

## TECHNICAL SPECIFICATIONS

Available Stent Length (mm)	8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 50, 52
Available Stent Diameter (mm)	2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 4.50
Models	6 Cell design: 2.00, 2.25, 2.50, 2.75, 3.00 mm vessel wall 8 Cell design: 3.50, 4.00, 4.50 mm vessel wall
Stent Material	A medical grade L605 Cobalt Chromium alloy
Design	Uniform sinusoidal cell design
Stent Strut thickness	65 $\mu\text{m}$
Drug	Everolimus
Drug Dose	1.20 $\mu\text{g}/\text{mm}^2$
Polymers	Biodegradable Polymer based matrix
Coating Thickness	3 $\mu\text{m}$

## ORDERING INFORMATION OF ENCRUSO CORONARY STENT SYSTEM

Stent Diameter (mm)	Stent Length (mm)												
	8	12	16	20	24	28	32	36	40	44	48	50	52
2.00	EC2.0008	EC2.0012	EC2.0016	EC2.0020	EC2.0024	EC2.0028	EC2.0032	EC2.0036	EC2.0040	EC2.0044	EC2.0048	EC2.0050	EC2.0052
2.25	EC2.2508	EC2.2512	EC2.2516	EC2.2520	EC2.2524	EC2.2528	EC2.2532	EC2.2536	EC2.2540	EC2.2544	EC2.2548	EC2.2550	EC2.2552
2.50	EC2.5008	EC2.5012	EC2.5016	EC2.5020	EC2.5024	EC2.5028	EC2.5032	EC2.5036	EC2.5040	EC2.5044	EC2.5048	EC2.5050	EC2.5052
2.75	EC2.7508	EC2.7512	EC2.7516	EC2.7520	EC2.7524	EC2.7528	EC2.7532	EC2.7536	EC2.7540	EC2.7544	EC2.7548	EC2.7550	EC2.7552
3.00	EC3.0008	EC3.0012	EC3.0016	EC3.0020	EC3.0024	EC3.0028	EC3.0032	EC3.0036	EC3.0040	EC3.0044	EC3.0048	EC3.0050	EC3.0052
3.50	EC3.5008	EC3.5012	EC3.5016	EC3.5020	EC3.5024	EC3.5028	EC3.5032	EC3.5036	EC3.5040	EC3.5044	EC3.5048	EC3.5050	EC3.5052
4.00	EC4.0008	EC4.0012	EC4.0016	EC4.0020	EC4.0024	EC4.0028	EC4.0032	EC4.0036	EC4.0040	EC4.0044	EC4.0048	EC4.0050	EC4.0052
4.50	EC4.5008	EC4.5012	EC4.5016	EC4.5020	EC4.5024	EC4.5028	EC4.5032	EC4.5036	EC4.5040	EC4.5044	EC4.5048	EC4.5050	EC4.5052

