



MAXIMUM FIELD STRENGTH IN AIR (Flux density)

in our production coils with different impulse magnetizers

Magnetization coils	IM- 1420	IM- 2525	IM- 5025	IM- 8530	IM-17030	IM-25030	IM-34030
1" F	4,8	8,5	10,0	*	*	*	*
2" F	3,0	4,0	5,5	6,5	8,5	*	*
3" F	1,7	2,4	3,5	4,1	4,8	5,5	6,6
4" F	1,1	1,6	2,3	2,8	3,5	4,2	5,0
5" F	0,8	1,2	1,6	2,0	2,4	3,0	3,6
6" F			1,3	1,6	2,1	2,4	2,7

All values in Tesla

All magnetization coils above the coloured lines are able to magnetize the following materials::

- Ferrite
- Sm₁Co₅
- Sm₂Co₁₇ and NdFeB

* Stronger fields are possible with these coils if care is taken that the coils do not overheat.

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