Supporting Information

Coercivity improvement in Ce-containing (Nd,Pr)-Fe-B-based sintered magnets by application of the 2-powder method

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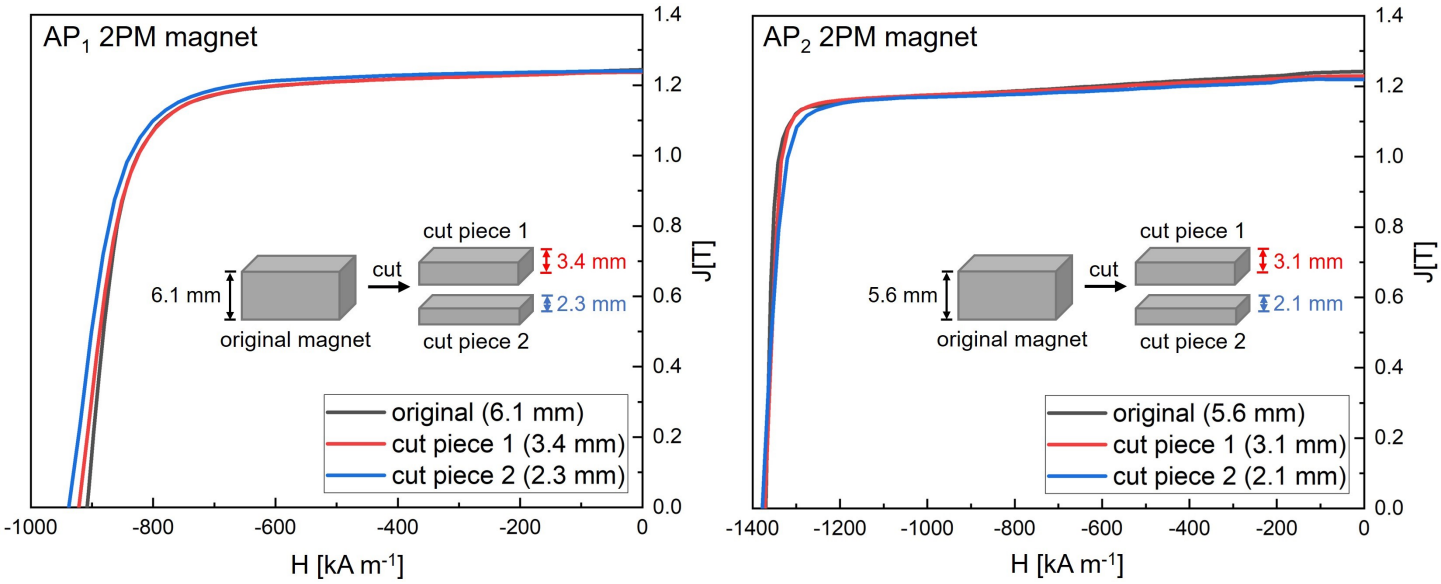

Figure S1: The demagnetization curves for the AP_1 2PM and AP_2 2PM magnets measured at their original thickness and two different cut thicknesses.

Table S1: Particle size distribution and ONH contents of MP and APs. TM represents transition metal additives including Al, Cu, and Ga.

Powder composition [wt.%]	Particle size distribution [µm]			ONH content [wt.%]		
	D_{10}	D_{50}	D_{90}	Oxygen	Nitrogen	Hydrogen
MP=$Nd_{15.1}Pr_{5.1}Ce_{10}Fe_{bal.}TM_{0.32}B_{0.91}$	1.7	3.9	6.8	0.170	0.056	0.0006
AP_1=$Nd_{30.2}Fe_{bal.}Co_{1.9}TM_{0.32}B_{0.91}$	0.4	2.4	4.3	0.216	0.060	0.0001
AP_2=$Nd_{15.1}Pr_{5.1}Dy_{10}Fe_{bal.}Co_{1.9}TM_{0.32}B_{0.91}$	0.5	2.6	4.4	0.381	0.047	0.0002