

PRODUCT SPECIFICATIONS OF BALL BEARING STEEL

AISI/ ASTM	MATERIAL			CHEMISTRY								HEAT TREATMENT DETAILS						
	EN	DIN	JIS	C	SI	Mn	P	S	Cr	W	Mo	V	Soft Annealing	Normalizing	Hardening Water/Oil	Tempering	Annealed (HB) - Max	Quenched (Hrc) Tempered
SAE 52100	1.3505			0.95	0.3	0.3	0.025	0.025	1.3				780-800	870-900	800-830 / 830-870	150-170		
K310	1.2327			0.95	0.1	0.21	0.018	0.009	1.97		0.22	0.09	710-750	820-860	800-830 / 830-870	180-200		