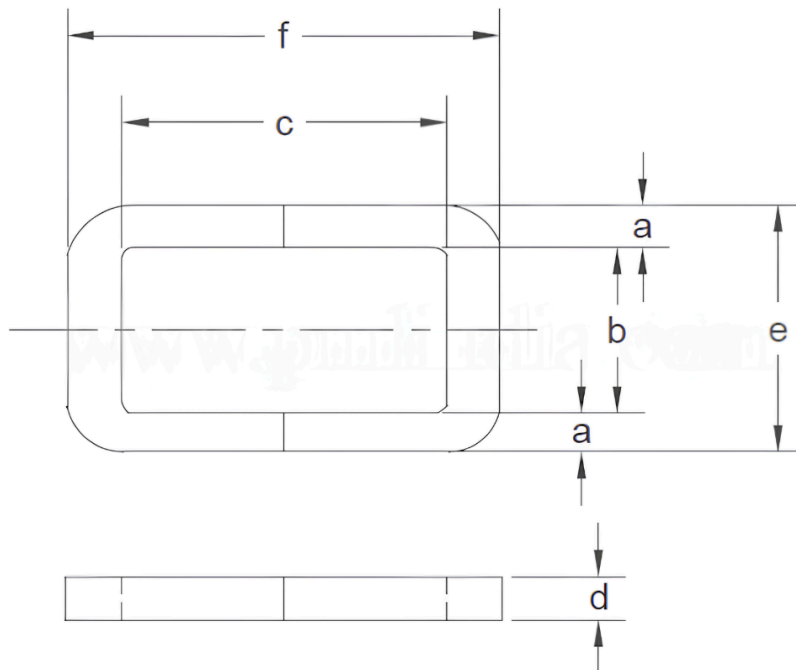


Since 1960

PML Permanent Magnets Limited

Standard Sizes and Geometries - Amorphous Cut Core

Full table retained as-is for precision. Additional rows available in full dataset.



- a, b, c, d, e, f: Core dimensions in mm
- **Le**: Effective magnetic length
- **Ae**: Effective magnetic area
- **M**: Core mass
- **Vol**: Volume = $Le \times Ae$
- **Wa**: Window area
- **WaAe**: Area product (A_p)



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Part Ref. No.	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	Le (cm)	Ae (cm ²)	M (g)	VOL (cm ³)	Wa (cm ²)	Wa Ae (cm ⁴)
CC-A2 0-6.3	10±0.5	11	33	20+0.5	31+1	53+2	13.1	1.59	150	20.9	3.6	5.8
CC-A2 0-8	11±0.8	13	30	20+0.5	35+1	52+2	13.2	1.79	170	23.7	3.9	7
CC-A2 0-10	11±0.8	13	40	20+0.5	35+1	62+2	15.4	1.81	200	27.9	5.2	9.4
CC-A2 5-16A	11±0.8	13	40	25+0.5	35+1	62+2	15.1	2.31	250	34.8	5.2	12
CC-A2 5-16B	11±0.8	13	50	25+0.5	35+1	72+2	16.9	2.31	280	38	6.5	15
CC-A3 0-20	11±0.8	13	50	30+0.5	35+1	72+2	17.5	2.71	340	47.4	6.5	17.6
CC-A2 5-25	13±0.8	15	56	25+0.5	41+1	82+2	19.6	2.7	380	52.9	8.4	22.7
CC-A3 0-32	13±0.8	15	56	30+0.5	41+1	82+2	20	3.2	460	64.1	8.4	26.9
CC-A3 5-40	13±0.8	15	56	35+0.5	41+1	82+2	19.9	3.71	530	73.8	8.4	31.2
CC-A2 5-50	16±1	20	70	25+0.5	52+1	102+3	24.9	3.3	590	82.2	14	46.2
CC-A3 0-63	16±1	20	70	30+0.5	52+1	102+3	25.3	3.91		98.9	14	54.7
CC-A4 5-100	16±1	20	70	45+1	52+1	102+3	25	5.91	1060	148	14	82.7
CC-A3 5-125	19±1	25	83	35+1	63+1	121+3	30.2	5.4	1170	163	20.8	112
CC-A4 0-160	19±1	25	83	40+1	63+1	121+3	28.5	6.5	1330	185	20.8	135



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Part Ref. No.	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	Le (cm)	Ae (cm ²)	M (g)	VOL (cm ³)	Wa (cm ²)	Wa Ae (cm ⁴)
CC-A5 0-200	19±1	25	83	50+1	63+1	121+3	29.8	7.81	1670	233	20.8	162
CC-A6 0-250	19±1	25	90	60+1	63+1	128+3	31.4	9.31	2100	292	22.5	210
CC-A5 0-320	22±1	35	85	50+1	79+1	129+4	32.5	9.3	2170	302	29.8	277
CC-A6 5-400	22±1	35	85	65+1	79+1	129+4	33.6	11.70	2820	393	29.8	348
CC-A5 5-500	25±1	40	85	55+1	90+1	135+4	35.6	11.3	2900	404	34	386
CC-A7 0-630	25±1	40	85	70+1	90+1	135+4	35.6	14.4	3670	511	34	488
CC-A8 5-800A	25±1	40	85	85±1.5	90+1	135+4	35.6	17.4	4450	620	34	592
CC-A8 5-800B	30±1	40	95	85±1.5	100+1	155+4	39.3	21	5930	826	38	799
CC-A8 5-1000	33±1	40	105	85±1.5	106+1	171+5	42.7	23	7060	983	42	967
CC-A2 0-1	22±1	36	80	20±0.5	80+1	124+3	32	3.6	780	115	28.8	103.7
CC-A2 5-2	26±1	36	85	25±0.5	88+1	137+4	34.6	5.33	1230	184	30.6	163
CC-A4 0-3	33±1	49	113	40±0.5	115+1	179+5	45.6	10.8	3301	492.5	55.4	598



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