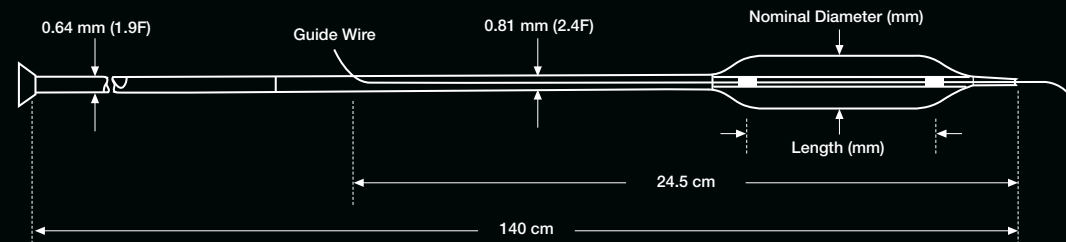


## TECHNICAL SPECIFICATIONS

- PTCA Balloon Catheter Rapid Exchange System (RX)
- Non compliant balloon dilatation catheter
- Balloon material: Polyamide
- Balloon transition Angles: Tapered shoulders at 42°
- Balloon inflation pressures: Nominal 8 ATM/Bars.  
Rated Burst Pressure (RBP): 20 ATM/Bars

- Catheter tip entry profile: 0.016"
- Catheter lenght: 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 (0.058mm)
- Kissing Balloon technique: 2 balloons on 6 FR guiding catheter



## ORDERING INFORMATION

BALLOON DIAMETER	BALLOON LENGHT						
	8 mm	10 mm	12 mm	15 mm	20 mm	25 mm	30 mm
1.50 mm	NC-150-8	NC-150-10	NC-150-12	NC-150-15	NC-150-20	-	-
2.00 mm	NC-200-8	NC-200-10	NC-200-12	NC-200-15	NC-200-20	NC-200-25	-
2.25 mm	NC-225-8	NC-225-10	NC-225-12	NC-225-15	NC-225-20	NC-225-25	NC-225-30
2.50 mm	NC-250-8	NC-250-10	NC-250-12	NC-250-15	NC-250-20	NC-250-25	NC-250-30
2.75 mm	NC-275-8	NC-275-10	NC-275-12	NC-275-15	NC-275-20	NC-275-25	NC-275-30
3.00 mm	NC-300-8	NC-300-10	NC-300-12	NC-300-15	NC-300-20	NC-300-25	NC-300-30
3.25 mm	NC-325-8	NC-325-10	NC-325-12	NC-325-15	NC-325-20	NC-325-25	NC-325-30
3.50 mm	NC-350-8	NC-350-10	NC-350-12	NC-350-15	NC-350-20	NC-350-25	NC-350-30
3.75 mm	NC-375-8	NC-375-10	NC-375-12	NC-375-15	NC-375-20	NC-375-25	NC-375-30
4.00 mm	NC-400-8	NC-400-10	NC-400-12	NC-400-15	NC-400-20	NC-400-25	NC-400-30
4.50 mm	NC-450-8	NC-450-10	NC-450-12	NC-450-15	NC-450-20	-	-
5.00 mm	NC-500-8	NC-500-10	NC-500-12	NC-500-15	NC-500-20	-	-



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SWISS TECHNOLOGY

# NC CLEVER

NON COMPLIANT  
PTCA BALLOON CATHETER



Catalogue Nr: 22-0040-8 Rev:00



# NC CLEVER

NON COMPLIANT PTCA BALLOON CATHETER



## HIGH PRESSURE PTCA balloon catheter.

Adequate pressure resistance (Rated Burst Pressure RBP 20 ATM/Bars).

## Indicated for HARD CALCIFIED lesions and POST-STENT DILATATION.

Optimum tracking & crossing: low profiles-tip entry and balloon crossing profiles (see chart).

Resistant walled balloon, flexible and optimum balloon refolding.

## CONTROLLED balloon compliance to allow PRECISE diameter sizing.

Maximize wall apposition due to NC Balloon performance.

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

Highly efficient hydrophilic balloon and distal shaft coating with very low friction.

## Inflation CENTRAL and UNIFORM dilatation with less risk to cause edge dissection.

Balloon distal transition angle design: tapered shoulders at 42°.

## 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.

BALLOON COMPLIANCE CHART

BAR	1.5 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	4.50 mm	5.00 mm
4	1.48	1.98	2.21	2.44	2.66	2.94	3.21	3.46	3.71	3.93	4.40	4.95
6	1.49	1.99	2.23	2.47	2.72	2.98	3.23	3.49	3.74	3.98	4.48	4.98
8	1.51	2.01	2.25	2.50	2.75	3.00	3.25	3.51	3.76	4.01	4.51	5.02
10	1.52	2.02	2.27	2.52	2.77	3.02	3.28	3.53	3.78	4.05	4.55	5.05
12	1.54	2.04	2.28	2.55	2.79	3.04	3.31	3.56	3.80	4.09	4.58	5.09
14	1.55	2.05	2.30	2.57	2.81	3.07	3.35	3.58	3.81	4.11	4.61	5.13
16	1.57	2.07	2.31	2.59	2.83	3.09	3.37	3.60	3.83	4.13	4.64	5.18
18	1.59	2.09	2.33	2.61	2.85	3.11	3.40	3.63	3.85	4.15	4.66	5.22
20 RBP.	1.60	2.10	2.36	2.63	2.88	3.14	3.44	3.65	3.87	4.18	4.68	5.28
22	1.62	2.12	2.39	2.65	2.91	3.16	3.46	3.67	3.89	4.20	4.71	5.31
30	30	30	30	30	30	30	30	30	28	25	25	25



**NC CLEVER®**  
**LAST GENERATION OF**  
**NC PTCA BALLOON**  
**Predictable balloon compliance**