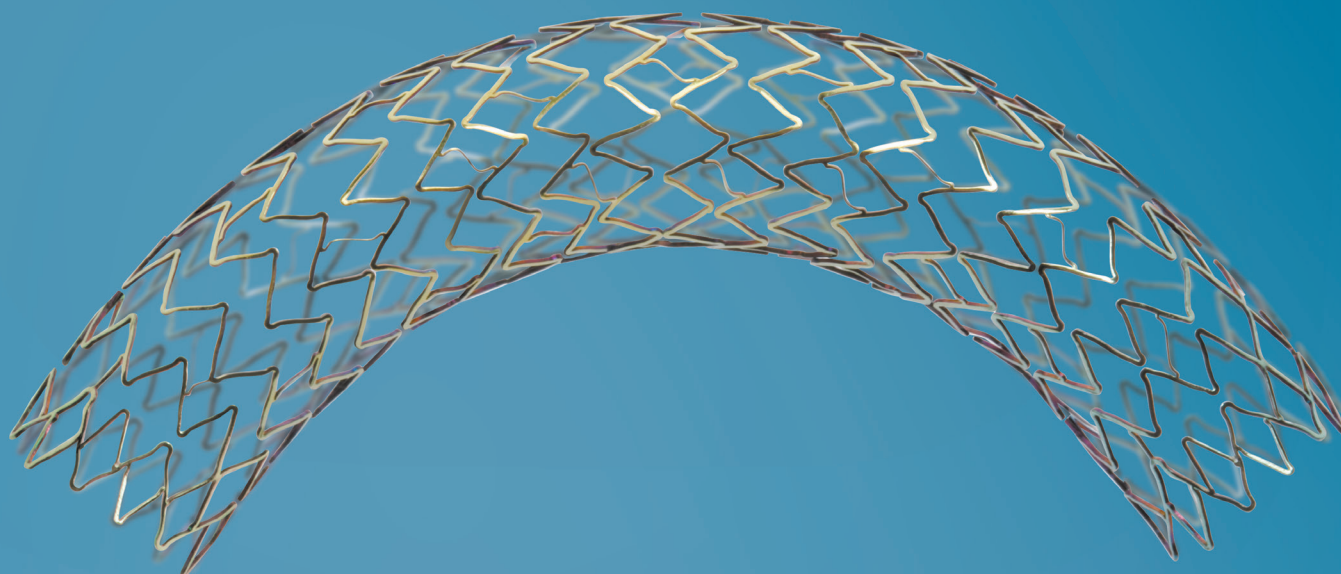


Dynamic

Balloon Expandable Stent/0.035"/OTW

Indicated for iliac arteries¹



- Helical stent design for optimal stent flexibility
- Trusted delivery system for state of the art trackability
- Improved stent surface biocompatibility²

¹ Australia: not TGA approved for use within common iliac arteries

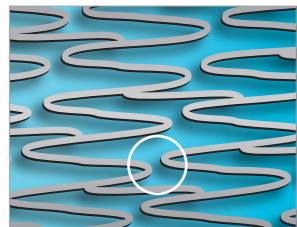
² Rzany A, Schaldach M. Smart Material Silicon Carbide: Reduced Activation of Cells and Proteins on a-SiC:H-coated Stainless Steel. Progress in Biomedical Research 2001; May: 182-194.

Dynamic Balloon Expandable Stent

The Dynamic balloon expandable stent system is designed to treat most iliac arterial disease through a 6F introducer sheath³. The **proBIO** coated Dynamic stent features state of the art trackability and stent flexibility.

