

High radial strength



Largest size range



Deliverability in 6F compatibility



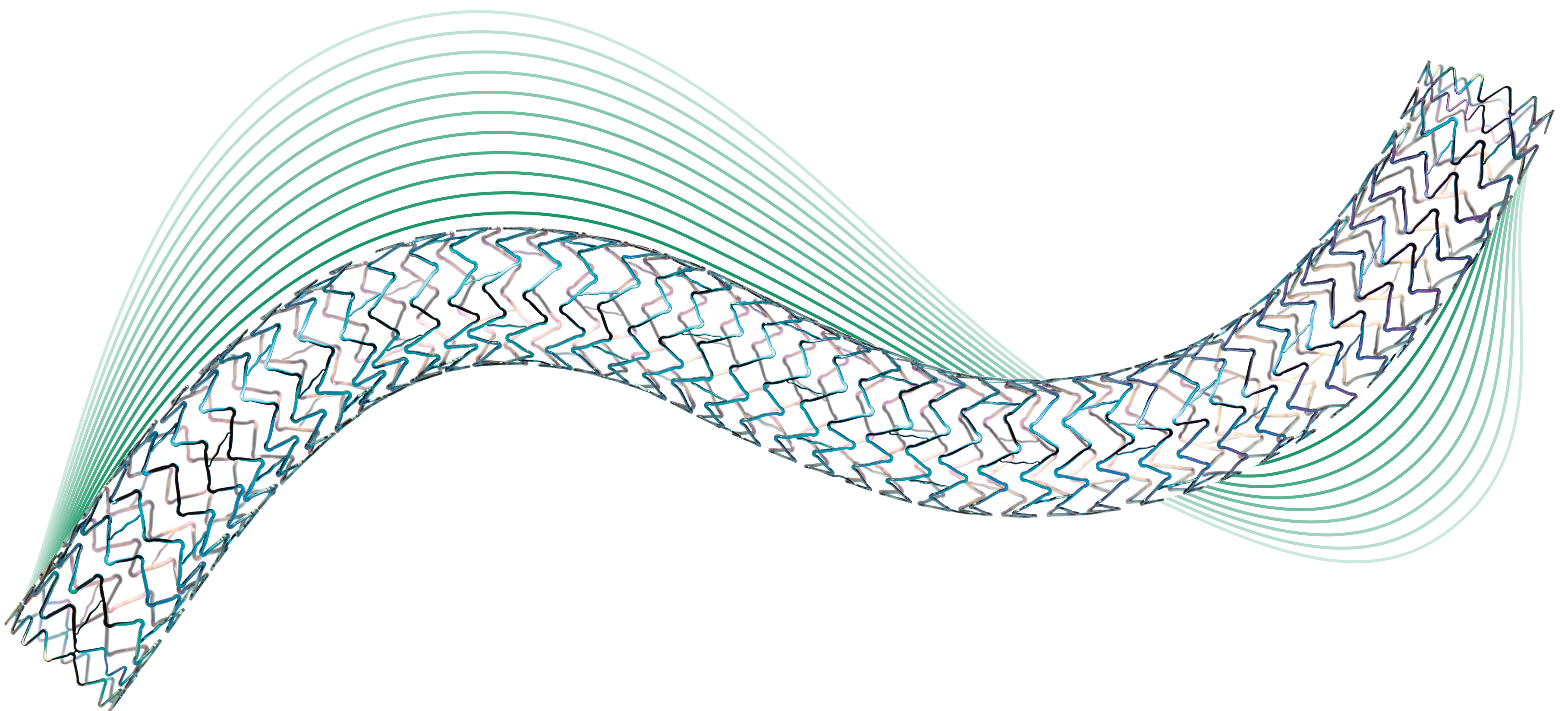
Technical data / ordering info

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

BIO **BIOTRONIK**
excellence for life

Dynetic[®]-35

The next generation iliac stent with excellent radial strength and superb flexibility.



