

PRODUCT SPECIFICATIONS OF ALLOY STEEL

AISI/ ASTM	MATERIAL			CHEMISTRY									HEAT TREATMENT DETAILS					
	EN	DIN	JIS	C	SI	Mn	P	S	Cr	Ni	Mo	V	Anealing (Slow Cooling)	Quenchant (Hot Bath)	Quenching	Tempering (Air Cooling)	Annealed (HB) - Max	Quenched (Hrc) Tempered
4340	EN24			0.40	0.25	0.65	0.03	0.04	1.2	1.5	0.37		650-700	OIL	830-850	670-530	220	48
1045	EN43B	Ck45		0.45	0.25	0.8	0.03	0.03					660-700	OIL/WATER	830-860	670-530	190	38