Flexible stent design for iliac artery

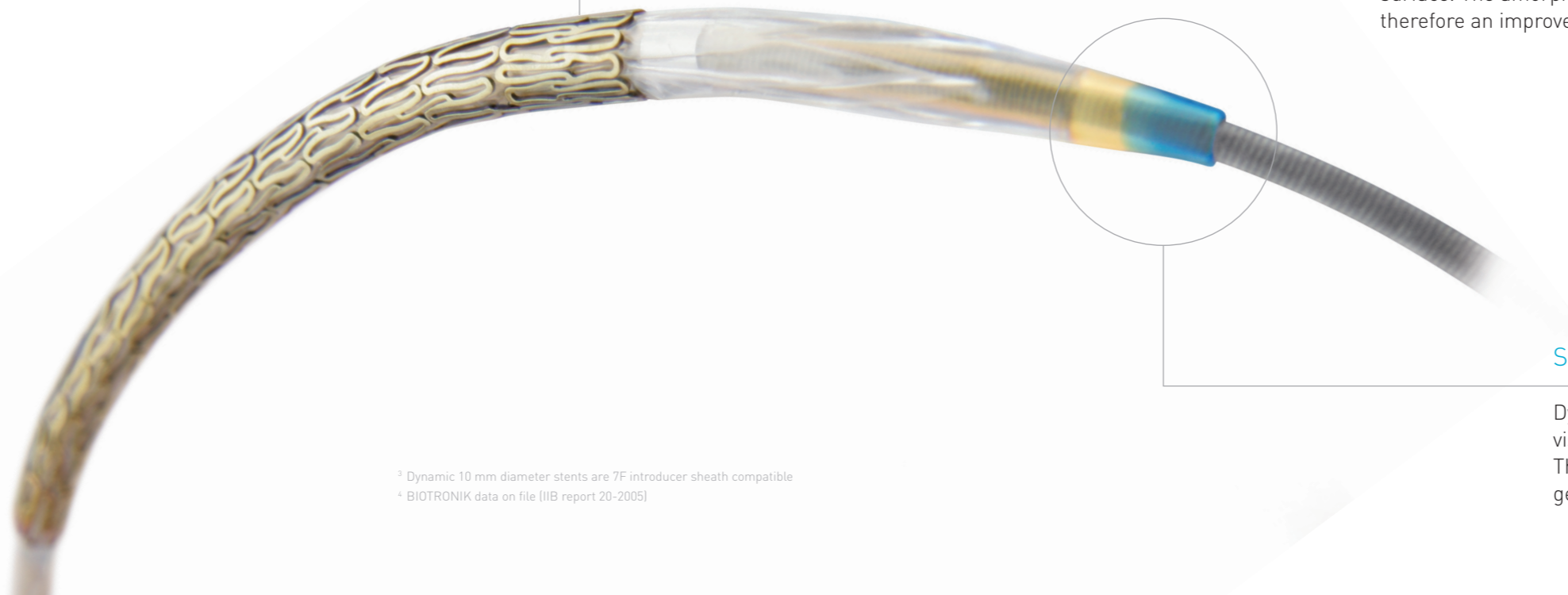
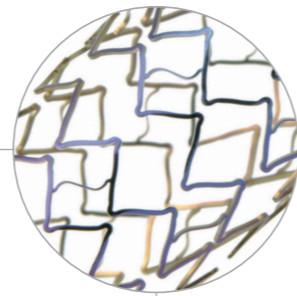
- The helical stent design provides optimal flexibility respecting vessel movement
- Peak-to-valley design avoids the fish-scaling effect optimizing stent scaffolding



Dynamic
Peak-to-Valley



Competitive
Peak-to-Peak

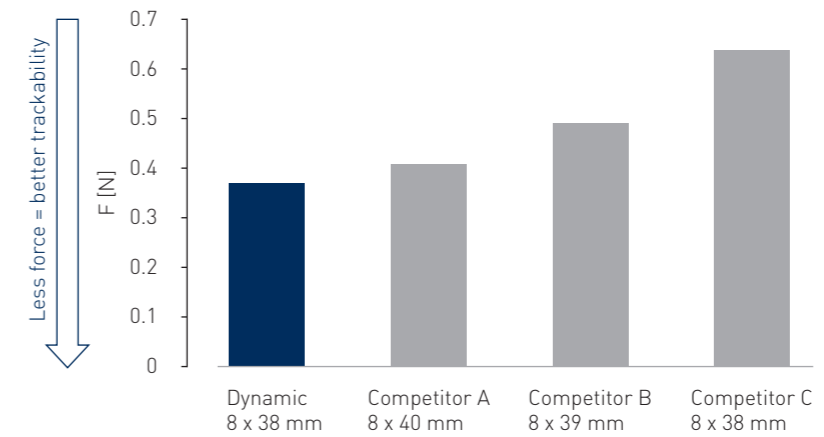


³ Dynamic 10 mm diameter stents are 7F introducer sheath compatible
⁴ BIOTRONIK data on file (IIB report 20-2005)

Stent designed for flexibility in iliac arteries

State of the art trackability

The Dynamic delivery system offers best trackability compared to competitive balloon expandable devices⁴.



Improved stent surface biocompatibility²

The proprietary **proBIO** stent coating provides a barrier against metal ion release. This results in a reduction in platelet activation and encourages a continuous endothelial layer to form on its surface. The amorphous silicon carbide coating provides therefore an improved biocompatible stent surface.

Smooth tapered tip

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

Dynamic

Balloon Expandable Stent/0.035"/OTW

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 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	-	-	-	-

Dynamic is part of the BIOTRONIK **6F** Solutions portfolio, including:

- Introducer Sheath: **Fortress** ■ Balloons: **Passeo-35, Passeo-35 HP** ■ Stents: **Astron, Pulsar-35**

For ordering please contact your
local sales representative

BIOTRONIK AG
Ackerstrasse 6
8180 Bülach · Switzerland
Tel +41 (0)44 8645111
Fax +41 (0)44 8645005
info.vi@biotronik.com
www.biotronik.com

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