

CONIC ONE

PTCA BALLOON CATHETER



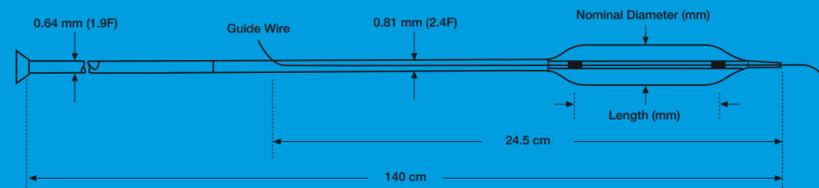
THE CONIC CONCEPT

CONIC ONE

PTCA BALLOON CATHETER

TECHNICAL SPECIFICATIONS

- PTCA Balloon Catheter Rapid Exchange System (Rx)
- Semi-Compliant Balloon
- Balloon material: Polyamide
- Conic balloon diameters: Proximal segment wider than distal segment (see CONIC Product references chart)
- Balloon transition angles: Tapered shoulders at 42°
- Balloon inflation pressures: Nominal 8 ATM/Bars. Rated Burst Pressure (RBP): 18 ATM (16 ATM/Bars for balloons > 4.00 mm)
- Catheter tip entry profile 0.016"
- Catheter length: 140 cms
- Catheter shaft diameters: 1.9 FR (proximal) and 2.4 FR distal
- Compatible Guide wire 0.014"
- Minimal Guiding catheter compatible: 5 FR (0.058 mm)
- Kissing Balloon technique: 2 Conic One balloons on 6FR Guiding Catheter



ORDERING INFORMATION

BALLOON DIAMETER prox. / distal	BALLOON LENGTH					
	15 mm	20 mm	25 mm	30 mm	35 mm	40 mm
1.5 / 1.25 mm	C1-150/125x15	C1-150/125x20	C1-200/150x25	C1-225/175x30	C1-225/175x35	C1-225/175x40
2.0 / 1.75 mm	C1-200/175x15	C1-200/175x20	C1-225/175x25	C1-250/200x30	C1-250/200x35	C1-250/200x40
2.25 / 2.0 mm	C1-225/200x15	C1-225/200x20	C1-250/200x25	C1-275/225x30	C1-275/225x35	C1-275/225x40
2.50 / 2.25 mm	C1-250/225x15	C1-250/225x20	C1-275/225x25	C1-300/250x30	C1-300/250x35	C1-300/250x40
2.75 / 2.5 mm	C1-275/250x15	C1-275/250x20	C1-300/250x25	C1-325/275x30	C1-325/275x35	C1-325/275x40
3.0 / 2.75 mm	C1-300/275x15	C1-300/275x20	C1-325/275x25	C1-350/300x30	C1-350/300x35	C1-350/300x40
3.25 / 3.0 mm	C1-325/300x15	C1-325/300x20	C1-350/300x25	C1-400/350x30	C1-400/350x35	C1-400/350x40
3.5 / 3.25 mm	C1-350/325x15	C1-350/325x20	C1-400/350x25	C1-450/400x30	C1-450/400x35	C1-450/400x40
4.0 / 3.75 mm	C1-400/375x15	C1-400/375x20	C1-450/400x25	-	-	-

For selection of one CONIC Balloon is recommended to choose by the proximal size of balloon of each product code.

Catalogue Nr. 22-0040-2 Rev03



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CONIC ONE

PTCA BALLOON CATHETER



Excellent navigability properties and **BALANCED** pushability, trackability and crossability.

