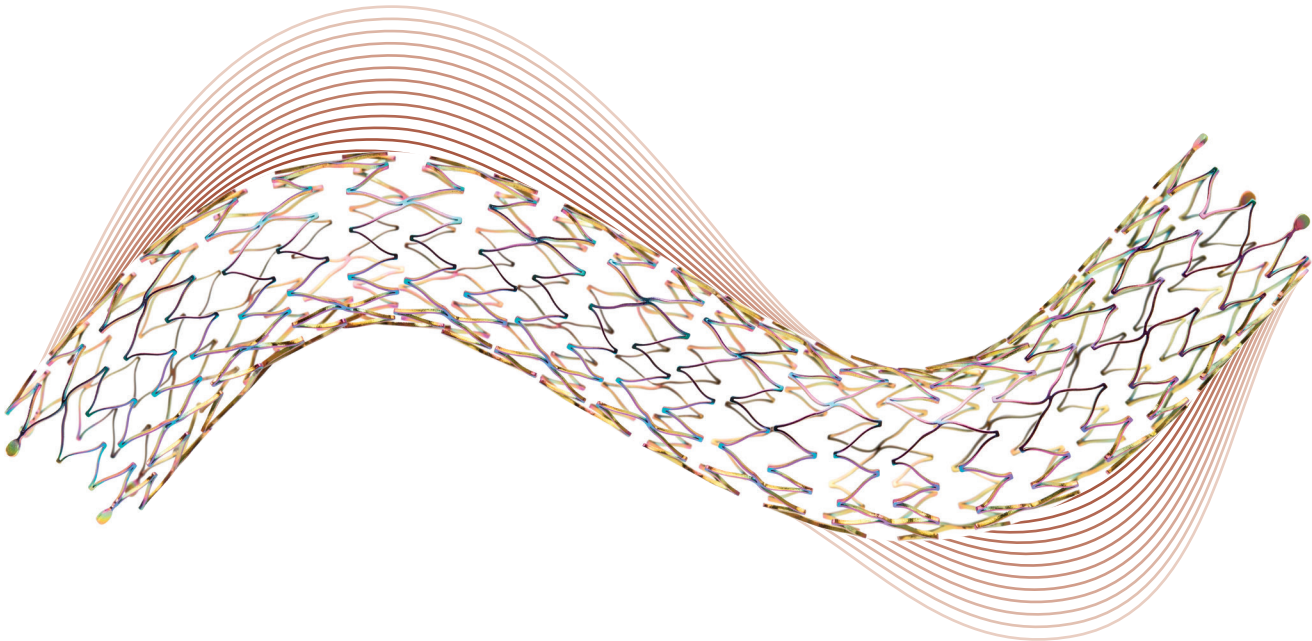


Vascular Intervention // **Peripheral**  
Self-Expanding Stent System / 0.035" / OTW

# Astron



# Astron

## Strength with flexibility

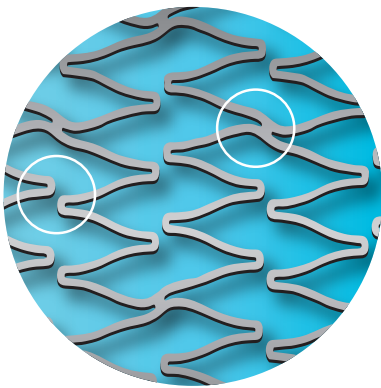
A stent designed for iliac artery lesions which are often calcified and occluded. Both stent and markers are completely coated with **proBIO**. Unique “S-articulations” are intended to facilitate stent conformability which allows stent to track vessel movement while maintaining required chronic outward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

---

### 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.

Astron  
Peak-to-Valley



Peak-to-Valley

S-articulating

vs.

