



# MAGNA

## NON-COMPLIANT DILATATION CATHETER



# EXCEPTIONAL CROSSABILITY WITH CONFIDENCE



Magna NC Non-Compliant Dilatation Catheter is designed to deliver the strength you need where its needed .

## Hydrophilic coating

- » Excellent hydrophilic coating technology, Super slip push.
- » Reduce intraoperative delivery resistance.
- » The delivery system is easy to reach the distal lesions.

## Tip structure

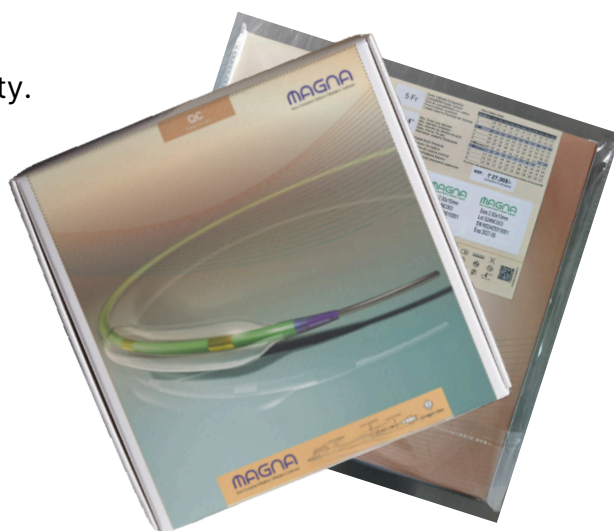
- » With smooth taper tip.
- » Lifting conveyer through tortuous vascular capacity.
- » Reduce the vascular stimulation.

## Fast switching type conveying system

- » Easy operation, reduce operation time, reduce operation risk.
- » Fast switching section of 25 cm.
- » Compatible 0.014 inch micro guide wire.

## Three layer inner tube

- » Reduce the wire pushing resistance, provide support and pressure.



## TECHNICAL SPECIFICATIONS

Catheter Specifications		Balloon Specifications	
Category:	Rapid Exchange balloon catheter	Category:	Non Compliant
Guiding catheter compatibility:	5F	Material:	Polyamide
Guidewire compatibility:	0.014"	X-Ray visibility:	Two platinum markers
Usable catheter length:	142 cm	Nominal Pressure:	12 atm
	Stainless steel AISI 304, low friction hypotube with Teflon coating	Rated Burst Pressure:	22 atm [ 2.00 to 4.50 mm ]
Distal shaft:	Mix Polyamide / PEBA with Hydrophilic coating	Average Burst Pressure:	28 atm
Tip material / entry profile:	PEBA blend / 0.017"		

### TWIN-FOLD SHAPE MEMORY TECHNOLOGY

offers excellent re-warpability for multiple inflation uses.

### THE SPIRAL + COREWIRE TECHNOLOGY

at the proximal shaft increases crossing force, improving access to complex lesions.

### ADVANCED LASER WELDING TECHNOLOGY

to realize seamless connection between head and tube.

### SILICONE RESIN INTO THE GUIDEWIRE LUMEN

to create a smooth, low-friction path for seamless guidewire movement through the catheter.

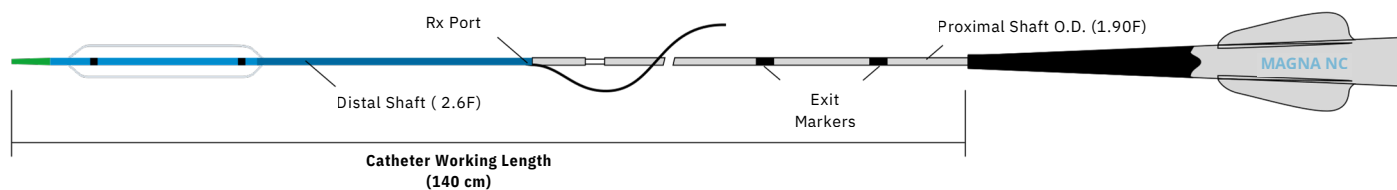
### GOLD-COATED MARKER BANDS

are highly visible, durable, and ideal for precise medical applications, ensuring clarity during imaging.

