



PHYSICAL CHARACTERISTICS

Material	Grade	(BH)max		Br		Hcb		Hcj		Density	Temp Coeff α (Br)	TC	Tw
		KJ/m ³	MGOe	T	KGs	KA/m	KOe	KA/m	KOe	g/cm ³	%/°C	°C	°C
SmCo5 and Sm(Pr)Co	XG18	127~159	16~20	0.82~0.92	8.2~9.2	639~756	8.0~9.5	1194~1751	15.0~22.0	8.3	-0.04	≥740	250
	XG20	143~175	18~22	0.87~0.95	8.7~9.5	639~756	8.0~9.5	1194~1751	15.0~22.0				
	XG22	159~191	20~24	0.93~1.0	9.3~10.0	660~772	8.3~9.7	1194~1751	15.0~22.0				
	XG24	175~207	22~26	0.96~1.04	9.6~10.4	660~780	8.3~9.8	1194~1751	15.0~22.0				
Sm2Co17	XGS24M	175~207	22~26	0.96~1.04	9.6~10.4	318~772	4.0~9.7	398~955	5.0~12.0	8.4	-0.03	≥850	350
	XGS24	175~207	22~26	0.96~1.04	9.6~10.4	660~780	8.3~9.8	≥1194	≥15.0				
	XGS24H	175~207	22~26	0.96~1.04	9.6~10.4	660~780	8.3~9.8	≥1592	≥20.0				
	XGS26M	191~223	25~28	1.0~1.07	10.0~10.7	318~796	4.0~10.0	398~955	5.0~12.0				
	XGS26	191~223	25~28	1.0~1.07	10.0~10.7	677~820	8.5~10.3	≥1194	≥15.0				
	XGS26H	191~223	25~28	1.0~1.07	10.0~10.7	677~820	8.5~10.3	≥1592	≥20.0				
	XGS28M	207~239	26~30	1.04~1.10	10.4~11.0	318~796	4.0~10.0	398~955	5.0~12.0				
	XGS28	207~239	26~30	1.04~1.10	10.4~11.0	677~820	8.5~10.3	≥1194	≥15.0				
	XGS28H	207~239	26~30	1.04~1.10	10.4~11.0	677~820	8.5~10.3	≥1592	≥20.0				
	XGS30M	223~247	28~31	1.07~1.12	10.7~11.2	318~796	4.0~10.0	398~955	5.0~12.0				
	XGS30	223~247	28~31	1.07~1.12	10.7~11.2	677~820	8.5~10.3	≥1194	≥15.0				
	XGS32M	238~262	29~32	1.09~1.15	10.9~11.5	318~796	4.0~10.0	398~955	5.0~12.0				
XGS32	238~262	29~32	1.09~1.15	10.9~11.5	677~820	8.5~10.3	≥955	≥12.0					
Low Temp Coeff Sm2Co17	XGS22LT	159~191	20~24	0.93~1.0	9.3~10.0	677~756	8.5~9.5	≥1194	≥15.0	8.4	-0.01	≥850	350
	XGS24LT	175~207	22~26	0.96~1.04	9.6~10.4	677~756	8.5~9.5	≥1194	≥15.0				
	XGS26LT	191~223	25~28	1.0~1.07	10.0~10.7	677~812	8.5~10.2	≥1433	≥18.0	8.4	-0.02	≥850	350