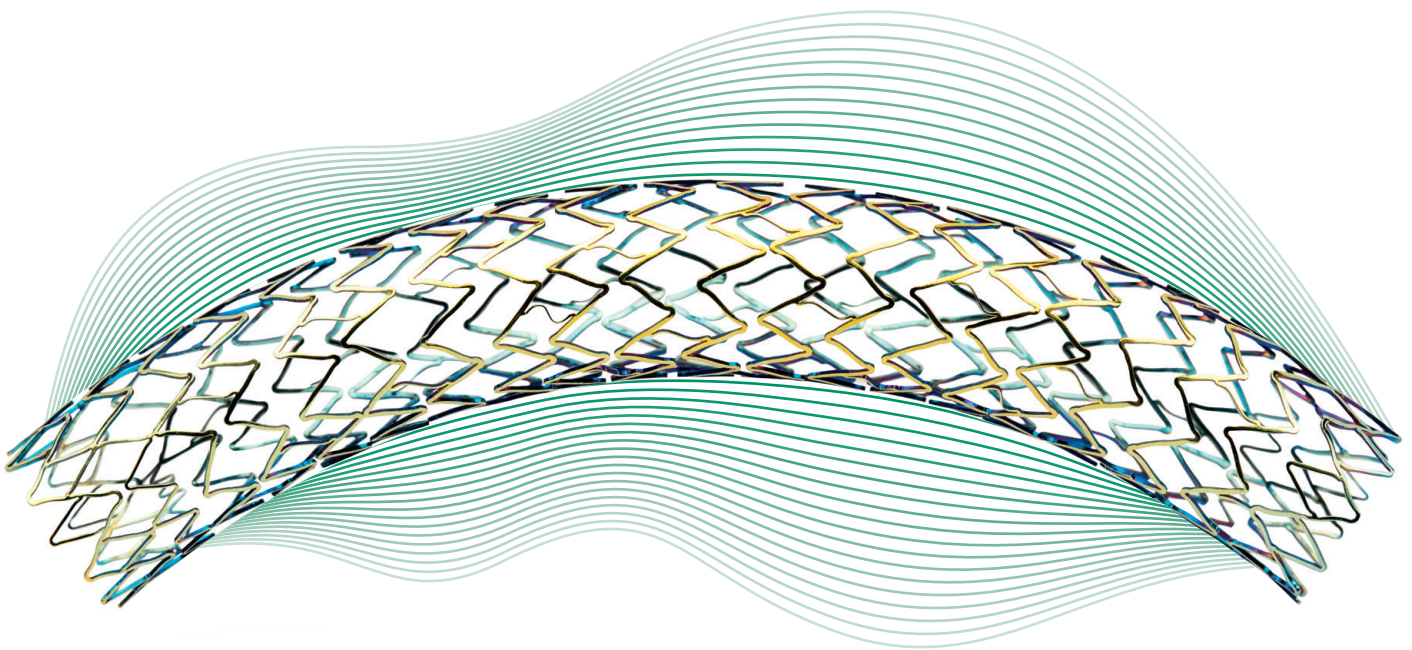


Vascular Intervention // **Peripheral**
Balloon-Expandable Stent System/0.035"/OTW

Dynamic



Excellent trackability



Stent designed for flexibility in
iliac arteries



Improved stent surface
biocompatibility



BIOTRONIK
excellence for life

Dynamic

Excellent trackability, stent designed for flexibility and improved stent surface biocompatibility

Excellent trackability

The Dynamic delivery system offers great trackability compared to competitive balloon expandable devices.¹



Stent designed for flexibility in iliac arteries

The helical stent design provides optimal flexibility respecting vessel movement.

Peak-to-Valley design avoiding any fish-scaling effects and optimizing stent scaffolding.



Smooth tapered tip

Dynamic has a colored tip for better visibility allowing easy guide wire insertion. The smooth tapered tip design facilitates trackability in tortuous anatomy.

Improved stent surface biocompatibility²

The **proBIO** silicon carbide coating acts as a barrier between the metal stent and the surrounding tissue and blood, protecting the surface of the stent.

By providing a barrier against ion release, the coating creates a surface that reduces platelet aggregation while facilitating endothelialization.²



Dynamic

Vascular
Intervention
Peripheral



Indicated for the treatment of de novo or restenotic atherosclerotic lesions in iliac arteries.³

Technical Data		Stent
Stent		Balloon-expandable
Stent material		Stainless Steel
Strut thickness		160 µm (ø 5.0 - 8.0 mm) 180 µm (ø 9.0 - 10.0 mm)
Shortening		Negligible
Stent coating		proBIO (Amorphous Silicon Carbide)
Sizes		ø 5.0 - 10.0 mm; L: 15 - 25 - 38 - 56 mm
		Delivery system
Catheter type		OTW
Recommended guide wire		0.035"
Tip		Soft, short, tapered, colored
Balloon markers		2 swaged markers
Shaft		5F, hydrophobic coating, dual-lumen
Usable length		80 cm and 130 cm (ø 5.0 - 8.0 mm)
Markers		2 swaged markers
Guide wire lumen		Hydrophobic coating
Nominal Pressure (NP)		9 atm
Rated Burst Pressure (RBP)		15 atm (ø 5.0 - 8.0 mm) 13 atm (ø 9.0 - 10.0 mm)

Ordering Information	Stent ø (mm)	Catheter length 80 cm Stent length (mm)				Catheter length 130 cm Stent length (mm)			
		15	25	38	56	15	25	38	56
5F	5.0	350110	350114	350120	350126	350132	350136	350140	350144
	6.0	350111	350115	350121	350127	350133	350137	350141	350145
6F	7.0	350112	350116	350122	350128	350134	350138	350142	350146
	8.0	350113	350117	350123	350129	350135	350139	350143	350147
7F	9.0	-	350118	350124	350130	-	-	-	-
	10.0	-	350119	350125	350131	-	-	-	-

1. BIOTRONIK data on file. 2. Rzany A, Schaldach M. Smart Material Silicon Carbide: Reduced Activation of Cells and Proteins on a-SiC:H-coated Stainless Steel. Progress in Biomedical Research 2001; May: 182- 194. 3. Australia: not TGA approved for use within common iliac arteries.