

$\Omega$ mm <sup>2</sup> /m 1.35	D (mm)	r $\Omega$ /m	C (w/mm <sup>2</sup> )	Io (A)	RESISTENZA (ohm) ----- volt																						
					0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	
kanthalD	0.14	87.7	0.30	1.23	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7
			0.35	1.32	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8	4.0
			0.40	1.42	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.2
			0.45	1.50	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5
kanthalD	0.15	76.4	0.30	1.36	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.9	3.0	3.1	3.3	3.4	3.5	3.7	3.8	3.9	4.1
			0.35	1.47	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4
			0.40	1.57	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.6	4.7
			0.45	1.67	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0
kanthalD	0.16	67.1	0.30	1.50	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5
			0.35	1.62	1.3	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.4	4.5	4.7	4.9
			0.40	1.73	1.4	1.6	1.7	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2
			0.45	1.84	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.8	5.0	5.1	5.3	5.5
kanthalD	0.17	59.5	0.30	1.64	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.4	3.6	3.8	3.9	4.1	4.3	4.4	4.6	4.8	4.9
			0.35	1.77	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3
			0.40	1.89	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.3	5.5	5.7
			0.45	2.01	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0
kanthalD	0.18	53.1	0.30	1.79	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.8	3.9	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.4
			0.35	1.93	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
			0.40	2.06	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	5.0	5.2	5.4	5.6	5.8	6.0	6.2
			0.45	2.19	1.8	2.0	2.2	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.2	4.4	4.6	4.8	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.6
kanthalD	0.19	47.6	0.30	1.94	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8
			0.35	2.09	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3
			0.40	2.24	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7	5.0	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7
			0.45	2.38	1.9	2.1	2.4	2.6	2.9	3.1	3.3	3.6	3.8	4.0	4.3	4.5	4.8	5.0	5.2	5.5	5.7	5.9	6.2	6.4	6.7	6.9	7.1
kanthalD	0.20	43.0	0.30	2.09	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	
			0.35	2.26	1.8	2.0	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.1	4.3	4.5	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.6	6.8
			0.40	2.42	1.9	2.2	2.4	2.7	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3	5.6	5.8	6.0	6.3	6.5	6.8	7.0	7.3
			0.45	2.56	2.1	2.3	2.6	2.8	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	
kanthalD	0.22	35.5	0.30	2.42	1.9	2.2	2.4	2.7	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3	5.6	5.8	6.0	6.3	6.5	6.8	7.0	7.3
			0.35	2.61	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7	5.0	5.2	5.5	5.7	6.0	6.3	6.5	6.8	7.0	7.3	7.6	7.8
			0.40	2.79	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.3	7.5	7.8	8.1	8.4
			0.45	2.96	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9
kanthalD	0.25	27.5	0.30	2.93	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8
			0.35	3.16	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.1	5.4	5.7	6.0	6.3	6.6	7.0	7.3	7.6	7.9	8.2	8.5	8.9	9.2	9.5
			0.40	3.38	2.7	3.0	3.4	3.7	4.1	4.4	4.7	5.1	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.8	8.1	8.4	8.8	9.1	9.5	9.8	10
			0.45	3.58	2.9	3.2	3.6	3.9	4.3	4.7	5.0	5.4	5.7	6.1	6.5	6.8	7.2	7.5	7.9	8.2	8.6	9.0	9.3	9.7	10	10	11
kanthalD	0.28	21.9	0.30	3.47	2.8	3.1	3.5	3.8	4.2	4.5	4.9	5.2	5.6	5.9	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10	10
			0.35	3.75	3.0	3.4	3.7	4.1	4.5	4.9	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.9	8.2	8.6	9.0	9.4	9.7	10	10	11	11
			0.40	4.01	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10	10	11	11	12	12
			0.45	4.25	3.4	3.8	4.3	4.7	5.1	5.5	6.0	6.4	6.8	7.2	7.7	8.1	8.5	8.9	9.4	9.8	10	11	11	11	12	12	13
kanthalD	0.29	20.4	0.30	3.66	2.9	3.3	3.7	4.0	4.4	4.8	5.1	5.5	5.9	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10	11	11
			0.35	3.95	3.2	3.6	4.0	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10	11	11	11	12
			0.40	4.23	3.4	3.8	4.2	4.6	5.1	5.5	5.9	6.3	6.8	7.2	7.6	8.0	8.5										