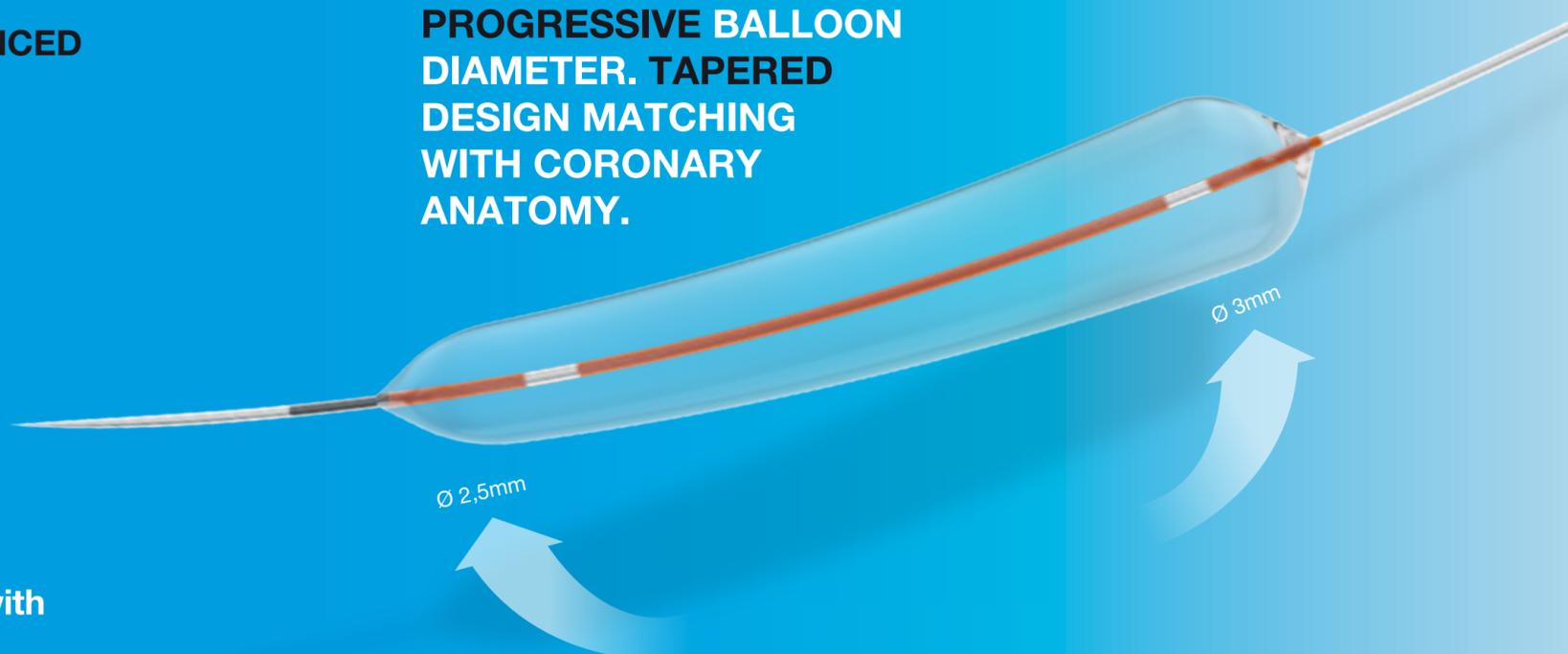
Ideal for **CTO** and **TIGHT** lesions.
 Two small diameters in one single balloon
 1.25mm distal \varnothing and 1.50mm proximal \varnothing
 Low profiles - tip entry and balloon crossing.
 Very thin balloon wall (0.008 mm), very flexible, resistant, fast deflation time.

Selective use on **BIFURCATED** and **LONG** lesions.
 Progressive balloon diameter and wide selection of balloon length - from 15 mm to 40 mm.

Deliver **CENTRAL** and **UNIFORM** dilatation with less risk to cause edge dissection.
 Balloon distal transition angle design: tapered shoulders at 42°

Conical stent post-dilatation.
 Balloon wall very thin, flexible and resistant.

PROGRESSIVE BALLOON DIAMETER. TAPERED DESIGN MATCHING WITH CORONARY ANATOMY.

