

## Perfect-Field Magnets vs. The Competition

	Good Field Region (mm)	Power (W)	Field Strength (gauss / increase)	Field Uniformity (% / Increase)	Size (mm)
<b>AML's Perfect-Field Magnets</b>	35 / 65	64	30 (3X)	0.018 (5.5X) / 0.42 (2.5X)	440(L)x170(OD)
Bartington - Helmholtz Magnets	35 / 65	64	10	0.1 - 1	273x322x370
<b>AML's Perfect-Field Magnets</b>	40 / 74	80	30 (6X)	0.018 (5.5X) / 0.45 (2X)	500(L)x192(OD)
Bartington - Helmholtz Magnets	40 / 74	80	5	0.1 - 1	507x560x618
<b>AML's Perfect-Field Magnets</b>	84 / 150	240	25 (10X)	0.016 (6X) / 0.33 (3X)	1090(L)x404(OD)
Bartington - Helmholtz Magnets	84 / 150	240	2.5	0.1 - 1	1030x1140x1250
<b>AML PFMs - "Breaking Barriers"</b>	25 / 50	Varies	2.5 - 20,000+	0.00009 (1100X) / 0.0008 (1250X)	600(L)x110(OD)