$\Omega \text{ mm}^2/\text{m}$	xs		De (mm)	r $\Omega/\text{m}$	C (w/mm <sup>2</sup> )	Io (A)	RESISTENZA (ohm) ----- volt																							
	mm	mm					0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	
kanthalD ribbon	0.30	0.10	0.25	45.00	0.30	2.31	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2	6.5	6.7	6.9	
					0.35	2.49	2.0	2.2	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5	6.7	7.0	7.2	7.5	
					0.40	2.67	2.1	2.4	2.7	2.9	3.2	3.5	3.7	4.0	4.3	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.7	6.9	7.2	7.5	7.7	8.0	
					0.45	2.83	2.3	2.5	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.5	6.8	7.1	7.4	7.6	7.9	8.2	8.5	
kanthalD ribbon	0.30	0.15	0.29	30.00	0.30	3.00	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	
					0.35	3.24	2.6	2.9	3.2	3.6	3.9	4.2	4.5	4.9	5.2	5.5	5.8	6.2	6.5	6.8	7.1	7.5	7.8	8.1	8.4	8.7	9.1	9.4	9.7	
					0.40	3.46	2.8	3.1	3.5	3.8	4.2	4.5	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10	10	
					0.45	3.67	2.9	3.3	3.7	4.0	4.4	4.8	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.5	8.8	9.2	9.6	9.9	10	11	11	
kanthalD ribbon	0.40	0.10	0.32	33.75	0.30	2.98	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.0	8.3	8.6	8.9	
					0.35	3.22	2.6	2.9	3.2	3.5	3.9	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.8	7.1	7.4	7.7	8.1	8.4	8.7	9.0	9.3	9.7	
					0.40	3.44	2.8	3.1	3.4	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.9	7.2	7.6	7.9	8.3	8.6	9.0	9.3	9.6	10	10	
					0.45	3.65	2.9	3.3	3.7	4.0	4.4	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.3	7.7	8.0	8.4	8.8	9.1	9.5	9.9	10	11	11	
kanthalD ribbon	0.50	0.10	0.38	27.00	0.30	3.65	2.9	3.3	3.7	4.0	4.4	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.3	7.7	8.0	8.4	8.8	9.1	9.5	9.9	10	11	11	
					0.35	3.94	3.2	3.5	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10	11	11	12	12	
					0.40	4.22	3.4	3.8	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.2	7.6	8.0	8.4	8.9	9.3	9.7	10	11	11	11	12	12	13	
					0.45	4.47	3.6	4.0	4.5	4.9	5.4	5.8	6.3	6.7	7.2	7.6	8.0	8.5	8.9	9.4	9.8	10	11	11	12	12	13	13	13	
kanthalD ribbon	0.60	0.10	0.45	22.50	0.30	4.32	3.5	3.9	4.3	4.8	5.2	5.6	6.0	6.5	6.9	7.3	7.8	8.2	8.6	9.1	9.5	9.9	10	11	11	12	12	13	13	13
					0.35	4.67	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7.0	7.5	7.9	8.4	8.9	9.3	9.8	10	11	11	12	12	13	13	14	14	14
					0.40	4.99	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10	10	11	11	12	12	13	13	14	14	15	
					0.45	5.29	4.2	4.8	5.3	5.8	6.3	6.9	7.4	7.9	8.5	9.0	9.5	10	11	11	12	12	13	13	14	14	15	15	16	
kanthalD ribbon	0.70	0.10	0.51	19.29	0.30	4.99	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10	10	11	11	12	12	13	13	14	14	14	
					0.35	5.39	4.3	4.8	5.4	5.9	6.5	7.0	7.5	8.1	8.6	9.2	9.7	10	11	11	12	12	13	13	14	14	15	15	16	
					0.40	5.76	4.6	5.2	5.8	6.3	6.9	7.5	8.1	8.6	9.2	9.8	10	11	12	12	13	13	14	14	15	15	16	16	17	
					0.45	6.11	4.9	5.5	6.1	6.7	7.3	7.9	8.6	9.2	9.8	10	11	12	12	13	13	14	15	15	16	16	17	18	18	