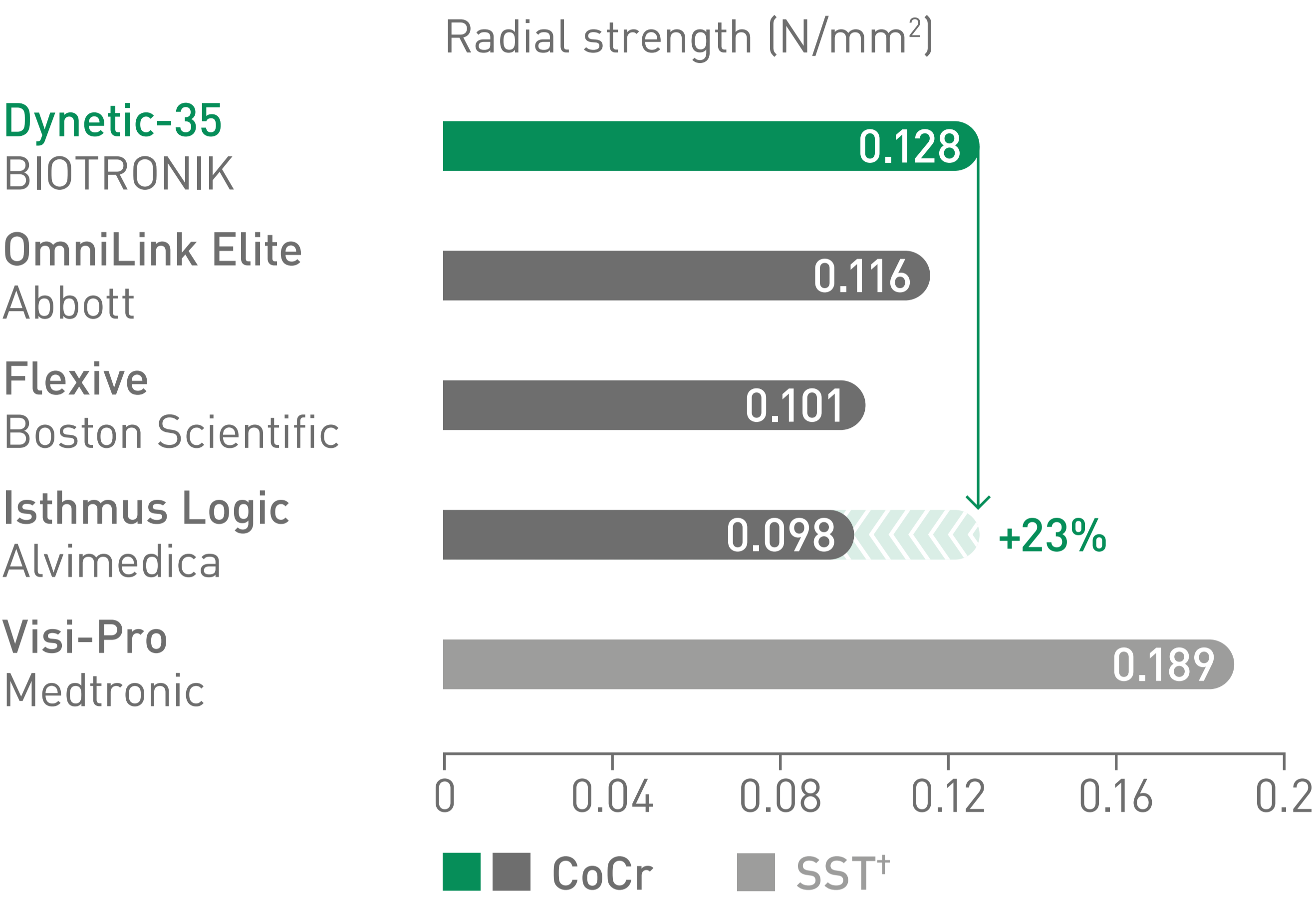
Dynetic-35

High radial strength¹ and 6F compatible deliverability² across the largest size range.^{2,3}

