

CONTENT OF CORE SAMPLE-KIT VITROPERM®

Nominal Core Dimensions $D_a \times D_i \times H$ mm x mm x mm	Limiting Dimensions (incl. coating)			Iron Cross Section A_{Fe} cm ²	Mean Path length l_{Fe} cm	Weight m_{Fe} g	A_L^*		Saturation Current I_{cm}^{**} , typical		Part Number
	OD mm	ID mm	H mm				10 kHz nominal μH	100 kHz	10 kHz 100 kHz A		
25 x 20 x 10	27.3	17.5	12.3	0.19	7.1	9.9	22.5	7.2	0.7	1.4	T60004-L2025-W622
9.8 x 6.5 x 4.5	11.2	5.1	5.8	0.06	2.6	1.1	25.5	6.4	0.2	0.4	T60006-L2009-W914
12 x 8 x 4.5	14.1	6.6	6.3	0.07	3.1	1.7	28.0	6.8	0.2	0.4	T60006-L2012-W902
12.5 x 10 x 5	14.3	8.5	7.0	0.05	3.5	1.3	10.0	3.6	0.4	0.8	T60006-L2012-W498
15 x 10 x 4.5	17.1	7.9	6.5	0.09	3.9	2.6	27.0	6.7	0.3	0.5	T60006-L2015-W865
16 x 10 x 6	17.9	8.1	8.1	0.14	4.1	4.3	43.0	10.1	0.3	0.6	T60006-L2016-W403
17.5 x 12.6 x 6	19.0	11.0	8.0	0.12	4.7	4.1	30.0	6.9	0.3	0.7	T60006-L2017-W515
19 x 15 x 10	21.2	13.0	12.3	0.16	5.3	6.3	36.1	8.8	0.4	0.7	T60006-L2019-W838
20 x 12.5 x 8	22.6	10.3	10.2	0.24	5.1	9.0	55.2	13.6	0.4	0.7	T60006-L2020-W409
25 x 16 x 10	27.9	13.6	12.5	0.36	6.4	17.0	65.5	15.5	0.4	0.9	T60006-L2025-W380
25 x 20 x 10	27.6	17.4	12.8	0.20	7.1	10.4	28.4	7.3	0.6	1.1	T60006-L2025-W523
30 x 20 x 10	32.8	17.6	12.5	0.40	7.9	23.1	59.3	14.0	0.5	1.0	T60006-L2030-W423
30 x 20 x 15	32.8	17.5	17.8	0.57	7.9	32.9	88.0	20.0	0.5	1.1	T60006-L2030-W514
40 x 25 x 15	43.1	22.5	18.5	0.86	10.2	64.4	12.5	10.9	5.7	6.6	T60006-L2045-V296
40 x 25 x 15	43.1	22.5	18.5	0.86	10.2	64.2	25.4	17.2	2.9	4.2	T60006-L2040-W453
40 x 25 x 15	43.1	22.5	18.5	0.86	10.2	64.2	101.0	23.1	0.7	1.4	T60006-L2040-W424
40 x 32 x 15	43.1	28.7	18.5	0.46	11.3	37.9	12.2	7.9	3.7	5.1	T60006-L2040-W452
40 x 32 x 15	43.1	28.7	18.5	0.46	11.3	37.9	47.2	11.1	0.8	1.5	T60006-L2040-W422
45 x 30 x 15	48.3	26.4	18.2	0.86	11.8	74.0	15.7	14.3	4.6	5.8	T60006-L2045-V101
45 x 30 x 15	48.3	26.4	18.2	0.86	11.8	74.0	87.5	20.3	0.8	1.6	T60006-L2045-V102

* A_L = inductance for $N = 1$ (tolerance +45% / -25%)

** I_{cm} : The listed saturation currents are guidelines, only. They are calculated for nominal core dimensions at room temperature and for approx. 70% saturation flux density.

VACUUMSCHMELZE GMBH & CO. KG

Grüner Weg 37 • D 63450 Hanau / Germany

Phone +49 6181 380 • info@vacuumschmelze.com • www.vacuumschmelze.com

ADVANCED MAGNETIC SOLUTIONS



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V296	W498 W865 W902 W914	W403 W515	W409 W838
W523 W380	W423 W514	W452	W453
W622 W422	W424	V101	V102