$\Omega$ mm <sup>2</sup> /m 1.45	D (mm)	r $\Omega$ /m	C (w/mm <sup>2</sup> )	Io (A)	RESISTENZA (ohm) ----- volt																							
					0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8			
kanthalA1	0.14	94.2	0.30	1.18	0.9	1.1	1.2	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.6	
			0.35	1.28	1.0	1.2	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8	
			0.40	1.37	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	
			0.45	1.45	1.2	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3	
kanthalA1	0.15	82.1	0.30	1.31	1.0	1.2	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.7	3.8	3.9	
			0.35	1.42	1.1	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	
			0.40	1.52	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	
			0.45	1.61	1.3	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5	3.7	3.9	4.0	4.2	4.3	4.5	4.7	4.8	
kanthalA1	0.16	72.1	0.30	1.45	1.2	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.2	4.3	
			0.35	1.56	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.1	4.2	4.4	4.5	4.7	
			0.40	1.67	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	
			0.45	1.77	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3	
kanthalA1	0.17	63.9	0.30	1.58	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.4	4.6	4.8
			0.35	1.71	1.4	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3
			0.40	1.83	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.5	
			0.45	1.94	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	
kanthalA1	0.18	57.0	0.30	1.73	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.7	4.8	5.0	5.2
			0.35	1.86	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	
			0.40	1.99	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	
			0.45	2.11	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	
kanthalA1	0.19	51.1	0.30	1.87	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	
			0.35	2.02	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	
			0.40	2.16	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.8	6.1	6.3	6.5	
			0.45	2.29	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.3	5.5	5.7	6.0	6.2	6.4	6.6	6.9	7.2
kanthalA1	0.20	46.2	0.30	2.02	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.3	5.5	5.7	5.9	6.1	
			0.35	2.18	1.7	2.0	2.2	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.5	
			0.40	2.33	1.9	2.1	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.7	4.9	5.1	5.4	5.6	5.8	6.1	6.3	6.5	6.8	7.0	
			0.45	2.47	2.0	2.2	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	
kanthalA1	0.22	38.1	0.30	2.33	1.9	2.1	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.7	4.9	5.1	5.4	5.6	5.8	6.1	6.3	6.5	6.8	7.0	
			0.35	2.52	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5	5.8	6.0	6.3	6.6	6.8	7.1	7.3	7.6	
			0.40	2.69	2.2	2.4	2.7	3.0	3.2	3.5	3.8	4.0	4.3	4.6	4.8	5.1	5.4	5.7	5.9	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.1	
			0.45	2.86	2.3	2.6	2.9	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.1	7.4	7.7	8.0	8.3	8.6	
kanthalA1	0.25	29.5	0.30	2.83	2.3	2.5	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.4	5.7	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.5	
			0.35	3.05	2.4	2.7	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.9	9.2	
			0.40	3.26	2.6	2.9	3.3	3.6	3.9	4.2	4.6	4.9	5.2	5.5	5.9	6.2	6.5	6.9	7.2	7.5	7.8	8.2	8.5	8.8	9.1	9.5	9.8	
			0.45	3.46	2.8	3.1	3.5	3.8	4.2	4.5	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.0	9.3	9.7	10	10	
kanthalA1	0.28	23.5	0.30	3.35	2.7	3.0	3.4	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.4	6.7	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.4	9.7	10	11
			0.35	3.62	2.9	3.3	3.6	4.0	4.3	4.7	5.1	5.4	5.8	6.2	6.5	6.9	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10	10	11	12	12
			0.40	3.87	3.1	3.5	3.9	4.3	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.7	8.1	8.5	8.9	9.3	9.7	10	10	11	11	12	12
			0.45	4.10	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.2	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.4	9.9	10	11	11	12	12	13	14
kanthalA1	0.30	20.5	0.30	3.71	3.0	3.3	3.7	4.1	4.5	4.8	5.2	5.6	5.9	6.3	6.7	7.1	7.4	7.8	8.2	8.5	8.9	9.3	9.7	10	10	11	11	12
			0.35	4.01	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10	10	11	11	12	12	
			0.40	4.29	3.4	3.9																						

