

Material	Grade	Energy Product BH(max)		Residual Induction Br(min-max)		Coercive Force Hcb(min-max)		Intrinsic Coercive Force Hcj(min-max)		Density	Max work Temp.
		KJ/m <sup>3</sup>	MGoe	T	KGs	KA/m	KOe	KA/m	KOe		
										g/cm <sup>3</sup>	°C
SmCo5	XG16	120-143	15-18	0.77 -0.86	7.7-8.6	613-716	7.7-9.0	≧ 1194	≧ 15	8.3	250
	XG16H	120-143	15-18	0.77 -0.86	7.7-8.6	613-716	7.7-9.0	≧ 1592	≧ 20		
	XG18	135-159	17-20	0.81 -0.92	8.1-9.2	637-756	8.0-9.5	≧ 1194	≧ 15		
	XG18H	135-159	17-20	0.81 -0.92	8.1-9.2	637-756	8.0-9.5	≧ 1592	≧ 20		
	XG20	151-175	19-22	0.85 -0.95	8.5-9.5	637-756	8.0-9.5	≧ 1194	≧ 15		
	XG20H	151-175	19-22	0.85 -0.95	8.5-9.5	637-756	8.0-9.5	≧ 1592	≧ 20		
	XG22	167-191	21-24	0.89 -1.00	8.9-10	661-772	8.3-9.7	≧ 1194	≧ 15		
	XG22H	167-191	21-24	0.89 -1.00	8.9-10	661-772	8.3-9.7	≧ 1592	≧ 20		
Sm2Co17	XGS24M	175-199	22-25	0.92 -1.04	9.2-10.4	318-788	4.0-9.9	398-1194	5.0-15.0	8.4	350
	XGS24	175-199	22-25	0.92 -1.04	9.2-10.4	661-796	8.3-10.0	1194-1990	15.0-25.0		
	XGS24H	175-199	22-25	0.92 -1.04	9.2-10.4	661-804	8.3-10.1	> 1990	> 25.0		
	XGS26M	191-215	24-27	1.00 -1.06	10.0-10.6	318-796	4.0-10.0	398-1194	5.0-15.0		
	XGS26	191-215	24-27	1.00 -1.06	10.0-10.6	677-820	8.5-10.3	1194-1990	15.0-25.0		
	XGS26H	191-215	24-27	1.00 -1.06	10.0-10.6	677-820	8.5-10.3	> 1990	> 25.0		
	XGS28M	207-231	26-29	10.4 -11.0	10.4-11.0	318-804	4.0-10.1	398-1194	5.0-15.0		
	XGS28	207-231	26-29	10.4	10.4-11.0	677-820	8.5-10.3	1194-1990	15.0-25.0		

				-11.0							
XGS28H	207-231	26-29	10.4 -11.0	10.4-11.0	677-820	8.5-10.3	> 1990	> 25.0			
XGS30M	223-247	28-31	10.7 -11.2	10.7-11.2	318-804	4.0-10.1	398-1194	5.0-15.0			
XGS30	223-247	28-31	10.7 -11.2	10.7-11.2	700-828	8.8-10.4	1194-1990	15.0-25.0			
XGS30H	223-247	28-31	10.7 -11.2	10.7-11.2	700-828	8.8-10.4	> 1990	> 25.0			
XGS32M	231-255	29-32	10.9 -11.5	10.9-11.5	318-804	4.0-10.1	398-955	5.0-12.0			
XGS32	231-255	29-32	10.9 -11.5	10.9-11.5	716-836	9.0-10.5	> 955	> 12.0			
XGS22LT	159-183	20-23	9.0 -9.9	9.0-9.9	677-756	8.5-9.5	≧ 1194	≧ 15.0			
XGS24LT	159-183	20-23	9.2 -10.2	9.2-10.2	677-756	8.5-9.5	≧ 1194	≧ 15.			