

## Specifications

### Stent Technical Specifications

<b>Material</b>	<b>316L stainless steel</b>
<b>Design</b>	<b>Laser-cut</b>
<b>PTFE Porosity</b>	<b>Controlled porosity 100-120 microns</b>

### Balloon Catheter Specifications

<b>Delivery System</b>	<b>Premounted on balloon catheter</b>
<b>Balloon Type</b>	<b>Non-compliant</b>
<b>Balloon Material</b>	<b>Proprietary PET blend</b>
<b>Balloon Nominal Pressure</b>	<b>8 ATM</b>
<b>Rated Burst Pressure</b>	<b>12 ATM</b>
<b>Markers</b>	<b>Gold, embedded at ends of balloon</b>

### Sizes & Dimensions

<b>Stent Expansion Range</b>	<b>5 mm, 6 mm, 7 mm, 8 mm, 9 mm, and 10 mm (ability to post-dilate to 12 mm*)</b>
<b>Stent Lengths</b>	<b>16 mm, 22 mm, 38 mm and 59 mm</b>
<b>Balloon Lengths**</b>	<b>18.9 mm, 24.4 mm, 40.6 mm and 62.2 mm</b>
<b>Guidewire</b>	<b>.035"</b>
<b>Catheter Shaft Size</b>	<b>5FR</b>
<b>Catheter Shaft Length</b>	<b>80 and 120 cm</b>
<b>Introducer Sheath</b>	<b>6FR and 7FR</b>

### Others

<b>Shelf Life</b>	<b>3 years</b>
<b>Sterilization Method</b>	<b>Ethylene oxide</b>
<b>Use</b>	<b>Single use only</b>
<b>Indications for Use</b>	<b>For restoring and improving the patency of the iliac and renal arteries</b>

\*38 mm & 59 mm lengths only

\*\*Balloon length for 5 mm x 59 mm stent is 63.5 mm

**Expanded Balloon Outer Diameter Reference Table**

	ATM	5.00 mm	6.00 mm	7.00 mm	8.00 mm	9.00 mm	10.00 mm
<b>Nominal Pressure</b> →	5	5.0	6.0	7.0	8.0	9.0	9.8
	6	5.0	6.1	7.1	8.0	9.1	9.8
	7	5.0	6.1	7.1	8.1	9.1	9.9
	8	5.1	6.1	7.1	8.1	9.1	10.0
	9	5.1	6.1	7.2	8.1	9.2	10.1
	10	5.1	6.2	7.2	8.2	9.3	10.2
	11	5.2	6.2	7.2	8.2	9.3	10.2
<b>Rated Burst Pressure</b> →	12	5.2	6.2	7.3	8.3	9.3	10.3

# Advant

**Vascular**  
**V12**  
 covered stent

Stent	Post Nominal Pressure 8 ATM (811 kPa) (mm)		Post Rated Burst Pressure 12 ATM (1216 kPa) (mm)	
	Avg. OD	Avg. Length	Avg. OD	Avg. Length
5 x 16 mm	4.8	15.9	5.2	15.9
5 x 22 mm	4.8	21.3	5.2	20.9
5 x 38 mm	5.1	37.9	5.3	37.7
5 x 59 mm	5.1	60.1	5.3	60.0
6 x 16 mm	5.7	15.7	6.2	15.3
6 x 22 mm	5.8	20.8	6.2	20.4
6 x 38 mm	6.0	37.3	6.3	37.0
6 x 59 mm	6.0	59.0	6.3	58.7
7 x 16 mm	6.6	15.0	7.2	14.7
7 x 22 mm	6.7	19.8	7.1	19.6
7 x 38 mm	6.9	36.2	7.3	35.7
7 x 59 mm	7.0	57.6	7.3	57.5
8 x 38 mm	8.1	35.3	8.5	34.7
8 x 59 mm	8.0	56.9	8.4	56.5
9 x 38 mm	8.9	32.7	9.3	32.7
9 x 59 mm	8.9	54.1	9.3	54.0
10 x 38 mm	10.0	30.8	10.4	30.9
10 x 59 mm	9.8	51.8	10.2	51.9

Code	Diameter	Stent Length (Crimped)	Balloon Length	Introducer Size	Useable Catheter Length
85340	5 mm	16 mm	18.9 mm	6FR	80 cm
85341	5 mm	22 mm	24.4 mm	6FR	80 cm
85320	5 mm	38 mm	40.6 mm	7FR	80 cm
85321	5 mm	59 mm	62.2 mm	7FR	80 cm
85342	6 mm	16 mm	18.9 mm	6FR	80 cm
85343	6 mm	22 mm	24.4 mm	6FR	80 cm
85322	6 mm	38 mm	40.6 mm	7FR	80 cm
85323	6 mm	59 mm	62.2 mm	7FR	80 cm
85344	7 mm	16 mm	18.9 mm	7FR	80 cm
85345	7 mm	22 mm	24.4 mm	7FR	80 cm
85324	7 mm	38 mm	40.6 mm	7FR	80 cm
85325	7 mm	59 mm	62.2 mm	7FR	80 cm
85326	8 mm	38 mm	40.6 mm	7FR	80 cm
85327	8 mm	59 mm	62.2 mm	7FR	80 cm
85328	9 mm	38 mm	40.6 mm	7FR	80 cm
85329	9 mm	59 mm	62.2 mm	7FR	80 cm
85360	10 mm	38 mm	40.6 mm	7FR	80 cm
85361	10 mm	59 mm	62.2 mm	7FR	80 cm
85350	5 mm	16 mm	18.9 mm	6FR	120 cm
85351	5 mm	22 mm	24.4 mm	6FR	120 cm
85330	5 mm	38 mm	40.6 mm	7FR	120 cm
85331	5 mm	59 mm	62.2 mm	7FR	120 cm
85352	6 mm	16 mm	18.9 mm	6FR	120 cm
85353	6 mm	22 mm	24.4 mm	6FR	120 cm
85332	6 mm	38 mm	40.6 mm	7FR	120 cm
85333	6 mm	59 mm	62.2 mm	7FR	120 cm
85354	7 mm	16 mm	18.9 mm	7FR	120 cm
85355	7 mm	22 mm	24.4 mm	7FR	120 cm
85334	7 mm	38 mm	40.6 mm	7FR	120 cm
85335	7 mm	59 mm	62.2 mm	7FR	120 cm
85336	8 mm	38 mm	40.6 mm	7FR	120 cm
85337	8 mm	59 mm	62.2 mm	7FR	120 cm
85338	9 mm	38 mm	40.6 mm	7FR	120 cm
85339	9 mm	59 mm	62.2 mm	7FR	120 cm
85364	10 mm	38 mm	40.6 mm	7FR	120 cm
85365	10 mm	59 mm	62.2 mm	7FR	120 cm