Thin struts with high radial strength

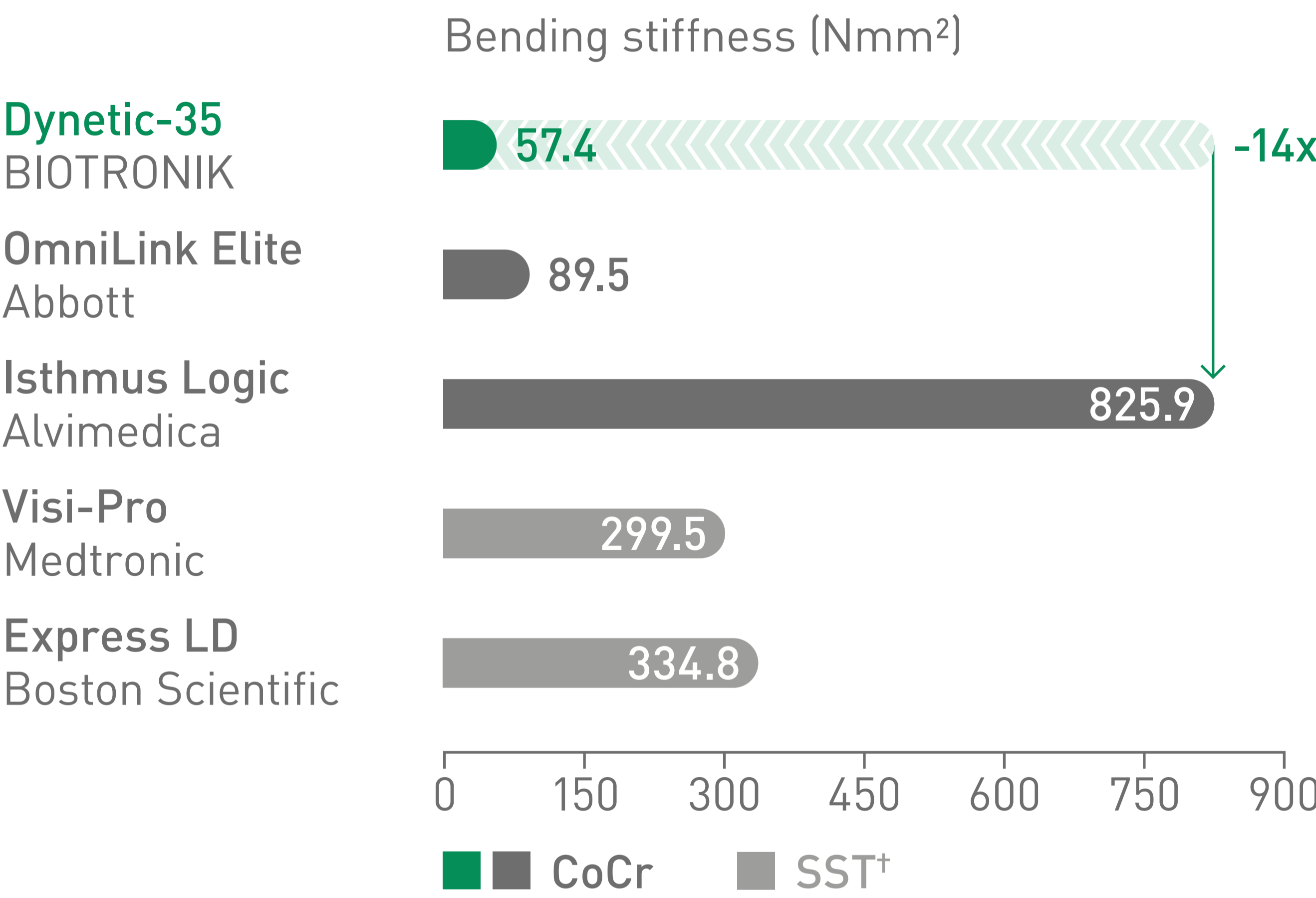
High radial strength

Compared to leading competitor Cobalt Chromium (CoCr) stents up to 23% higher radial strength.¹



Super flexible stent design

Most flexible stent design compared to leading competitor stents.⁴



High stent flexibility is represented by low bending stiffness (Nmm²)

