

Carbon and Alloy Steels for Machine Structural Use

Japanese Industrial Standards		Related foreign standard steels						
Std. No., Title	Symbol	ISO 683/1, 10, 11	GB	AISI SAE	BS 970 Part 1, 3 BS/EN 10083-1, 2	DIN EN 10084, DIN EN 10083-1, 2	NF A35-551, NF EN 10083-1, 2	Г О С Т 4543
JIS G 4106 Manganese steels and manganese chromium steels for machine structural use	SMn443	42Mn6	40Mn2	1541	—	—	—	40Г 2
								45Г 2
	SMnC420	—	—	—	—	—	—	—
	SMnC443	—	—	—	—	—	—	—
JIS G 4202 Aluminium chromium molybdenum steels	SACM645	41CrAlMo	38CrMoAlA	—	—	—	—	—
		74						
JIS G 4052 Structural steels with specified hardenability bands	SMn420H	22Mn6	—	1522H	—	—	—	—
	SMn433H	—	30Mn2	—	—	—	—	—
	SMn438H	36Mn6	35Mn2	1541H	—	—	—	—
	SMn443H	42Mn6	40Mn2	1541H	—	—	—	—
	SMnC420H	—	—	—	—	—	—	—
	SMnC443H	—	—	—	—	—	—	—
	SCr415H	—	15Cr	—	—	17Cr3	—	15X
						17CrS3		
	SCr420H	20Cr4	20Cr	5120H	—	—	—	20X
		20CrS4						
	SCr430H	34Cr4	35Cr	5130H	34Cr4	34Cr4	34Cr4	30X
		34CrS4		5132H	34CrS4	34CrS4	34CrS4	
		34Cr4						
	SCr435H	34CrS4	—	5135H	37Cr4	37Cr4	37Cr4	35X
		37Cr4			37CrS4	37CrS4	37CrS4	
		37CrS4						
		37Cr4						
	SCr440H	37CRS4	40Cr	5140H	41Cr4	41Cr4	41Cr4	40X
		41Cr4			41CrS4	41CrS4	41CrS4	
		41CrS4						
	SCM415H	—	—	—	—	—	—	—