



euca PXS

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Endovascular Balloonexpandable
Stentsystem

Rapid Exchange, 0.018" Guide Wire



eucatech

INTEGRATED MEDICINE

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For interventional radiology

Maximum system and stent flexibility. The expanded stent adapts superb to the vessel anatomy. High radial forces optimally support the treated lesions. A first class product for interventional radiology – a first class product based on eucatech's research.

Stent Delivery System Features

- Optimal balance between flexibility and pushability
- Short inflation and deflation due to the increased lumen design
- High kink resistance shaft
- Smooth guide wire trackability
- Tapered and atraumatic soft tip
- Controlled linear sizing of the balloon for safe stent implantation
- Swatched Platinum / Iridium markers for low crimped profile
- Hydrophilic Coating reduces friction for easier lesion entry and cross

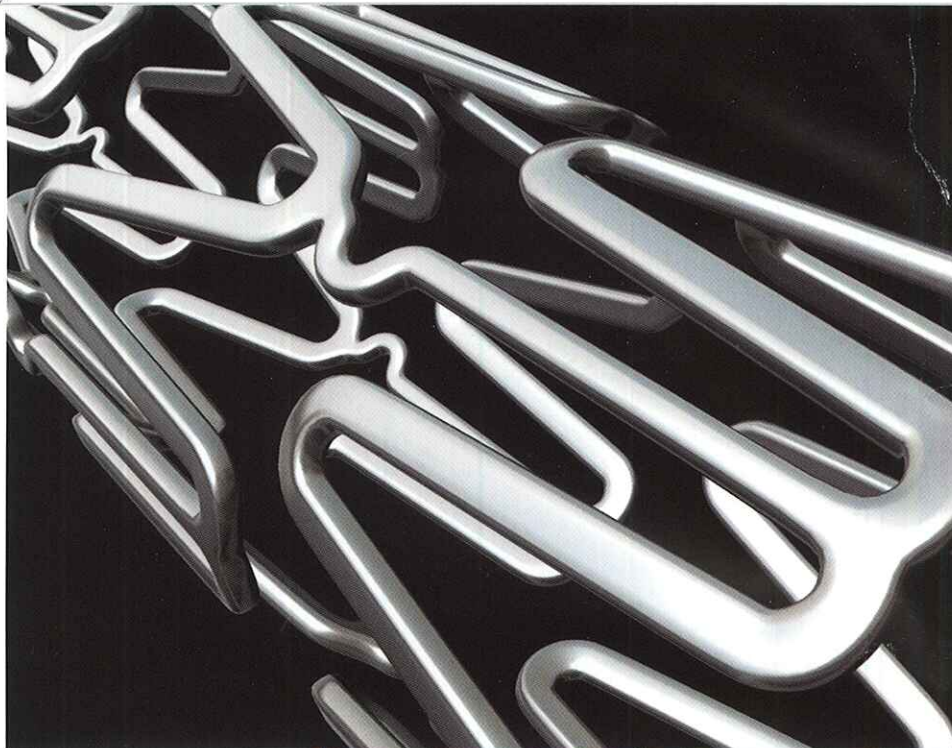
Reduced strut thickness in the connecting segments of the stent increases flexibility and allows placement in even tortuous vessels

FEM optimized design realizes perfect homogeneous expansion and a reduced elastic recoil which leads to a perfect hemodynamic result

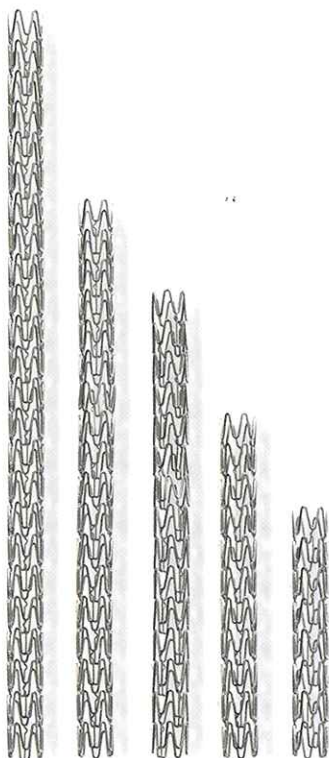
eucatech's special polishing technique creates a smooth and low-thrombogenic stent surface