$\Omega$ mm <sup>2</sup> /m	xs		De (mm)	r $\Omega$ /m	C (w/mm <sup>2</sup> )	Io (A)	RESISTENZA (ohm) ----- volt																							
	mm	mm					0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	
kanthalA ribbon	0.30	0.10	0.25	46.33	0.30	2.28	1.8	2.0	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.4	6.6	6.8	
					0.35	2.46	2.0	2.2	2.5	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.7	5.9	6.1	6.4	6.6	6.9	7.1	7.4	
					0.40	2.63	2.1	2.4	2.6	2.9	3.2	3.4	3.7	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.6	6.8	7.1	7.4	7.6	7.9	
					0.45	2.79	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.2	7.5	7.8	8.1	8.4	
kanthalA ribbon	0.30	0.15	0.29	30.89	0.30	2.96	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9	
					0.35	3.19	2.6	2.9	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4	5.7	6.1	6.4	6.7	7.0	7.3	7.7	8.0	8.3	8.6	8.9	9.3	9.6	
					0.40	3.41	2.7	3.1	3.4	3.8	4.1	4.4	4.8	5.1	5.5	5.8	6.1	6.5	6.8	7.2	7.5	7.9	8.2	8.5	8.9	9.2	9.6	9.9	10	
					0.45	3.62	2.9	3.3	3.6	4.0	4.3	4.7	5.1	5.4	5.8	6.2	6.5	6.9	7.2	7.6	8.0	8.3	8.7	9.1	9.4	9.8	10	11	11	
kanthalA ribbon	0.40	0.10	0.32	34.75	0.30	2.94	2.4	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.5	8.8	
					0.35	3.17	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.7	7.0	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	
					0.40	3.39	2.7	3.1	3.4	3.7	4.1	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.8	7.1	7.5	7.8	8.1	8.5	8.8	9.2	9.5	9.8	10	
					0.45	3.60	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.2	7.6	7.9	8.3	8.6	9.0	9.4	9.7	10	10	11	
kanthalA ribbon	0.50	0.10	0.38	27.80	0.30	3.60	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.2	7.6	7.9	8.3	8.6	9.0	9.4	9.7	10	10	11	
					0.35	3.89	3.1	3.5	3.9	4.3	4.7	5.1	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2	8.6	8.9	9.3	9.7	10	10	11	11	12	
					0.40	4.16	3.3	3.7	4.2	4.6	5.0	5.4	5.8	6.2	6.6	7.1	7.5	7.9	8.3	8.7	9.1	9.6	10	10	11	11	12	12	12	
					0.45	4.41	3.5	4.0	4.4	4.8	5.3	5.7	6.2	6.6	7.1	7.5	7.9	8.4	8.8	9.3	9.7	10	11	11	12	12	13	13		
kanthalA ribbon	0.60	0.10	0.45	23.17	0.30	4.26	3.4	3.8	4.3	4.7	5.1	5.5	6.0	6.4	6.8	7.2	7.7	8.1	8.5	8.9	9.4	9.8	10	11	11	11	12	12	13	
					0.35	4.60	3.7	4.1	4.6	5.1	5.5	6.0	6.4	6.9	7.4	7.8	8.3	8.7	9.2	9.7	10	11	11	11	12	12	13	13	14	
					0.40	4.92	3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.8	9.3	9.8	10	11	11	12	12	13	13	14	14	15	
					0.45	5.21	4.2	4.7	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.9	9.4	9.9	10	11	11	12	13	13	14	14	15	15	16	
kanthalA ribbon	0.70	0.10	0.51	19.86	0.30	4.92	3.9	4.4	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.8	9.3	9.8	10	11	11	12	12	13	13	14	14	14	15
					0.35	5.31	4.2	4.8	5.3	5.8	6.4	6.9	7.4	8.0	8.5	9.0	9.6	10	11	11	12	12	13	13	14	14	15	15	16	16
					0.40	5.68	4.5	5.1	5.7	6.2	6.8	7.4	7.9	8.5	9.1	9.7	10	11	11	12	12	13	13	14	14	15	15	16	16	17
					0.45	6.02	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6	10	11	11	12	13	13	14	14	15	15	16	16	17	17	18