[†]SST - Stainless Steel

Stent strut thickness in perspective¹

Dynetic-35[◇]
BIOTRONIK



OmniLink Elite[◇]
Abbott



Isthmus Logic[◇]
Alvimedica



Flexive[◇]
Boston Scientific



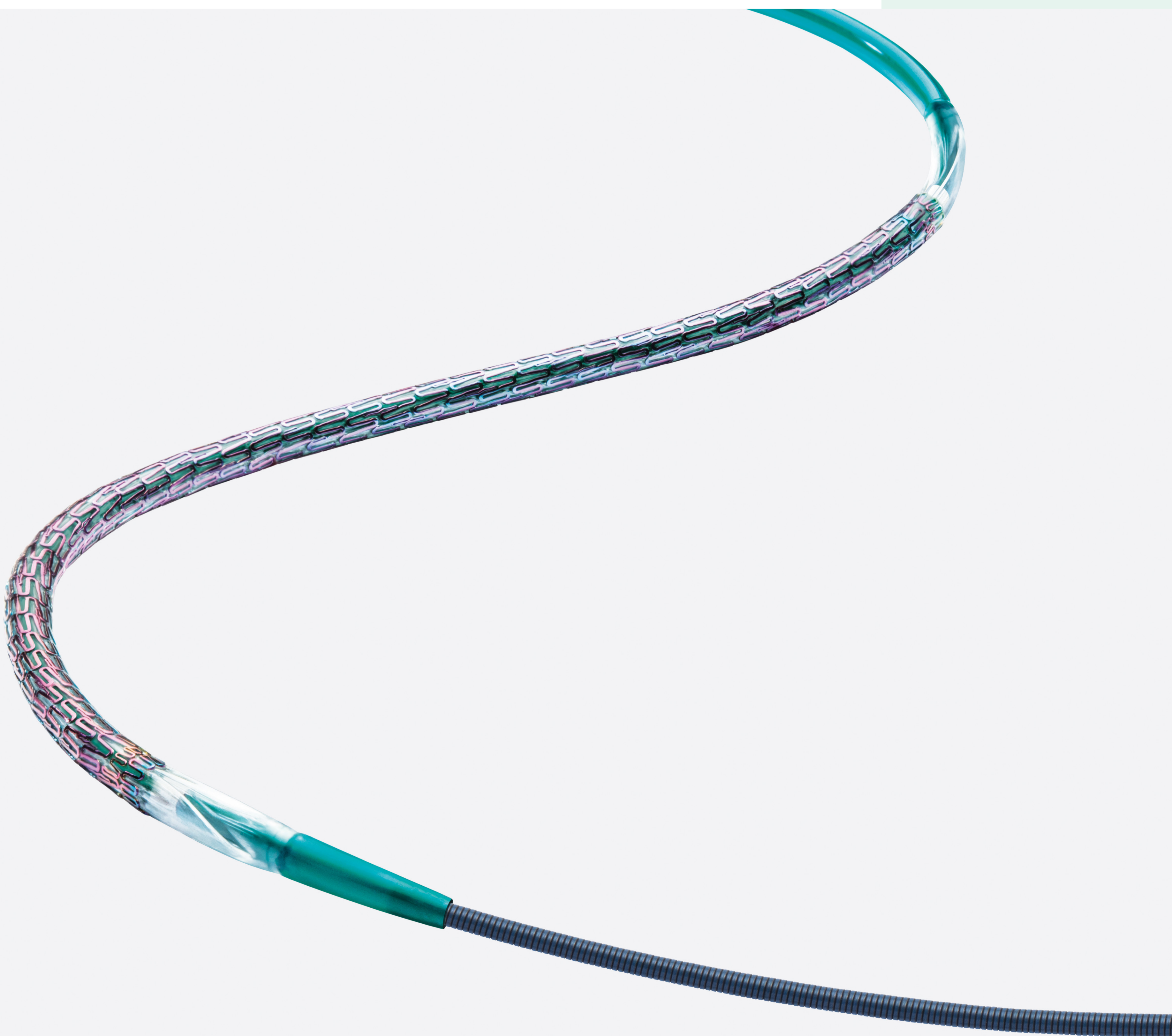
Express LD^{⊠5}
Boston Scientific



Visi-Pro[⊠]
Medtronic



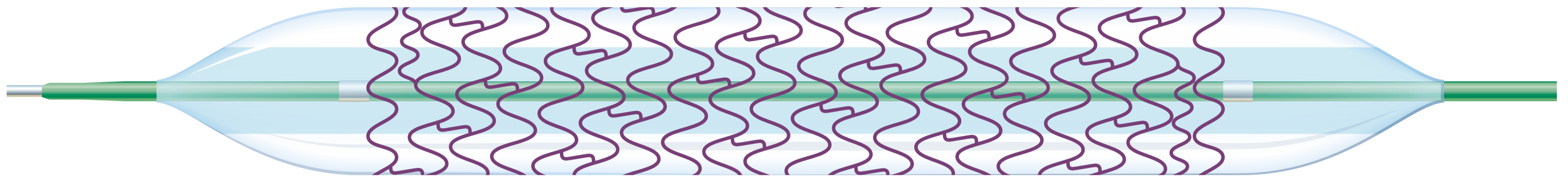
◇ CoCr, ⊠ SST[†]



