

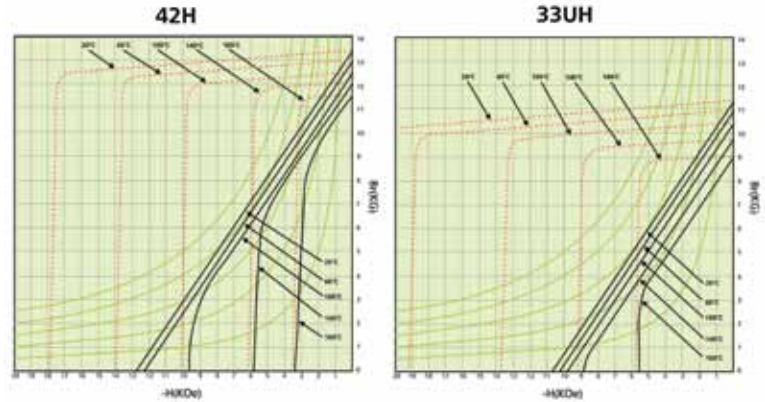
Sintered NdFeB

- Full local support at extremely competitive prices
- Wide product offering, including high-temperature grades up to 50 MGOe
- Capabilities for full assembly in local market
- Rapid prototyping and production start-up
- Off shore prices - on shore service

Magnet Applications' Sintered Neodymium Iron Boron magnets offer engineers the ideal combination of low cost and high energy product. We make available a broad range of grades to permit optimal selection for the magnet's operating environment.

Operating in concert with state-of-the-art facilities around the world, Magnet Applications can meet any requirement. From high-value, cost-conscious product from China, to more exotic grade materials from Japan, to domestically manufactured finished products in any quantities, we're your Total Magnetic Solution.

Typical Demagnetization Curves



Typical Properties of Sintered NdFeB

Unit	Remanance B_r		Coercivity H_c		Intrinsic Coercivity H_{ci}		Energy Product BH_{MAX}		Maximum Operating Temperature T_{MAX}
	mT	KGauss	kA/m	KOe	kA/m	KOe	kJ/m ³	MGOe	
50	1400-1450	14.0-14.5	860	10.8	955	12	382-406	48-51	80
48	1380-1420	13.8-14.2	835	10.5	876	11	366-390	46-49	80
45H	1320-1360	13.2-13.6	1000	12.5	1360	17	342-366	43-46	120
45	1320-1380	13.2-13.8	876	11.0	955	12	342-366	43-46	80
42	1280-1320	12.8-13.2	923	11.6	955	12	318-342	40-43	80
42H	1280-1320	12.8-13.2	956	12.0	1353	17	318-342	40-43	120
40	1240-1280	12.4-12.8	923	11.6	955	12	318-342	38-41	80
40H	1240-1280	12.4-12.8	923	11.6	1353	17	302-326	38-41	120
40SH	1240-1280	12.4-12.8	939	11.8	1592	20	302-326	38-41	150
38	1210-1250	12.1-12.5	899	11.3	955	12	287-310	36-39	80
38H	1210-1250	12.1-12.5	899	11.3	1353	17	287-310	36-39	120
38SH	1210-1250	12.1-12.5	907	11.4	1592	20	287-310	36-39	150
35	1170-1210	11.7-12.1	868	10.9	955	12	263-287	33-36	80
35H	1170-1210	11.7-12.1	868	10.9	1353	17	263-287	33-36	120
35SH	1170-1210	11.7-12.1	876	11.0	1592	20	263-287	33-36	150
33	1130-1170	11.3-11.7	836	10.5	955	12	247-263	31-34	80
33H	1130-1170	11.3-11.7	836	10.5	1353	17	247-271	31-34	120
33SH	1130-1170	11.3-11.7	844	10.6	1592	20	247-272	31-34	150
33UH	1130-1170	11.3-11.7	852	10.7	1990	25	247-271	31-34	180
30UH	1080-1130	10.8-11.3	812	10.2	1990	25	223-247	28-31	180
30EH	1080-1130	10.8-11.3	812	10.2	2388	30	223-247	28-31	200
28UH	1020-1080	10.2-10.8	764	9.6	1990	25	207-231	26-29	180
28EH	1020-1080	10.2-10.8	780	9.8	2388	30	207-231	26-29	200