

Carbon and Alloy Steels for Machine Structural Use								
Japanese Industrial Standards		Related foreign standard steels						
Std. No., Title	Symbol	ISO	GB	AISI	BS	DIN EN	NF	Г О С Т
		683/1, 10, 11		SAE		10084, DIN EN 10083-1, 2	A35-551, NF EN 10083-1, 2	4543
JIS G 4052 Structural steels with specified hardenability bands	SCM418H	18CrMo4		—	—	18CrMo4	—	—
		18CrMoS4				18CrMoS4		
	SCM420H	—		—	708H20	—	—	—
	SCM435H	34CrMo4	—	4135H	34CrMo4	34CrMo4	34CrMo4	—
		34CrMoS4		4137H	34CrMoS4	34CrMoS4	34CrMoS4	
	SCM440H	42CrMo4	—	4140H	42CrMo4	42CrMo4	42CrMo4	—
		42CrMoS4		4142H	42CrMoS4	42CrMoS4	42CrMoS4	
	SCM445H	—	—	4145H	—	—	—	—
		—		4147H				
	SCM822H	—	—	—	—	—	—	—
	SNC415H	—	12CrNi2A	—	—	—	—	—
	SNC631H	—	—	—	—	—	—	—
	SNC815H	15NiCr13	—	—	655H13	15NiCr13	—	—
		20NiCrMo2	35Mn3	8617H	805H17			
	SNCM220H	20NiCrMoS2	40Mn3	8620H	805H20	—	20NCD2	—
		2	—	8622H	805H22			
	SNCM420H	—	—	4320H	—	—	—	—
JIS G 4107 Alloy steel bolting materials for high temperature service	SNB5	—	—	501	—	—	—	—
		42CrMo4		4140	708M40			
	SNB7	42CrMoS4	—	4142	709M40	42CrMo4	—	—
				4145	630-860			
	SNB16	—	—	—	670-860	40CrMoV47	42CDV4	—
JIS G 4108 Alloy steel bars for special application bolting materials	SNB21-1	—	—	—	670-860	40CrMoV47	42CDV4	—
	to 21-5							
	SNB22-1	42CrMo4	—	4142H	—	42CrMo4	—	—
	to 22-5	42CrMoS4						
	SNB23-1	—	—	E4340H	—	—	—	—
	to 23-5							
	SNB24-1	—	—	4340	—	—	—	—
	to 24-5							