

PRODUCT SPECIFICATIONS OF HIGH SPEED STEEL

AISI/ ASTM	MATERIAL			CHEMISTRY									HEAT TREATMENT DETAILS					
	EN	DIN	JIS	C	SI	Mn	Co	S	Cr	W	Mo	V	Annealing (Slow Cooling)	Quenchant (Hot Bath)	Quenching	Tempering (Air Cooling)	Annealed (HB) - Max	Quenched (Hrc) Tempered
M2	6/5/2	1.3343	SKH51	0.9	0.3	0.3			4.1	6.4	5	1.8	800-880	OIL	1200-1240	550-570	255	63
M35	6/5/2+5%	1.3243	SKH55	0.92	0.35	0.3	4.8		4.1	6.4	5	1.9	800-840	OIL	1200-1240	550-570	277	64
M42	2/10/1/8	1.3247	SKH59	1.1	0.25	0.25	7.8		3.9	1.4	9.2	1.2	820-840	OIL	1170-1210	520-590	285	66
T1	18/4/1	1.3355	SKH2	0.75	0.2	0.2			4.1	18		1.1	820-880	OIL	1250-1290	560-580	248	62