Competitive  
Peak-to-Peak



Peak-to-Peak



### Stent visibility

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

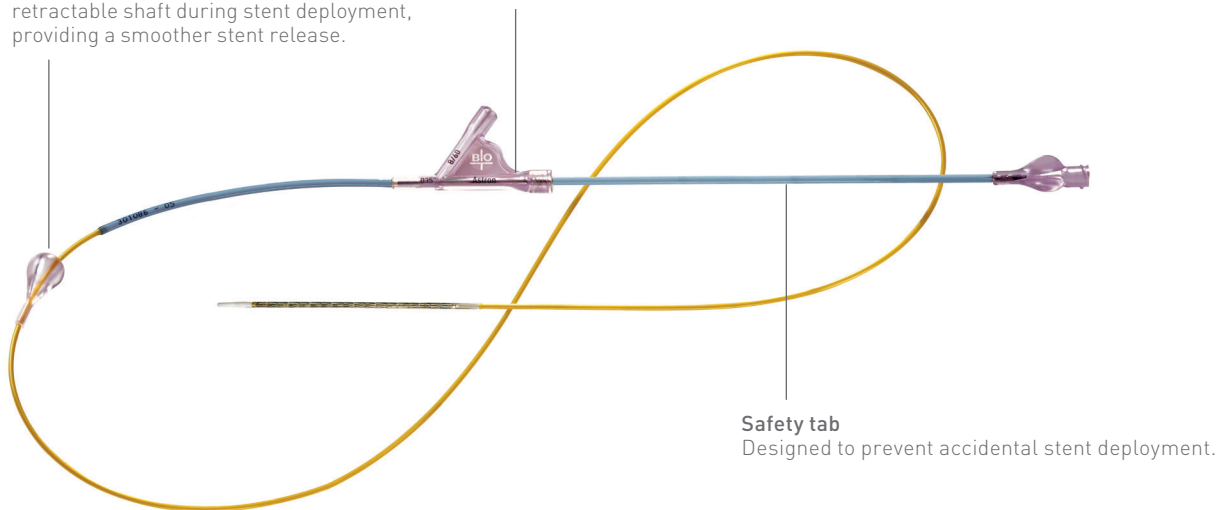
## Stent designed to achieve required radial force and flexibility in iliac arteries

### Easy release

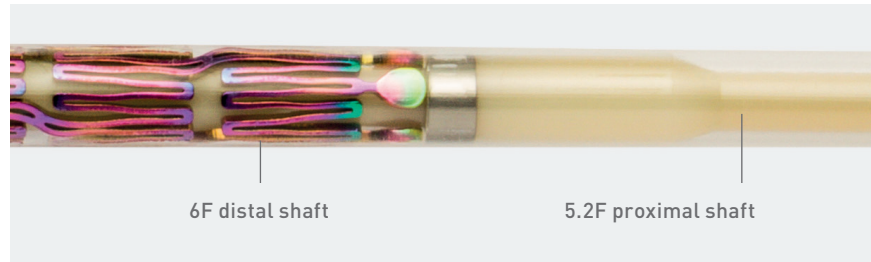
Relieves friction of introducer valve on the retractable shaft during stent deployment, providing a smoother stent release.

### Pull-back delivery system

Enables simple stent deployment.



### Stent magnification

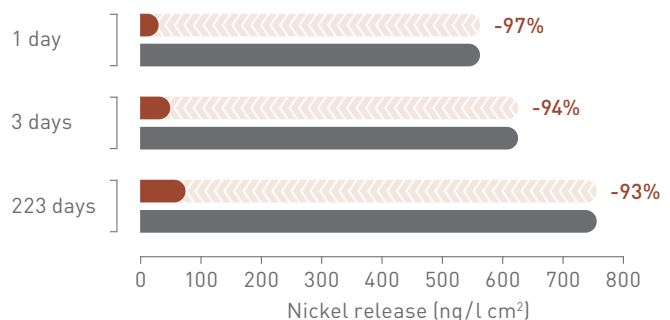


### 6F introducer compatibility

6F distal shaft with a 5.2F proximal shaft allows contrast injection while the device is positioned inside the introducer and across the lesion.

### proBIO reduces ion release<sup>1</sup>

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

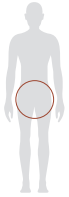


■ Nitinol stent proBIO coated  
■ Nitinol stent non-coated

<sup>1</sup> JM Schmehl et al. Cardiovascular Revascularization Medicine. 2008; 9:

# Astron

Vascular  
Intervention  
Peripheral



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.

Technical Data	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

Ordering Information	Stent ø (mm)	Catheter length 72 cm Stent length (mm)			
		30	40	60	80
6F	7.0	364645	364646	364647	364648
	8.0	364649	364650	364651	364652
	9.0	364653	364654	364655	364656
	10.0	-	364657	364658	364659
	Stent ø (mm)	Catheter length 130 cm Stent length (mm)			
		30	40	60	80
6F	7.0	343785	343786	343787	343788
	8.0	343789	343790	343791	343792
	9.0	343793	343794	343795	343796

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