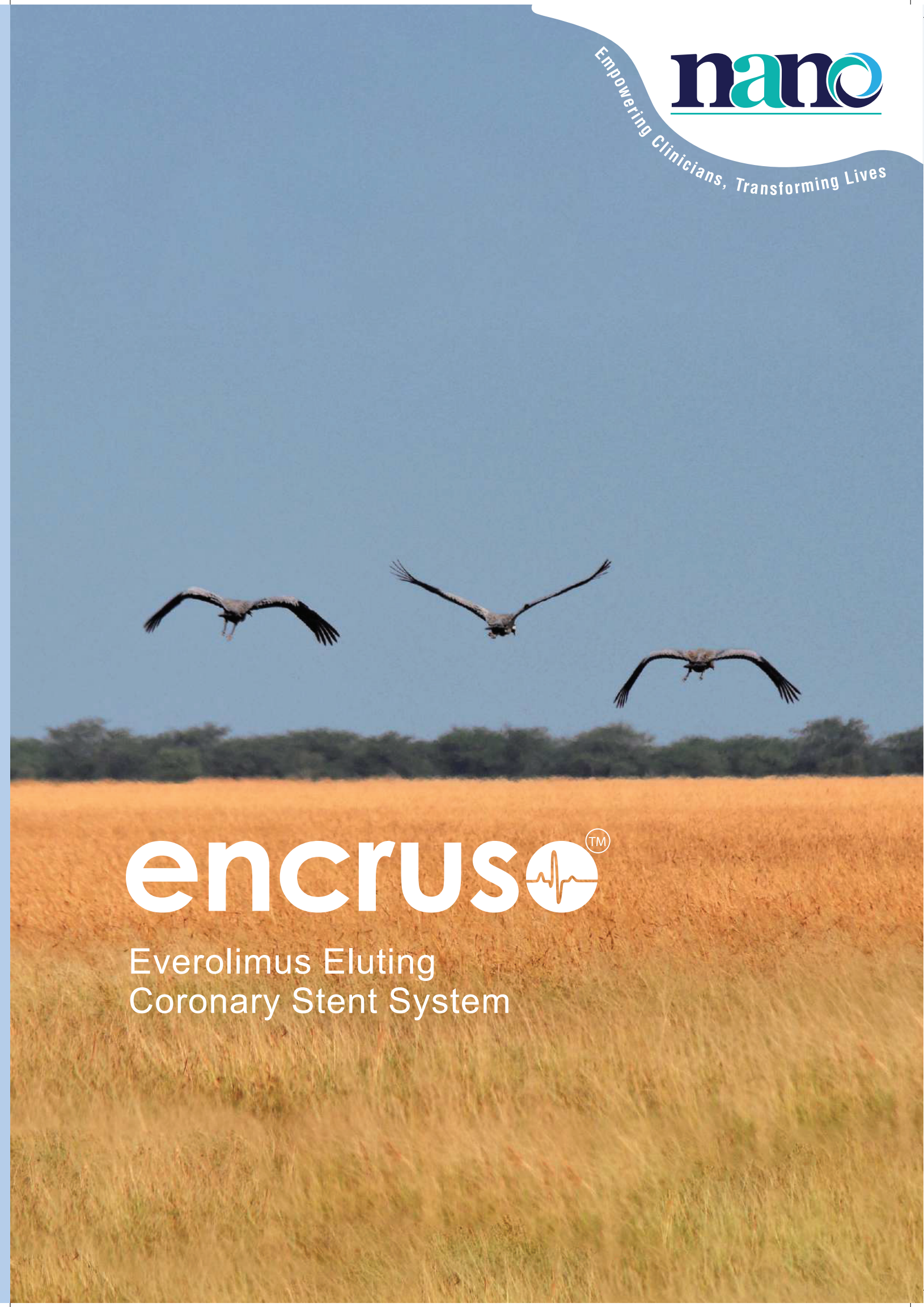


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**Note:** ENCRUSO is a trade mark of Nano Therapeutics Pvt. Ltd. Specifications are subject to revision, improvement and modifications (i) Resolute Integrity, (ii) Xience Sierra (iii) Ultimaster (iv) Synergy & (v) Orsiro are the registered Trademarks of Medtronic, Inc. or it's affiliates, Abbott Group of Companies, Terumo Corporation, Boston Scientific & Biotronik SE respectively. **Source:** The source of information is based on the product brochures/catalogue of respective brands.

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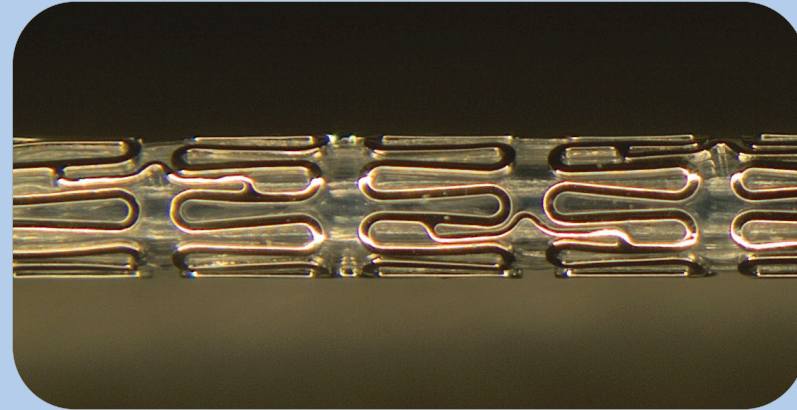


# encruso<sup>TM</sup>

## Everolimus Eluting Coronary Stent System

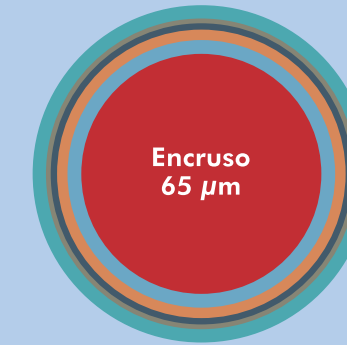


Low Crimping Profile (0.95 mm) of Encruso Stent Ensures Better Deliverability for Tortuous Anatomy and Complex Situations.



**ULTRA THIN STRUT THICKNESS**

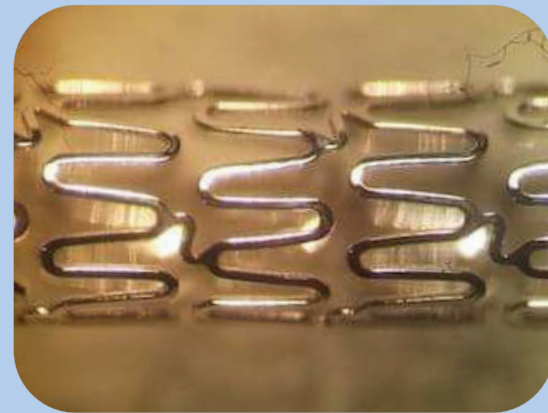
Ultra thin strut thickness increases flexibility, reduces stent profile, improves trackability and easy access of complex lesion sites. It reduces stent-induced arterial injury and inflammation and facilitate faster endothelialization.



