

Type	Grade	Remanence (20°C)		Coercivity(20°C)				Energy density(20°C)		Temperature Coefficient		Curie temperature	Max working temperature
		B_r		H_{cj}		H_{cb}		$(BH)_{max}$		TK(Br)Typical	TK(Hcj)Typical	Typical	Tmax Typical
		T	kGs	kA/m	kOe	kA/m	kOe	kJ/m^3	MGOe	%/°C	%/°C	°C	°C
SmCo 1:5	S16	0.81-0.90	8.1-9.0	1194-1831	15-23	620-700	7.8-8.8	111-143	14-18	-0,050	-0.30	750	250
	S20	0.90-0.95	9.0-9.5	1194-1831	15-23	677-725	8.5-9.1	143-167	18-21	-0,050	-0.30	750	250
	S22	0.95-1.00	9.5-10.0	1194-1831	15-23	700-772	8.8-9.7	167-191	21-24	-0,050	-0.30	750	250
	S16H	0.81-0.90	8.1-9.0	≥1831	≥23	620-700	7.8-8.8	111-143	14-18	-0.035	-0.28	750	250
	S20H	0.90-0.95	9.0-9.5	≥1831	≥23	677-725	8.5-9.1	143-167	18-21	-0,040	-0.28	750	250
	S22H	0.95-1.00	9.5-10.0	≥1831	≥23	700-788	8.8-9.9	167-191	21-24	-0.045	-0.28	750	250
SmCo 2:17	S26D	1.02-1.05	10.2-10.5	557-955	≥8	541-748	6.8-9.4	183-207	23-26	-0.025	-0.20	800	250
	S28D	1.03-1.08	10.3-10.8	557-955	≥8	541-764	6.8-9.6	207-231	26-29	-0.035	-0.20	800	250
	S30D	1.08-1.10	10.8-11.0	557-955	≥8	541-812	6.8-10.2	223-247	28-31	-0.035	-0.20	800	250
	S32D	1.10-1.13	11.0-11.3	557-955	≥8	541-836	6.8-10.5	231-263	29-33	-0.035	-0.20	800	250
	S26M	1.02-1.05	10.2-10.5	955-1432	≥12	677-780	8.5-9.8	191-207	24-26	-0.035	-0.20	800	300
	S28M	1.03-1.08	10.3-10.8	955-1432	≥12	676-796	8.5-10.0	207-223	26-28	-0.035	-0.20	800	300
	S30M	1.08-1.10	10.8-11.0	955-1432	≥12	676-836	8.5-10.5	223-239	28-30	-0.035	-0.20	800	300
	S32M	1.10-1.13	11.0-11.3	955-1432	≥12	676-852	8.5-10.7	231-255	29-32	-0.035	-0.20	800	300
	S24	0.95-1.02	9.5-10.2	≥1432	≥18	693-764	8.7-9.6	175-191	22-24	-0.025	-0.20	800	300
	S26	1.02-1.05	10.2-10.5	≥1432	≥18	748-796	9.4-10.0	191-207	24-26	-0.030	-0.20	800	300
	S28	1.03-1.08	10.3-10.8	≥1432	≥18	756-812	9.5-10.2	207-223	26-28	-0.035	-0.20	800	300
	S30	1.08-1.10	10.8-11.0	≥1432	≥18	796-836	10.0-10.5	223-239	28-30	-0.035	-0.20	800	300
	S32	1.10-1.13	11.0-11.3	≥1432	≥18	812-860	10.2-10.8	231-255	29-32	-0.035	-0.20	800	300
	S24H	0.95-1.02	9.5-10.2	≥1990	≥25	693-764	8.7-9.6	175-191	22-24	-0.025	-0.20	800	350
	S26H	1.02-1.05	10.2-10.5	≥1990	≥25	748-796	9.4-10.0	191-207	24-26	-0.030	-0.20	800	350
	S28H	1.03-1.08	10.3-10.8	≥1990	≥25	756-812	9.5-10.2	207-223	26-28	-0.035	-0.20	800	350
	S30H	1.08-1.10	10.8-11.0	≥1990	≥25	796-836	10.0-10.5	223-239	28-30	-0.035	-0.20	800	350
	S32H	1.10-1.13	11.0-11.3	≥1990	≥25	812-860	10.2-10.8	231-255	29-32	-0.035	-0.20	800	350
	S16T	0.75-0.95	7.5-9.5	≥1830	≥23	≥557	≥7	96-143	12-18	The temperature range:-50°C~20°C, 20°C~200°C、200°C~300°C, The typical values of TK(Br) :+0.005%/°C、-0.008%/°C、- 0.011%/°C		840	300
	S18T	0.85-0.94	8.5-9.4	≥1830	≥23	≥597	≥7.5	127-159	16-20			840	300
S20T	0.90-0.97	9.0-9.7	≥1830	≥23	≥637	≥8.0	143-183	18-23	840			300	