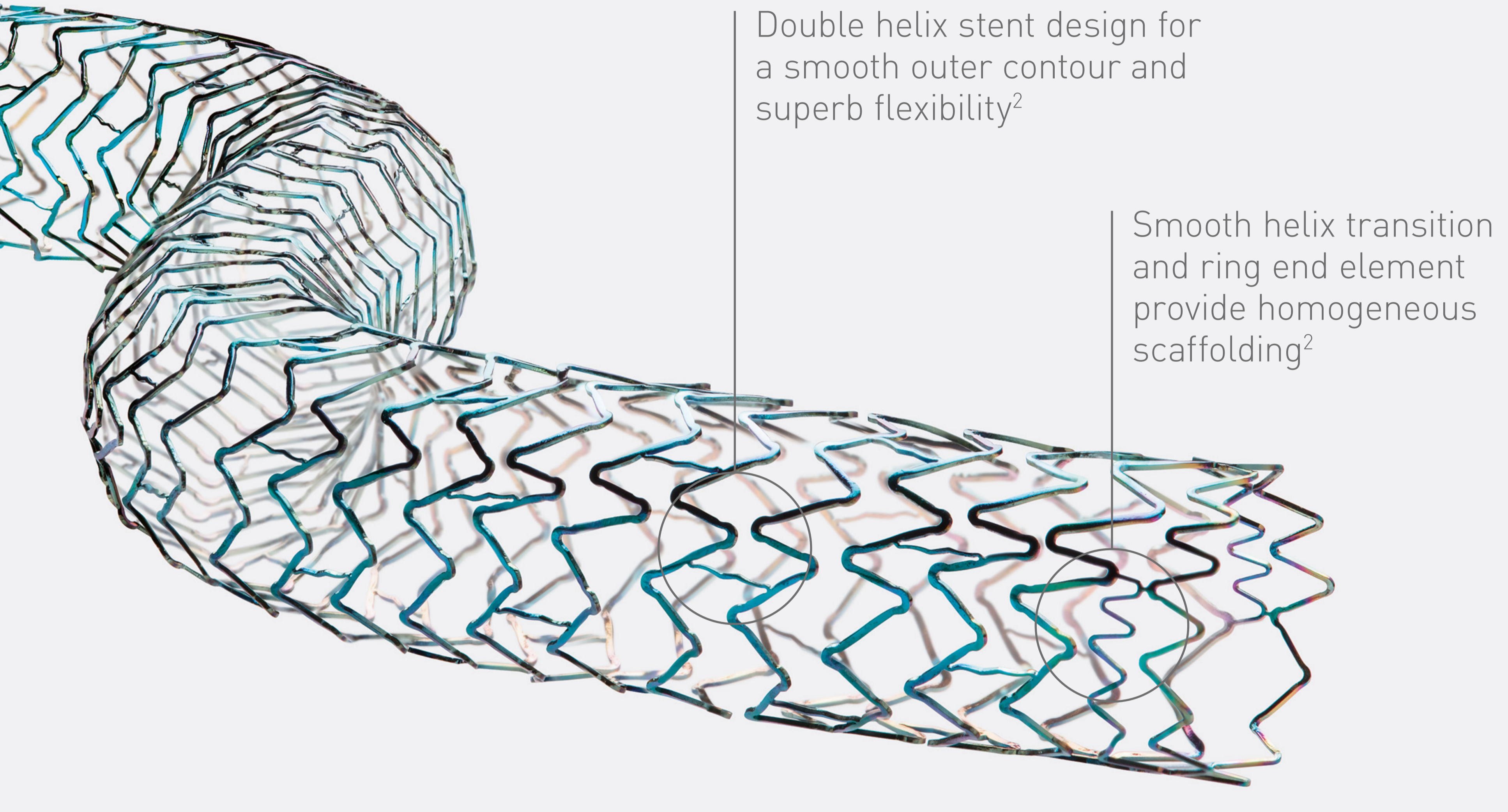


6F compatible in full size range

The thin strut stent design combined with the low profile balloon catheter delivery system offers the full product range in 6F sheath compatibility.²



6F Ø 5.0 – 10.0 mm
L 18 – 78 mm



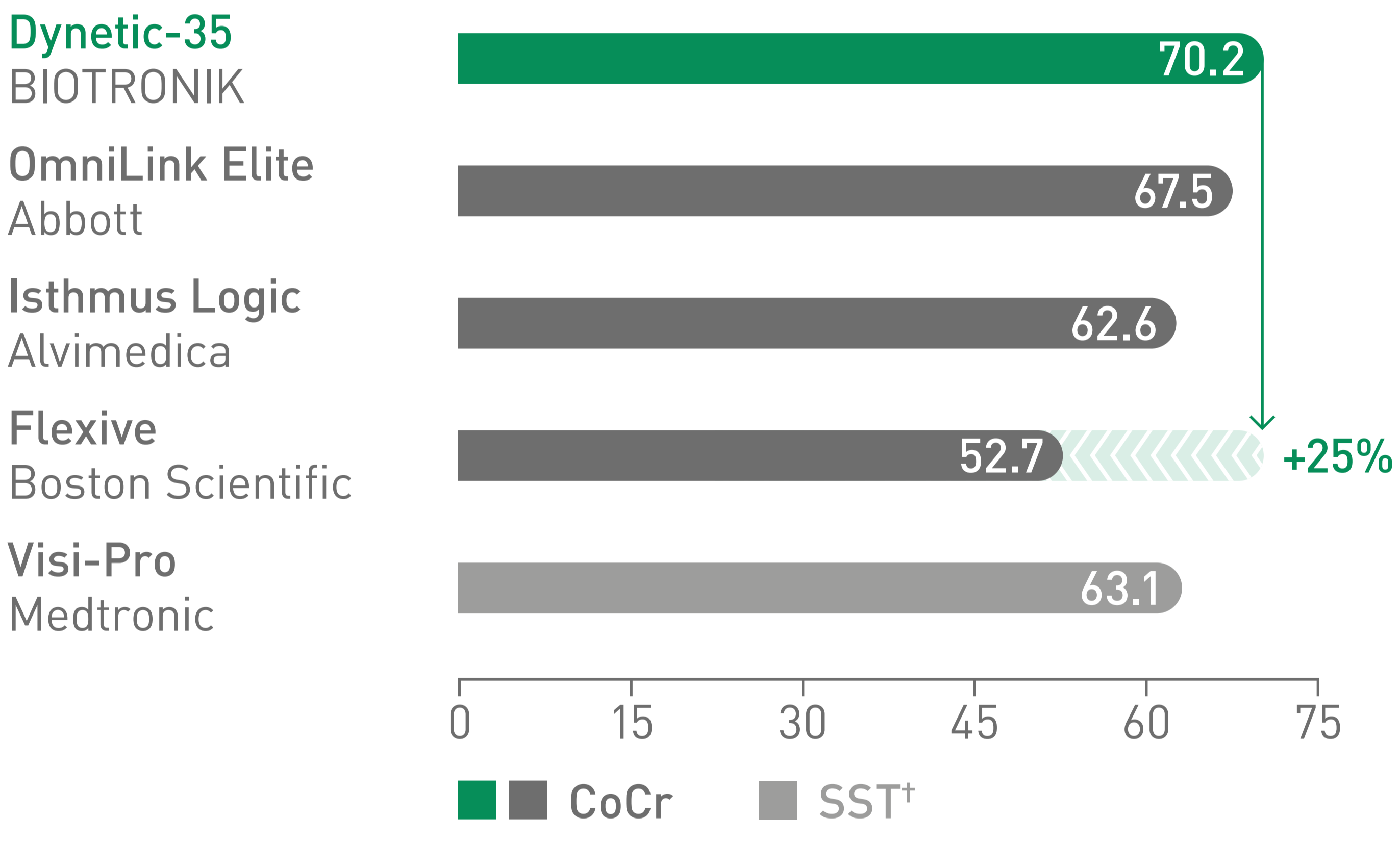
Double helix stent design for a smooth outer contour and superb flexibility²