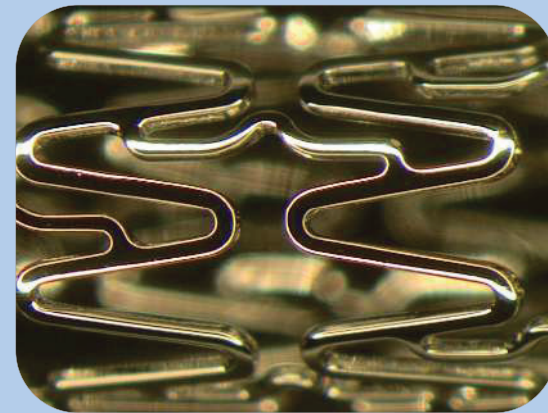
91 μm RESOLUTE Integrity	81 μm Xience Sierra	80 μm Ultimate Master
79-81 μm Synergy	60-80 μm Orsiro	<b>65 μm Encruso</b>

Strut thickness is for graphical representation purpose - not to scale

**ENCUSO – UNMATCHED SURFACE FINISH**



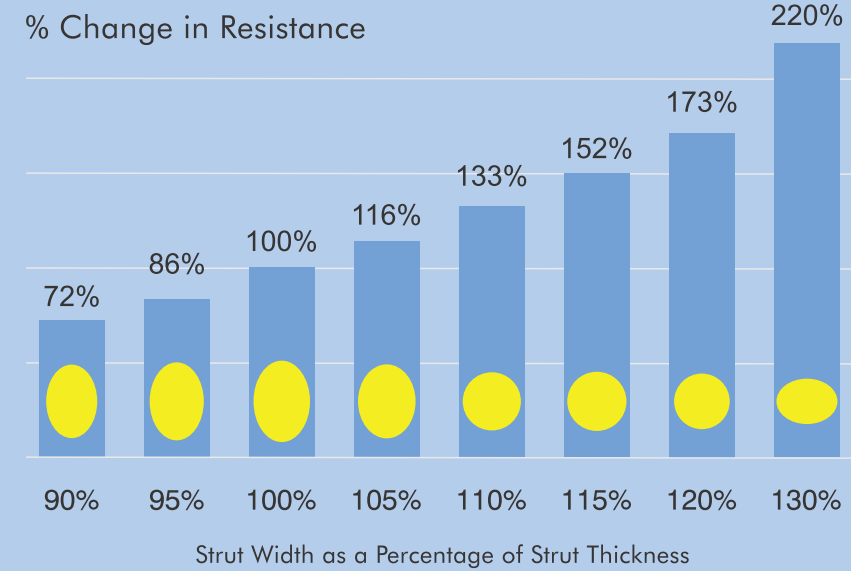
Typical CoCr Surface



Encruso Stent  
Proprietary Electro-Polish Mirror Surface

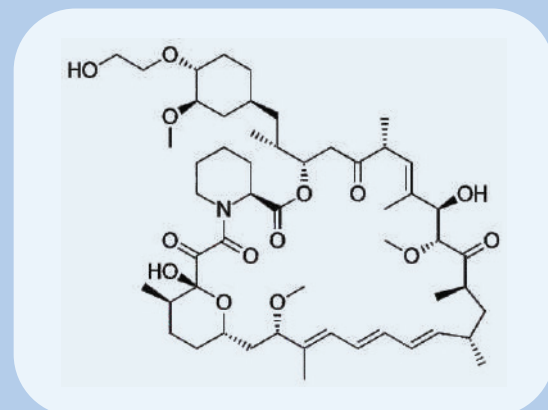
**STRUT THICKNESS & STRUT WIDTH**

Width > Thickness = ↑ Radial Strength



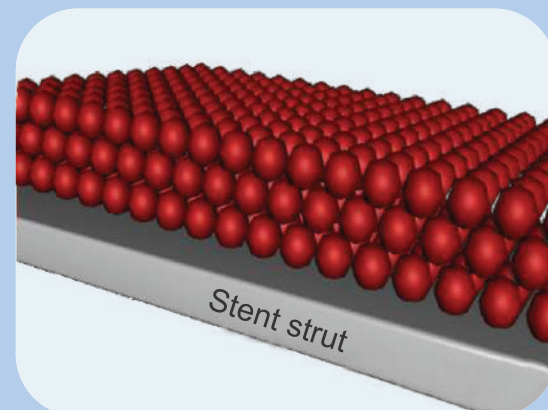
Engineering beam strength equation demonstrates that a 30% increase in width would result in a 2x increase in resistance.

**EVEROLIMUS**



DRUG DOSE  
Everolimus 1.20 μg/mm<sup>2</sup>

**BIODEGRADABLE POLYMER**



PLLA & PLGA based  
Biodegradable Polymer  
3 micron Drug + Polymer coating

**OVER EXPANSION**

No Structural deformation on over expansion (upto 5.00 mm) of the Encruso Stent Platform shows high resistance against arterial pressure and radial force.

