

CRYPTON<sup>TM</sup>  
Stainless Steel Coronary Stent System

Meril  
More to Life

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# CRYPTON<sup>TM</sup>

## Stainless Steel Coronary Stent System

**Crafted to exceed your expectations**



### **Novel Stent Geometry**

- Crypton<sup>TM</sup> novel stent geometry brings out the best in a stainless steel coronary stent.
- Hybrid of open and closed cells permits low strut thickness of 105µm with high degree of radial strength and excellent flexibility.

### **High radial strength**

In a certified lab, Crypton<sup>TM</sup> stent demonstrated highest radial strength than 14 predicates<sup>1</sup>.



### **Great trackability & pushability**

- During the same tests, Crypton<sup>TM</sup> was found to have lowest tracking and pushing force in an in-vitro model. Crypton<sup>TM</sup> performed better than 17 predicates during the tests<sup>1</sup>.

1. Data on file



## Unique Crimping Technique - High Stent Dislodgement force

- Meril's unique crimping technology results in excellent crimping strength which will ensure that in tight anatomical situations, Crypton™ navigates smoothly without dislodging itself from the balloon catheter. Amongst 12 predicates Crypton™ demonstrated highest dislodgement force<sup>1</sup>.

## Negligible Recoil & ~Zero Foreshortening

- Crypton's unique combination of S-links & Y-connectors ensures that while there is a high degree of flexibility, there is excellent after crimping profile, no recoil and almost zero foreshortening.

1. Data on file

CRYPTON™ TECHNICAL SPECIFICATIONS

STENT

Stent Material	:	Stainless Steel 316L
Strut Thickness	:	105 µm (0.105mm or 0.0041")
Stent Diameters (mm)	:	2.50, 2.75, 3.00, 3.50, 4.00, 4.50
Stent Lengths (mm)	:	8, 13, 16, 19, 24, 29, 32, 37, 40
Mean Recoil	:	1.3%
Mean Foreshortening	:	0.48%

54 SKUs,  
also available in  
40mm lengths

DELIVERY SYSTEM

Delivery System	:	Rapid Exchange
Stent Diameter	:	Crossing Profile
mm		mm / inches
2.50		0.98mm / 0.038"
2.75		1.04mm / 0.041"
3.00		1.09mm / 0.043"
3.50		1.12mm / 0.044"
4.00		1.20mm / 0.047"
4.50		1.28mm / 0.050"
Nominal Pressure	:	8 ATM
Rated Burst Pressure	:	16 ATM ( for 4.5mm diameters, 14 ATM)
Balloon Overhang	:	<0.5mm
Shaft Outer Diameter	:	Proximal 1.9F / Distal 2.7F
Radiopaque Markers	:	2 - Platinum / Iridium
Usable Catheter Length	:	140cm
Guide Catheter Compatibility	:	5F (Min. I. D. 0.056"/1.42mm)
Max. Guide Wire	:	0.014" (0.36mm)

CRYPTON™ STENT ORDERING INFORMATION

Dia / Length	8mm	13mm	16mm	19mm	24mm
2.50mm	CRT25008	CRT25013	CRT25016	CRT25019	CRT25024
2.75mm	CRT27508	CRT27513	CRT27516	CRT27519	CRT27524
3.00mm	CRT30008	CRT30013	CRT30016	CRT30019	CRT30024
3.50mm	CRT35008	CRT35013	CRT35016	CRT35019	CRT35024
4.00mm	CRT40008	CRT40013	CRT40016	CRT40019	CRT40024
4.50mm	CRT45008	CRT45013	CRT45016	CRT45019	CRT45024
Dia / Length	29mm	32mm	37mm	40mm	
2.50mm	CRT25029	CRT25032	CRT25037	CRT25040	
2.75mm	CRT27529	CRT27532	CRT27537	CRT27540	
3.00mm	CRT30029	CRT30032	CRT30037	CRT30040	
3.50mm	CRT35029	CRT35032	CRT35037	CRT35040	
4.00mm	CRT40029	CRT40032	CRT40037	CRT40040	
4.50mm	CRT45029	CRT45032	CRT45037	CRT45040	



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