance
  - Excellent hemostasis management
  - Excellent clot management

### GENERAL PRODUCT INFORMATION

- Sterilized by ethylene oxide
- Single use, one-year shelf life; do not re-sterilize
- Store in a cool, dark, dry place



#### Engage TR Introducer (Radial)

##### General Specifications and Materials List

French Sizes (F)	4–6 ACT
Guidewire Diameters (in / mm)	0.025 / 0.635
Sheath Lengths (cm)	7, 12, 25
Curve Type	Straight
Guidewire	Single distal stainless steel straight floppy guidewire (packaged with standard stainless steel needle) – 50 cm (with 7 or 12 cm sheath) – 80 cm (with 25 cm sheath) Single distal PTFE-coated stainless steel straight floppy guidewire (packaged with stainless steel needle with Polyethylene cannula) – 50 cm (with 7 or 12 cm sheath) – 80 cm (with 25 cm sheath)
Standard Needle	3.8 cm, 20 ga.—Stainless steel thin wall
Cannula Needle	3.2 cm, 20 ga. Cannula—Polyethylene
Shaft Material	Polyethylene
Hydrophilic Coating	Yes
Sheath Hub	ABS
Hemostasis Seal	Medical Grade Silicone Rubber
Side Arm Tube	Thermoplastic Blend
Dilator	Polyethylene
Dilator Hub	Polyethylene
Stopcock	Thermoplastic Blend

#### Engage Introducer (Femoral)

##### General Specifications and Materials List

French Sizes (F)	4–9 ACT
Guidewire Diameters (in / mm)	0.035 / 0.889, 0.038 / .0965
Sheath Lengths (cm)	12, 25
Curve Type	Straight
Guidewire	Double distal stainless steel guidewire with “J” and straight end – 50 cm (with 12 cm sheath) – 80 cm (with 25 cm sheath)
Shaft Material	Polyethylene
Sheath Hub	ABS
Hemostasis Seal	Medical Grade Silicone Rubber
Side Arm Tube	Thermoplastic Blend
Dilator	Polyethylene
Dilator Hub	Polyethylene
Stopcock	Thermoplastic Blend



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## PRODUCT ORDERING INFORMATION

### Engage TR Introducer (Radial)

Reorder Number	French Size (ACT)	Wire/Needle Configuration	Sheath Length	Guidewire Diameter (in / mm)
C408522	4 F	SS/standard	7 cm	0.025 / 0.635
C408523	5 F	SS/standard	7 cm	0.025 / 0.635
C408524	6 F	SS/standard	7 cm	0.025 / 0.635
C408525	4 F	SS/standard	12 cm	0.025 / 0.635
C408526	5 F	SS/standard	12 cm	0.025 / 0.635
C408527	6 F	SS/standard	12 cm	0.025 / 0.635
C408528	4 F	SS/standard	25 cm	0.025 / 0.635
C408529	5 F	SS/standard	25 cm	0.025 / 0.635
C408530	6 F	SS/standard	25 cm	0.025 / 0.635

C408531	4 F	Coated/cannula	7 cm	0.025 / 0.635
C408532	5 F	Coated/cannula	7 cm	0.025 / 0.635
C408533	6 F	Coated/cannula	7 cm	0.025 / 0.635
C408534	4 F	Coated/cannula	12 cm	0.025 / 0.635
C408535	5 F	Coated/cannula	12 cm	0.025 / 0.635
C408536	6 F	Coated/cannula	12 cm	0.025 / 0.635
C408537	4 F	Coated/cannula	25 cm	0.025 / 0.635
C408538	5 F	Coated/cannula	25 cm	0.025 / 0.635
C408539	6 F	Coated/cannula	25 cm	0.025 / 0.635

### Engage Introducer (Femoral)

Reorder Number	French Size (ACT)	Sheath Length	Guidewire Diameter (in / mm)
C408500	4 F	12 cm	0.035 / 0.889
C408501	5 F	12 cm	0.035 / 0.889
C408502	6 F	12 cm	0.035 / 0.889
C408503	7 F	12 cm	0.035 / 0.889
C408504	8 F	12 cm	0.035 / 0.889
C408505	9 F	12 cm	0.035 / 0.889
C408511	4 F	25 cm	0.035 / 0.889
C408512	5 F	25 cm	0.035 / 0.889
C408513	6 F	25 cm	0.035 / 0.889
C408514	7 F	25 cm	0.035 / 0.889
C408515	8 F	25 cm	0.035 / 0.889
C408516	9 F	25 cm	0.035 / 0.889

C408506	5 F	12 cm	0.038 / 0.965
C408507	6 F	12 cm	0.038 / 0.965
C408508	7 F	12 cm	0.038 / 0.965
C408509	8 F	12 cm	0.038 / 0.965
C408510	9 F	12 cm	0.038 / 0.965
C408517	5 F	25 cm	0.038 / 0.965
C408518	6 F	25 cm	0.038 / 0.965
C408519	7 F	25 cm	0.038 / 0.965
C408520	8 F	25 cm	0.038 / 0.965
C408521	9 F	25 cm	0.038 / 0.965

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