

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 4051 Carbon steels for machine structural use					040A10	C10E		
	S10C	C10	10	1010	045A10	C10R	XC10	—
					045M10			
	S12C	—	—	1012	040A12	—	XC12	—
	S15C	C15E4 C15M2	15	1015	055M15	C15E C15R	—	—
	S17C	—	—	1017	—	—	XC18	—
					070M20	C22	C22	
	S20C	—	20	1020	C22, C22E, C22R	C22E C22R	C22E C22R	—
	S22C	—	—	1023	—	—	—	—
		C25			C25	C25	C25	
	S25C	C25E4 C25M2	25	1025	C25E C25R	C25E C25R	C25E C25R	—
	S28C	—	—	1029	—	—	—	25Г
		C30			080A30	C30	C30	
	S30C	C30E4 C30M2	30	1030	080M30 C30 C30E C30R	C30E C30R	C30E C30R	30Г
	S33C	—	—	—	—	—	—	30Г
		C35			C35	C35	C35	
	S35C	C35E4 C35M2	35	1035	C35E C35R	C35E C35R	C35E C35R	35Г
	S38C	—	—	1038	—	—	—	35Г
		C40			080M40	C40	C40	
	S40C	C40E4 C40M2	40	1039 1040	C40 C40E C40R	C40E C40R	C40E C40R	40Г
	S43C	—	—	1042 1043	080A42	—	—	40Г
		C45			C45	C45	C45	
	S45C	C45E4 C45M2	45	1045 1046	C45E C45R	C45E C45R	C45E C45R	45Г
	S48C	—	—	—	080A47	—	—	45Г
		C50			080M50	C50	C50	
	S50C	C50E4 C50M2	50	1049	C50 C50E C50R	C50E C50R	C50E C50R	50Г
	S53C	—	—	1050 1053	—	—	—	50Г