Vascular Intervention // Peripheral

Astron

Self-Expanding Stent/0.035"/OTW Indicated for improving luminal diameter in patients with iliac atherosclerotic lesions in vessel reference diameters between 4.3 mm and 9.5 mm and lesion lengths up to 105 mm





- Pull-back delivery system enables simple stent deployment
- 5.2F proximal shaft for contrast injection while device in sheath
- Segmented stent design and strut thickness designed to provide sufficient chronic outward force in the iliac territory
- S-articulating connecting bars enable a peak-to-valley design for multi-directional flexibility





Astron Strength with flexibility

A stent designed for iliac artery lesions which are often calcified and occluded. Both stent and markers are completely coated with **proBIO**. Unique "S-articulations" are intended to facilitate stent conformability which allows stent to track vessel movement while maintaining required chronic outward force.

Stent designed to achieve required radial force and flexibility in iliac arteries

Pull-back delivery system

Enables simple stent deployment.

Easy release

Relieves friction of introducer valve on the retractable shaft during stent deployment, providing a smoother stent release.

Segmented stent design for iliac artery

- Segmented design and strut thickness designed to provide sufficient chronic outward force.
- Peak-to-valley design and S-articulating connecting bars provide multi-directional flexibility and avoid fish-scaling in tortuous arteries.







Peak-to-Peak

Stent visibility

Four gold markers at each end of the stent to enhance visibility.



6F introducer compatibility





proBIO reduces ion release

proBIO acts as an effective and reliable barrier to Nickel and other heavy metal ion diffusion.

Nickel release



Astron Self-Expanding Nitinol Stent/0.035"/OTW

	Stent	
	Catheter type	OTW
	Recommended guide wire	0.035"
	Stent material	Nitinol
	Strut thickness	225 μm (ø 10 mm = 230 μm)
	Stent coating	proBIO (Amorphous Silicon Carbide)
	Stent markers	4 gold markers each end
	Sizes	ø 7 - 10 mm; L: 30 - 80 mm
	Proximal shaft	5.2F, hydrophobic coating
	Usable length	72 and 130 cm

Stent ø (mm)	Catheter length 72 cm Stent length (mm)				
	30	40	60	80	
7.0	3646451	3646461	3646471	3646481	
8.0	364649	364650	364651	364652	
9.0	3646531	3646541	3646551	364656	
10.0	-	364657	3646581	3646591	
	Stent ∅ (mm) 7.0 8.0 9.0 10.0	Stent ø (mm) Catheter ler Stent length 30 3 7.0 3646451 8.0 364649 9.0 3646531 10.0 -	Stent ø (mm) Catheter length 72 cm Stent length (mm) 30 40 7.0 364645 ¹ 364645 ¹ 364646 ¹ 8.0 364653 ¹ 9.0 364653 ¹ 364653 ¹ 364654 ¹ 10.0 -	Stent ø (mm) Catheter length 72 cm Stent length (mm) 30 40 60 7.0 364645 ¹ 364646 ¹ 364647 ¹ 8.0 364649 364650 364651 9.0 364653 ¹ 364654 ¹ 364655 ¹ 10.0 - 364657 364658 ¹	Stent ø (mm) Catheter length 72 cm Stent length (mm) 30 40 60 80 7.0 3646451 3646461 3646471 3646481 8.0 364649 364650 364651 364652 9.0 3646531 3646541 3646551 364656 10.0 - 364657 3646581 3646591

	Stent ø (mm)	Catheter length 130 cm Stent length (mm)						
		30	40	60	80			
6F	7.0	364660	364661	364662	364663			
	8.0	364664	364665	364666	364667			
	9.0	364668	3646691	3646701	3646711			

Size available upon special request

Astron is part of the BIOTRONIK 6F Solutions portfolio, including: Introducer Sheath: Fortress = Balloons: Passeo-35, Passeo-35 HP

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Technical Data

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