Delivery System Details

Usable Length:	75 cm / 135 cm
Materials: Balloon:	Polyamide Compound
Shaft:	Polyamide
Balloon Folding:	2-fold balloon (balloon size: 3.0 mm)
	4-fold balloon (balloon size: 4.0 mm – 6.0 mm)
	6-fold balloon (balloon size: 7.0 mm – 8.0 mm)
Marker Bands:	2 Platin-Iridium
Coating:	Hydrophilic
Max. Rec. Guidewire:	0.018" (0.45 mm)



Open cell design
for excellent flexibility
and vessel conformability



Wide range of sizes
Expansion diameter: 3.0 mm – 8.0 mm
Stent lengths: 13, 18, 28, 38 mm

Technical Details Stent

Type of Design:	Slotted Tube Open cell design connected with 3 interlinks per segment
Material:	316 LVM
Expansion range:	3.0 mm – 8.0 mm
Strut Thickness:	0.0055" – 0.0063" / 140 μ m – 160 μ m
Strut Width (Main Segment):	0.0041" – 0.0061" / 110 μ m – 130 μ m
Strut Width (Interlink):	0.0028" – 0.0045" / 70 μ m – 115 μ m
Shortening after Expansion:	< 3 %
Mechanical Recoil:	< 4 %
Metall Coverage:	~ 15 %
Longitudinal Flexibility:	excellent

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Order Information euca PXS

Usable Catheter Length		Stent I.D. at Nominal Pressure	Stent Length	Rec. I.D. Introducer Sheath	Rated Burst Pressure
75 cm	135 cm	[mm]	[mm]	[F]	[bar]
PXS 03/13-075	PXS 03/13-135	3	13	5	17
PXS 03/18-075	PXS 03/18-135	3	18	5	17
PXS 03/28-075	PXS 03/28-135	3	28	5	17
PXS 03/38-075	PXS 03/38-135	3	38	5	17
PXS 04/13-075	PXS 04/13-135	4	13	5	16
PXS 04/18-075	PXS 04/18-135	4	18	5	16
PXS 04/28-075	PXS 04/28-135	4	28	5	16
PXS 04/38-075	PXS 04/38-135	4	38	5	16
PXS 05/13-075	PXS 05/13-135	5	13	6	15
PXS 05/18-075	PXS 05/18-135	5	18	6	15
PXS 05/28-075	PXS 05/28-135	5	28	6	15
PXS 05/38-075	PXS 05/38-135	5	38	6	15
PXS 06/13-075	PXS 06/13-135	6	13	6	14
PXS 06/18-075	PXS 06/18-135	6	18	6	14
PXS 06/28-075	PXS 06/28-135	6	28	6	14
PXS 06/38-075	PXS 06/38-135	6	38	6	14
PXS 07/13-075	PXS 07/13-135	7	13	6	13
PXS 07/18-075	PXS 07/18-135	7	18	6	13
PXS 07/28-075	PXS 07/28-135	7	28	6	13
PXS 07/38-075	PXS 07/38-135	7	38	6	13
PXS 08/13-075	PXS 08/13-135	8	13	6	12
PXS 08/18-075	PXS 08/18-135	8	18	6	12
PXS 08/28-075	PXS 08/28-135	8	28	6	12
PXS 08/38-075	PXS 08/38-135	8	38	6	12

Other shaft lengths and stent lengths on request. Under our continuous R&D program, eucatech reserve's the right to change product specifications without prior notice. Indications, contraindications, warnings and instruction for use can be found in the product box supplied with each device.



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