Smooth helix transition and ring end element provide homogeneous scaffolding²

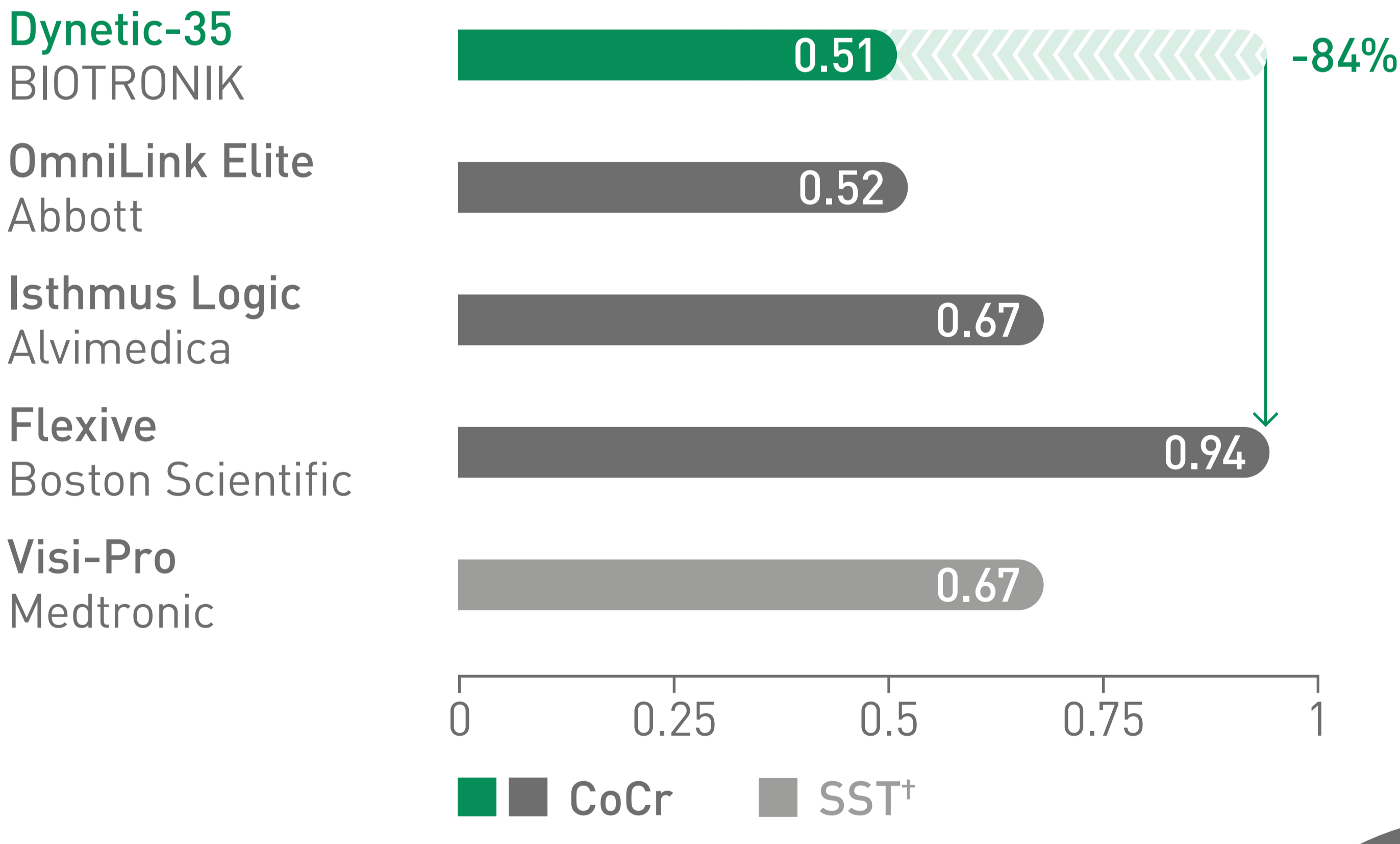
Excellent deliverability

The low profile design with its low crossing profile offers excellent deliverability* compared to leading competitor devices.²

Pushability (N)

