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	ГОСТ 4543
JIS G 4104	SCr415	–	15Ct	–	–	17Cr3	–	15X
						17CrS3		15XA
Chromium steels	SCr420	20Cr4	20Cr	5120	–	–	–	20X
		20CrS4						
	SCr430	34Cr4	30Cr	5130	34Cr4	34Cr4	34Cr4	30X
		34CrS4		5132	34CrS4	34CrS4	34CrS4	
		34Cr4						
	SCr435	34CrS4	–	5132	37Cr4	37Cr4	37Cr4	35X
		37Cr4			37CrS4	37CrS4	37CrS4	
		37CrS4						
		37Cr4			530M40			
	SCr440	37CrS4	40Cr	5140	41Cr4	41Cr4	41Cr4	40X
		41Cr4			41CrS4	41CrS4	41CrS4	
		41CrS4						
	SCr445	–	45Cr	–	–	–	–	45X
JIS G 4105	SCM415	–	–	–	–	–	–	–
	SCM418	18CrMo4	–	–	–	18CrMo4	–	20XM
Chromium molybdenum steels		18CrMoS4				18CrMoS4		
	SCM420	–	30CrMo	–	708M20	–	–	20XM
	SCM421	–	–	–	–	–	–	–
JIS G 4105	SCM430	–	30CrMo	4131	–	–	–	30XM
								30XMA
Chromium molybdenum steels	SCM432	–	–	–	–	–	–	–
	SCM435	34CrMo4	35CrMo	4137	34CrMo4	34CrMo4	34CrMo	35XM
		34CrMoS4			34CrMoS4	34CrMoS4	34CrMoS4	
					708M40			
	SCM440	42CrMo4	–	4140	709M40	42CrMo4	42CrMo4	–
		42CrMoS4		4142	42CrMo4	42CrMoS4	42CrMoS4	
					42CrMoS4			
	SCM445	–	–	4145	–	–	–	–
				4147				
	SCM822	–	–	–	–	–	–	–
JIS G 4106	SMn420	22Mn6	20Mn2	1522	150M19	–	–	–
Manganese steels and manganese chromium steels for machine structural use								
	SMn433	–	30Mn2	1534	150M36	–	–	30Г2
								35Г2
	SMn438	36Mn6	35Mn2	1541	150M36	–	–	35Г2
								40Г2