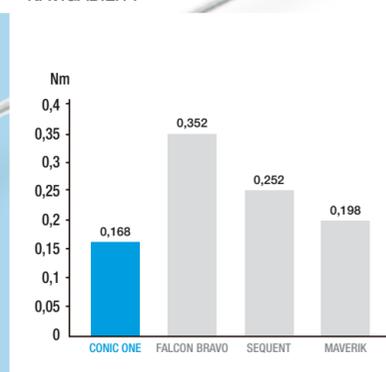


Freedom of motion of guide wire at high pressure balloon inflation. No risk of guide wire collapse.
 Patented design of inner tube at distal catheter segment.

Avoiding balloon “dog bone” effect and potential intima’s injuries.
 Controlled balloon growth even at high inflation pressures.

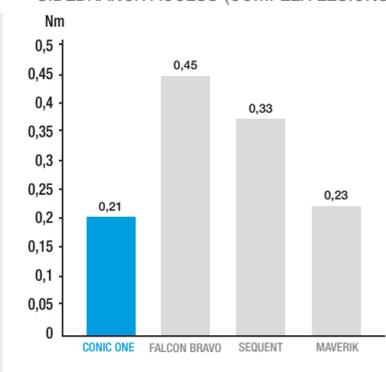
Low friction during navigation and crossability.
 Highly efficient hydrophilic balloon and distal shaft coating.

NAVIGABILITY



(Nm) Average Force needed to get the Target Lesion. Lower Force Value = Better Navigability.

SIDEBRANCH ACCESS (COMPLEX LESIONS)



(Nm) Average Force needed to access to Sidebranches with High Angulation and Complex Lesions. Lower Force Value = Better Tracking.

BALLOON CROSSING PROFILES

BALLOON DIAMETER	PROFILE MILLIMETERS	PROFILE INCHES
1.25 mm	0.56 mm	0.0220"
1.50 mm	0.58 mm	0.0228"
1.75 mm	0.59 mm	0.0232"
2.00 mm	0.60 mm	0.0236"
2.25 mm	0.61 mm	0.0240"
2.50 mm	0.62 mm	0.0244"
2.75 mm	0.64 mm	0.0251"
3.00 mm	0.65 mm	0.0255"
3.25 mm	0.67 mm	0.0263"
3.50 mm	0.68 mm	0.0267"
3.75 mm	0.70 mm	0.0275"
4.00 mm	0.71 mm	0.0279"

BALLOON COMPLIANCE CHART

Pressure (Bar)	1.25 mm	1.5 mm	1.75 mm	2.00 mm	2.25 mm	2.50 mm	2.75 mm	3.00 mm	3.25 mm	3.50 mm	3.75 mm	4.00 mm
4	1.02	1.30	1.53	1.84	1.96	2.36	2.48	2.72	2.84	3.34	3.38	3.66
6	1.23	1.45	1.61	1.92	2.16	2.51	2.68	2.99	3.15	3.49	3.59	3.93
8	1.27	1.54	1.76	2.00	2.26	2.57	2.77	3.06	3.28	3.65	3.77	4.05
10	1.32	1.58	1.83	2.04	2.34	2.62	2.83	3.13	3.35	3.72	3.96	4.13
12	1.35	1.62	1.84	2.09	2.39	2.71	2.93	3.21	3.39	3.81	4.01	4.15
14	1.39	1.67	1.87	2.18	2.42	2.75	2.99	3.26	3.57	3.94	4.11	4.20
16	1.48	1.80	1.92	2.23	2.47	2.81	3.10	3.34	3.61	4.06	4.24	4.29
18	1.61	1.88	1.94	2.28	2.52	2.85	3.25	3.37	3.70	4.13	4.40	4.38
20	1.82	2.08	1.97	2.31	2.70	2.98	3.32	3.40	3.82	4.21	4.50	4.62
Nom	8	8	8	8	8	8	8	8	8	8	8	8
RBP	18	18	18	18	18	18	18	18	18	16	16	16