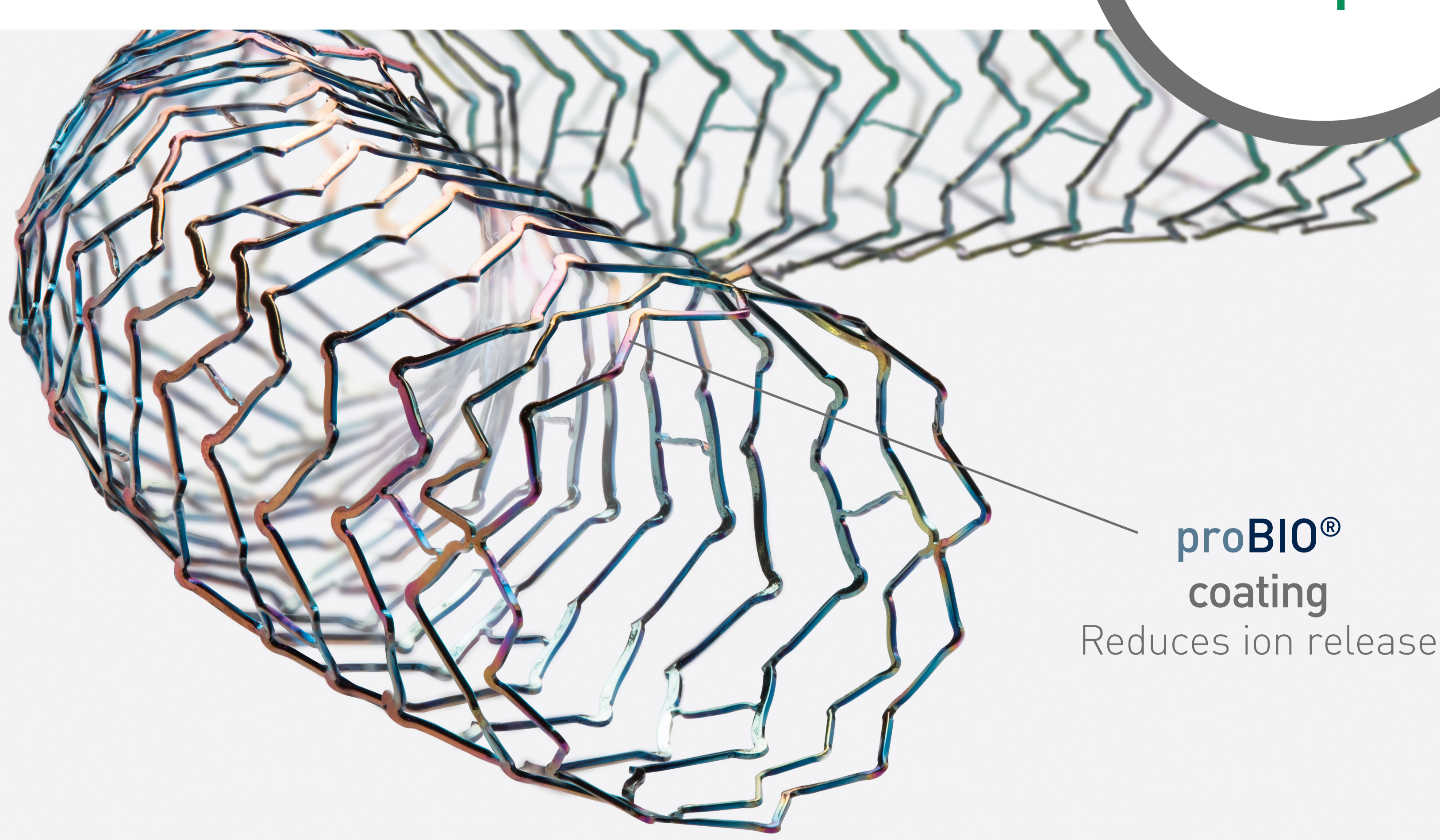


Trackability (N)