$\Omega \text{ mm}^2/\text{m}$	D (mm)	r $\Omega/\text{m}$	C (w/mm <sup>2</sup> )	Io (A)	RESISTENZA (ohm) ----- volt																							
1.09					0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	
Nikrothal80	0.14	70.8	0.30	1.37	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	
			0.35	1.47	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	
			0.40	1.58	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.3	4.4	4.6	4.7	
			0.45	1.67	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	
Nikrothal80	0.15	61.7	0.30	1.51	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	
			0.35	1.63	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.5	2.6	2.8	2.9	3.1	3.3	3.4	3.6	3.8	3.9	4.1	4.3	4.4	4.6	4.7	4.9	
			0.40	1.75	1.4	1.6	1.7	1.9	2.1	2.3	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.2	
			0.45	1.85	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.2	5.4	5.6	
Nikrothal80	0.16	54.2	0.30	1.67	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	
			0.35	1.80	1.4	1.6	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.4	
			0.40	1.93	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	
			0.45	2.04	1.6	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	
Nikrothal80	0.17	48.0	0.30	1.83	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.5	
			0.35	1.97	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	
			0.40	2.11	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	
			0.45	2.24	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.3	6.5	6.7	
Nikrothal80	0.18	42.8	0.30	1.99	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	
			0.35	2.15	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.5	
			0.40	2.30	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.1	5.3	5.5	5.7	6.0	6.2	6.4	6.7	6.9	
			0.45	2.44	2.0	2.2	2.4	2.7	2.9	3.2	3.4	3.7	3.9	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.1	6.3	6.6	6.8	7.1	7.3	
Nikrothal80	0.19	38.4	0.30	2.16	1.7	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.3	6.5	
			0.35	2.33	1.9	2.1	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.1	6.3	6.5	6.8	7.0
			0.40	2.49	2.0	2.2	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.5	6.7	7.0	7.2	7.5
			0.45	2.64	2.1	2.4	2.6	2.9	3.2	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.3	5.6	5.8	6.1	6.3	6.6	6.9	7.1	7.4	7.7	7.9	
Nikrothal80	0.20	34.7	0.30	2.33	1.9	2.1	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.7	4.9	5.1	5.4	5.6	5.8	6.1	6.3	6.5	6.8	7.0	
			0.35	2.52	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.6	
			0.40	2.69	2.2	2.4	2.7	3.0	3.2	3.5	3.8	4.0	4.3	4.6	4.8	5.1	5.4	5.7	5.9	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.1	
			0.45	2.85	2.3	2.6	2.9	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.1	7.4	7.7	8.0	8.3	8.6	
Nikrothal80	0.22	28.7	0.30	2.69	2.2	2.4	2.7	3.0	3.2	3.5	3.8	4.0	4.3	4.6	4.8	5.1	5.4	5.6	5.9	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.1	
			0.35	2.90	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.7	
			0.40	3.10	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.3	
			0.45	3.29	2.6	3.0	3.3	3.6	4.0	4.3	4.6	4.9	5.3	5.6	5.9	6.3	6.6	6.9	7.2	7.6	7.9	8.2	8.6	8.9	9.2	9.5	9.9	
Nikrothal80	0.25	22.2	0.30	3.26	2.6	2.9	3.3	3.6	3.9	4.2	4.6	4.9	5.2	5.5	5.9	6.2	6.5	6.8	7.2	7.5	7.8	8.1	8.5	8.8	9.1	9.4	9.8	
			0.35	3.52	2.8	3.2	3.5	3.9	4.2	4.6	4.9	5.3	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.1	8.4	8.8	9.1	9.5	9.9	10	11	
			0.40	3.76	3.0	3.4	3.8	4.1	4.5	4.9	5.3	5.6	6.0	6.4	6.8	7.1	7.5	7.9	8.3	8.7	9.0	9.4	9.8	10	11	11	11	
			0.45	3.99	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8	9.2	9.6	10	10	11	11	12	12	
Nikrothal80	0.28	17.7	0.30	3.86	3.1	3.5	3.9	4.2	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10	10	11	11	12	
			0.35	4.17	3.3	3.8	4.2	4.6	5.0	5.4	5.8	6.3	6.7	7.1	7.5	7.9	8.3	8.8	9.2	9.6	10	10	11	11	12	12	13	
			0.40	4.46	3.6	4.0	4.5	4.9	5.4	5.8	6.2	6.7	7.1	7.6	8.0	8.5	8.9	9.4	9.8	10	11	11	12	12	13	13		
			0.45	4.73	3.8	4.3	4.7	5.2	5.7	6.1	6.6	7.1	7.6	8.0	8.5	9.0	9.5	9.9	10	11	11	12	12	13	13	14	14	

**0.30** w/mm<sup>2</sup> sistemi "top coil" con resistenza in alto (Genesis, Vivi Nova, etc....)

**0.35** w/mm<sup>2</sup> sistemi "top coil" con resistenza in alto con grande apporto di liquido alla coil

**0.40** w/mm<sup>2</sup> sistemi "bottom coil" con resistenza in basso (atom da dripping, kanger, etc...)

**0.45** w/mm<sup>2</sup> sistemi "bottom coil" con resistenza in basso e grande apporto di liquido alla coil