

# MSM CIS CoCr

## *Coronary Stent System*

- Easy Deliverability
- Perfect Side Branch Access
- Less Trombogenic Surface
- Diameter up to 5.0 mm
- Wide Range of Sizes

**CORONARY  
INTERVENTION**



**Micro  
Science  
Medical**

*Designed by Science. Made in Germany*

[www.msm-ag.com](http://www.msm-ag.com)

### Stent Specifications

Type of design	Open-cell, 3 interlinks	
Design details	9 crowns	
Material	Cobalt Chromium L605	
Expansion range	2.25 mm - 5.00 mm	
Strut thickness	Ø2.25 - 4.0	0.0026" (65 µm)
	Ø4.50 - 5.0	0.0042" (107 µm)
Strut width (main segment)	Ø2.25 - 4.0	0.0028" (72 µm)
	Ø4.50 - 5.0	0.0043" (110 µm)
Strut width (interlink)	Ø2.25 - 4.0	0.0023" (58 µm)
	Ø4.50 - 5.0	0.0029" (73 µm)
Foreshortening	< 2.5%	
Mechanical recoil	< 6%	
Metal coverage	< 13.6%	

### Delivery System Specifications

Catheter type	Rapid exchange	
Recommended guiding catheter	5 F (min. I.D. 0.056")	
Material	Balloon	Proprietary polyamide compound
	Distal shaft	Polyamide, multilayer tube
	Proximal shaft	Hydrophilic coating
Shaft size	Proximal	Stainless steel, PTFE coated
	Distal	1.9 F
Folding	2.25 - 4.00 mm	2.8 - 3.0 F, depending on balloon-Ø
	4.50 - 5.00 mm	3-fold balloon
Marker bands	5-fold balloon	
Tip entry profile	Embedded Platinum / Iridium	
Max. guidewire	0.017" (0.43 mm)	
	0.014" (0.36 mm)	

### Compliance Chart

Pressure [MPa / bar]	Stent I.D. [mm]									
	2.25	2.50	2.75	3.00	3.25	3.50	4.00	4.50	5.00	
0.8 / 8	2.25	2.50	2.75	3.00	3.25	3.50	4.00	4.50	5.00	
0.9 / 9	2.27	2.53	2.78	3.03	3.28	3.55	4.04	4.56	5.05	
1.0 / 10	2.29	2.56	2.81	3.06	3.32	3.59	4.09	4.60	5.09	
1.1 / 11	2.32	2.59	2.84	3.09	3.35	3.62	4.12	4.64	5.13	
1.2 / 12	2.34	2.62	2.86	3.12	3.38	3.65	4.15	4.68	5.16	
1.3 / 13	2.36	2.65	2.89	3.14	3.41	3.69	4.19	4.72	5.20	
1.4 / 14	2.38	2.68	2.91	3.17	3.44	3.72	4.23	4.76	5.23	
1.5 / 15	2.40	2.71	2.94	3.20	3.47	3.76	4.27	4.81	5.27	
1.6 / 16	2.42	2.74	2.97	3.22	3.50	3.80	4.31	-	-	
1.7 / 17	2.45	2.78	3.00	3.25	3.53	-	-	-	-	
1.8 / 18	2.47	2.82	3.03	-	-	-	-	-	-	
1.9 / 19	2.49	-	-	-	-	-	-	-	-	
Nominal Pressure	0.8 MPa / 8 bar					Rated Burst Pressure		Do not exceed		

### Order Information

Stent I.D.	Stent length									
	8 mm	10 mm	13 mm	16 mm	18 mm	23 mm	28 mm	33 mm	38 mm	
2.25 mm	CISC22508	CISC22510	CISC22513	CISC22516	CISC22518	CISC22523	-	-	-	
2.50 mm	CISC25008	CISC25010	CISC25013	CISC25016	CISC25018	CISC25023	CISC25028	-	-	
2.75 mm	CISC27508	CISC27510	CISC27513	CISC27516	CISC27518	CISC27523	CISC27528	CISC27533	-	
3.00 mm	CISC30008	CISC30010	CISC30013	CISC30016	CISC30018	CISC30023	CISC30028	CISC30033	CISC30038	
3.25 mm	CISC32508	CISC32510	CISC32513	CISC32516	CISC32518	CISC32523	CISC32528	CISC32533	CISC32538	
3.50 mm	CISC35008	CISC35010	CISC35013	CISC35016	CISC35018	CISC35023	CISC35028	CISC35033	CISC35038	
4.00 mm	CISC40008	CISC40010	CISC40013	CISC40016	CISC40018	CISC40023	CISC40028	CISC40033	CISC40038	
4.50 mm	-	-	CISC45013	CISC45016	CISC45018	CISC45023	CISC45028	CISC45033	CISC45038	
5.00 mm	-	-	CISC50013	CISC50016	CISC50018	CISC50023	CISC50028	CISC50033	CISC50038	