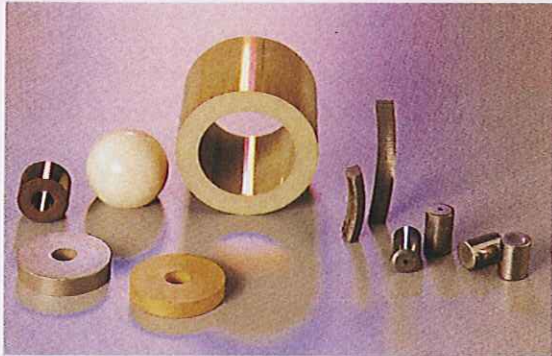


NDFEB Magnet Specification



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Grade	Remanence Flux Density		Coercive Force			Max Energy Product		Temperature coefficient		Relative recoil permeability μ_{rec}	Max. Work Temperature °C L/D \geq 0.7	
	Br		bHc		iHc	(BH)max		α Br	α iHc			
	kGs		kOe		kOe	MGOe		(20°C)	(20°C)			
	Min	Nom	Min	Nom	Min	Min	Nom	(%/°C)	(%/°C)			
N	N35	11.8	12.1	11.0	11.4	12	33	35	-0.11	-0.6	1.05	80
	N38	12.3	12.6	11.4	11.7	12	36	38	-0.11	-0.6	1.05	80
	N40	12.6	12.9	11.6	11.9	12	38	40	-0.11	-0.6	1.05	80
	N42	13.0	13.3	11.9	12.3	12	40	42	-0.11	-0.6	1.05	80
	N45	13.3	13.6	11.8	12.1	12	43	45	-0.11	-0.6	1.05	80
	N48	13.5	14.0	11.8	12.1	12	46	48	-0.11	-0.6	1.05	80
	N50	14.0	14.3	11.6	12.3	12	48	50	-0.11	-0.6	1.05	80
M	38M	12.3	12.6	11.7	12.2	14	36	38	-0.11	-0.59	1.05	100
	40M	12.6	12.9	11.8	12.3	14	38	40	-0.11	-0.59	1.05	100
	42M	13.0	13.3	12.0	12.4	14	40	42	-0.11	-0.59	1.05	100
	45M	13.3	13.6	12.0	12.6	14	43	45	-0.11	-0.59	1.05	100
	48M	13.6	13.9	12.3	12.9	14	48	50	-0.11	-0.59	1.05	100
H	30H	10.8	11.2	10.2	10.7	17	28	30	-0.11	-0.58	1.05	120
	35H	11.8	12.1	11.1	11.6	17	33	35	-0.11	-0.58	1.05	120
	38H	12.3	12.6	11.7	12.1	17	36	38	-0.11	-0.58	1.05	120
	40H	12.6	13.0	12.0	12.6	17	38	40	-0.11	-0.58	1.05	120
	42H	12.8	13.1	12.3	12.8	17	40	42	-0.11	-0.58	1.05	120
	44H	13.2	13.5	12.4	12.9	17	42	45	-0.11	-0.58	1.05	120
	46H	13.4	13.7	12.6	13.0	17	44	46	-0.11	-0.58	1.05	120
	48H	13.6	13.9	12.8	13.1	17	46	47	-0.11	-0.58	1.05	120
SH	30SH	10.8	11.2	10.2	10.7	20	28	30	-0.11	-0.55	1.05	150
	35SH	11.7	12.0	11.1	11.6	20	33	35	-0.11	-0.55	1.05	150
	38SH	12.3	12.6	11.7	12.1	20	36	38	-0.11	-0.55	1.05	150
	40SH	12.6	13.0	12.0	12.3	20	38	40	-0.11	-0.55	1.05	150
	42SH	12.8	13.1	12.1	12.4	20	40	42	-0.11	-0.55	1.05	150
	44SH	13.2	13.5	12.4	12.8	20	42	44	-0.11	-0.55	1.05	150
UH	28UH	10.5	10.9	10.0	10.4	25	26	28	-0.11	-0.51	1.05	180
	30UH	10.8	11.2	10.0	10.8	25	28	30	-0.11	-0.51	1.05	180
	33UH	11.1	11.5	10.5	11.0	25	31	33	-0.11	-0.51	1.05	180
	35UH	11.7	12.0	11.1	11.6	25	33	35	-0.11	-0.51	1.05	180
	38UH	12.3	12.6	11.7	12.1	25	36	38	-0.11	-0.51	1.05	180
	40UH	12.6	13.0	12.0	12.3	25	38	40	-0.11	-0.51	1.05	180
EH	42UH	12.8	13.1	12.1	12.4	25	40	42	-0.11	-0.51	1.05	180
	30EH	10.8	11.2	10.0	10.3	30	28	30	-0.11	-0.48	1.05	200
	33EH	11.1	11.5	10.5	10.8	30	31	33	-0.11	-0.48	1.05	200
	35EH	11.7	12.0	11.1	11.6	30	33	35	-0.11	-0.48	1.05	200

Compressed Bonded Nd-Fe-B

Material grade	RESIDUAL FULX DENSITY		COERCIVE FORCE		INTRINSIC COERCIVE FORCE		MAXIMUM ENERGY PRODUCT	
	Br		Hcb		Hcj		(BH)max	
	mT	GS	kA/m	Oe	kA/m	Oe	kJ/m ³	MGOe
MQ-6	520~600	5,200~6,000	304~360	3,800~4,500	640~800	8,000~10,000	40.0~56.0	5.0~7.0
MQ-8	600~650	6,000~6,500	360~440	4,500~5,500	640~960	8,000~12,000	56.0~72.0	7.0~9.0
MQ-10	650~700	6,500~7,000	360~464	4,500~5,800	640~960	8,000~12,000	72.0~80.0	9.0~10.0
MQ-12	700~760	7,000~7,600	424~480	5,300~6,000	640~880	8,000~11,000	80.0~96.0	10.0~12.0
MQ-8H	550~620	5,500~6,200	400~480	5,000~6,000	960~1280	12,000~16,000	48.0~72.0	6.0~9.0



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