*Deliverability = pushability + trackability characteristics

Thin struts
140µm

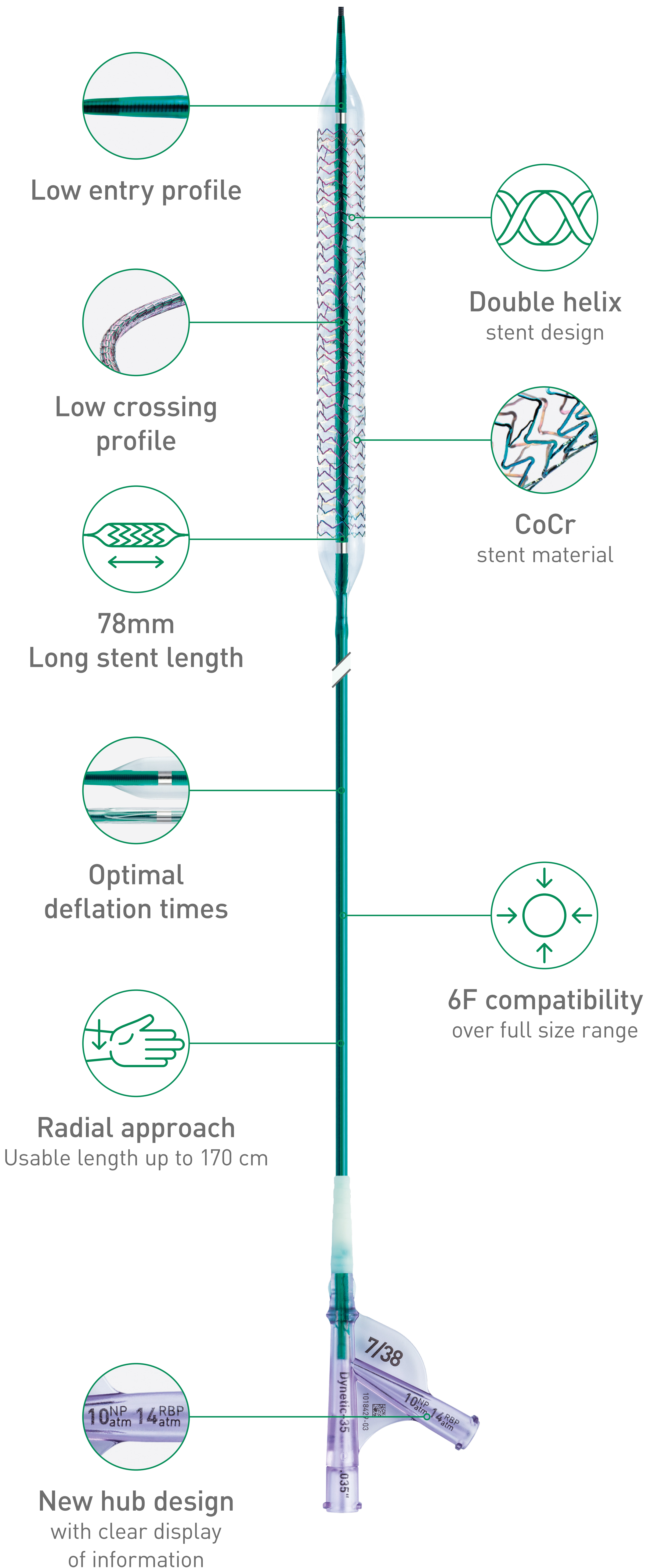


proBIO®
coating
Reduces ion release



Dynetic-35

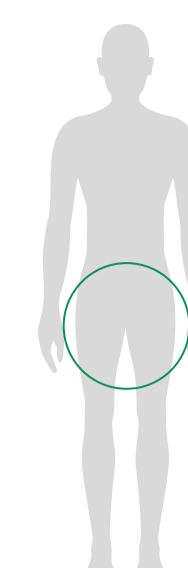
The next generation iliac stent with excellent radial strength and superb flexibility.^{1,4}





Dynetic-35

Vascular
Intervention
Peripheral



Indicated for the treatment of de novo or restenotic atherosclerotic lesions in iliac arteries. **, ++

Technical Data	Stent
Stent	Balloon-Expandable
Stent material	Cobalt Chromium
Strut thickness	110 µm (ø 5.0 - 7.0 mm), 140 µm (ø 8.0 - 10.0 mm)
Shortening	Negligible
Stent coating	proBIO® (Amorphous Silicon Carbide)
Sizes	ø 5.0 - 10.0 mm; L: 18 - 28 - 38 - 58 - 78 mm

Delivery system	
Catheter type	OTW
Recommended guide wire	0.035"
Tip	Low entry profile, colored
Balloon markers	2 swaged markers
Shaft	5.1 - 5.4F, hydrophobic coating, dual-lumen
Usable length	90 cm, 130 cm and 170 cm
Markers	2 swaged markers
Guide wire lumen	Hydrophobic coating
Nominal Pressure (NP)	10 atm
Rated Burst Pressure (RBP)	14 atm (ø 5.0 - 8.0 mm), 12 atm (ø 9.0 - 10.0 mm)

Ordering Information	Stent ø (mm)	Catheter length 90 cm Stent length (mm)				
		18	28	38	58	78
6F	5.0	428690	428694	428700	428706	-
	6.0	428691	428695	428701	428707	-
	7.0	428692	428696	428702	428708	428712
	8.0	448939	448942	448945	448948	448951
	9.0	-	448943	448946	448949	448952
	10.0	-	448944	448947	448950	448953

Ordering Information	Stent ø (mm)	Catheter length 130 cm Stent length (mm)				
		18	28	38	58	78
6F	5.0	428716	428720	428726	428732	-
	6.0	428717	428721	428727	428733	-
	7.0	428718	428722	428728	428734	428738
	8.0	448954	448957	448960	448963	448966
	9.0	-	448958	448961	448964	448967
	10.0	-	448959	448962	448965	448968

Ordering Information	Stent ø (mm)	Catheter length 170 cm Stent length (mm)				
		18	28	38	58	78
6F	5.0	-	-	428752 ^a	-	-
	6.0	-	428747	428753	428759	-
	7.0	-	428748	428754	428760	428764 ^a
	8.0	-	448972	448975	448978	448981 ^a
	9.0	-	448973	448976	448979	-
	10.0	-	-	448977 ^a	-	-

^a8 weeks pre-order

1. BIOTRONIK data on file. IIB(P)13-2019. 8.0 mm stent diameter; 2. BIOTRONIK data on file; 3. Endovascular Today - Europe Buyer's Guide, Balloon-Expandable Stents. <http://evtoday.com/device-guide/european/152#>; 4. BIOTRONIK data on file. IIB(P) 13-2019. 10.0 mm stent diameter; 5. BIOTRONIK data on file. IIB(R) 20-2005. 8.0 mm stent diameter.

**Indication as per IFU. ++Note: The Dynetic-35 does not have TGA (Therapeutic Goods Administration - Australia) approval for use within the common iliac artery. Dynetic and proBIO are trademarks or registered trademarks of the BIOTRONIK Group of Companies. Visi-Pro is a trademark or registered trademark of the Medtronic Group of companies. Flexive and Express are trademarks or registered trademarks of the Boston Scientific Group of companies. OmniLink and OmniLink Elite are trademarks or registered trademarks of the Abbott Group of companies. Isthmus Logic is a trademark of the Alvimedica Group of companies.

