

HARNESSING THE POWER OF HYBRID

HYBRID STENT ARCHITECTURE

Hybrid cell design

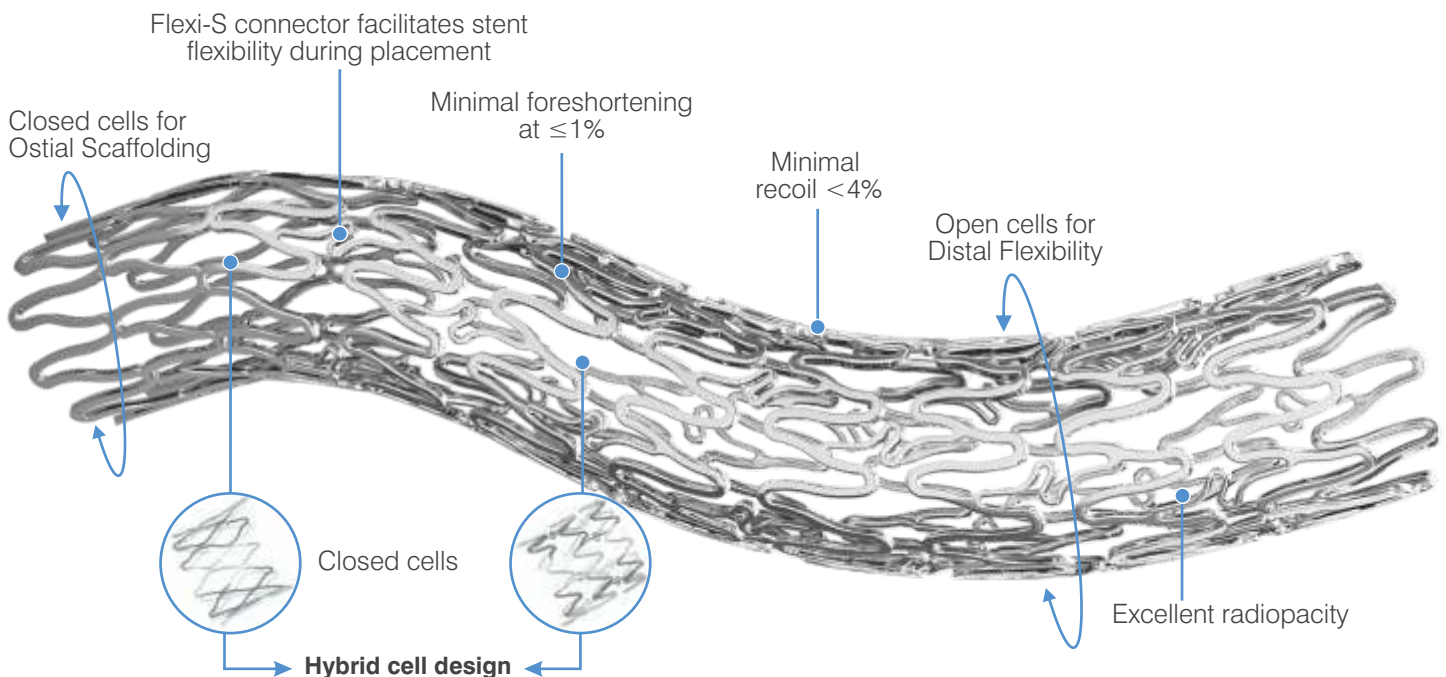
- Open cell at distal end offers stent deliverability
- Closed cell at proximal end aid ostial scaffolding

Low Strut Thickness

- Co-Cr offers optimum radial strength with lower strut thickness ($120\ \mu\text{m}$) compared to SS material
- Propensity to minimise vascular injury

Access & Deliverability

- Design features include laser bonded tip technology to improve tracking
- Short balloon overhang to facilitate access and crossing
- Multi approach (femoral, axillary, brachial or radial) with 5F sheath or 6F guide catheter compatibility



TECHNICAL SPECIFICATIONS COGENT

STENT

Stent Material	: Cobalt Chromium L605
Strut Thickness	: 120 μ m (0.120 mm)
Stent Diameters (mm)	: 5.00, 6.00, 7.00
Stent Lengths (mm)	: 12, 15, 18
Mean Recoil	: <4%
Mean Foreshortening	: $\leq$ 1%

DELIVERY SYSTEM

Delivery System	: Rapid Exchange (Rx.)
Usable Catheter Length	: 150 cm
Nominal Pressure (NP)	: 9 atm
Rated Burst Pressure (RBP)	: 13 / 14 atm depending upon diameter and length of balloon (Refer product labels/IFU for more details)
Radiopaque Markers	: 2-Platinum / Iridium
Proximal Shaft Diameter	: 2.2 Fr
Distal Shaft Diameters	: 3.2 Fr
Max. Guidewire Compatibility	: 0.014" (0.36 mm)
Min. Sheath Compatibility	: 5 Fr for all size
Guide Catheters Compatibility	: 6 Fr (I.D = 0.070" or 1.8 mm)

Cogent™ BMS - ORDERING INFORMATION

Usable Catheter Length (Rx) - 150 cm			
Diameter (mm)	Stent Length (mm)		
	12	15	18
5.00	CGB05012B	CGB05015B	CGB05018B
6.00	CGB06012B	CGB06015B	CGB06018B
7.00	CGB07012B	CGB07015B	CGB07018B



Contact your country local Meril sales representative for availability of sizes.
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Cogent™ BMS is not approved by USFDA and not available for sale in USA.

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