# ORDERING INFORMATION

Catheter length (cm)	Balloon Working Length (mm)							Guide wire compatibility (inch)
		5	8	10	12	15	18	
140	0.75*	ZMNC07505		ZMNC07510		ZMNC07515		0.014
	0.85*	ZMNC08505		ZMNC08510		ZMNC08515		
	1.00*	ZMNC10005	ZMNC10008	ZMNC10010	ZMNC10012	ZMNC10015	ZMNC25018	
	1.25*	ZMNC12508	ZMNC12508	ZMNC12510	ZMNC12512	ZMNC12515	ZMNC12518	
	1.50*	ZMNC15008	ZMNC15008	ZMNC15010	ZMNC15012	ZMNC15015	ZMNC15018	
	2.00	ZMNC20008	ZMNC20008	ZMNC20010	ZMNC20012	ZMNC20015	ZMNC20018	
	2.25	ZMNC22508	ZMNC22508	ZMNC22510	ZMNC22512	ZMNC22515	ZMNC22518	
	2.50	ZMNC25008	ZMNC25008	ZMNC25010	ZMNC25012	ZMNC25015	ZMNC25018	
	2.75	ZMNC27508	ZMNC27508	ZMNC27510	ZMNC27512	ZMNC27515	ZMNC27518	
	3.00	ZMNC30008	ZMNC30008	ZMNC30010	ZMNC30012	ZMNC30015	ZMNC30018	
	3.25	ZMNC32505	ZMNC32508	ZMNC32510	ZMNC32512	ZMNC32515	ZMNC32518	
	3.50	ZMNC35005	ZMNC35008	ZMNC35010	ZMNC35012	ZMNC35015	ZMNC35018	
	3.75	ZMNC37505	ZMNC37508	ZMNC37510	ZMNC37512	ZMNC37515	ZMNC37518	
	4.00	ZMNC40005	ZMNC40008	ZMNC40010	ZMNC40012	ZMNC40015	ZMNC40018	
	4.50	ZMNC45005	ZMNC45008	ZMNC45010	ZMNC45012	ZMNC45015	ZMNC45018	

\* These balloons can be use for CTO application



## BALLOON DIAMETER (UNIT: MM)

Pressure		Diameter (mm)									
(atm)	(KPa)	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50
6	608.0	1.94	2.18	2.42	2.65	2.89	3.14	3.38	3.61	3.85	4.35
8	810.6	1.96	2.20	2.44	2.69	2.93	3.17	3.42	3.66	3.90	4.40
10	1013.3	1.98	2.23	2.47	2.72	2.96	3.21	3.46	3.70	3.95	4.45
12 (NP)	1215.9	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50
14	1418.6	2.02	2.27	2.53	2.78	3.04	3.29	3.54	3.80	4.05	4.55
16	1621.2	2.04	2.30	2.56	2.81	3.07	3.33	3.58	3.84	4.10	4.60
18	1823.9	2.06	2.32	2.58	2.85	3.11	3.36	3.62	3.89	4.15	4.65
20	2026.5	2.08	2.35	2.61	2.88	3.14	3.40	3.66	3.93	4.20	4.70
22 (RBP)	2229.2	2.10	2.37	2.64	2.91	3.18	3.44	3.70	3.98	4.25	4.76
24	2431.8	2.12	2.39	2.67	2.94	3.22	3.48	3.74	4.03	4.30	4.81
26	2634.5	2.14	2.42	2.70	2.97	3.25	3.52	3.78	4.07	4.35	4.87

\* Nominal Pressure. The nominal in vitro device specifications do not take into account any lesion resistance.\* \*Rated Burst Pressure. Do not exceed RBP.