

High Grade Carbon Structure Steel

Project	China GB, YB	Japan JIS	Germany DIN(W-Nr.)	America			England BS	France NF	Former Soviet Union Г О С Т	International ISO
				ASTM	AISI	SAE				
(1) General Mn contents Steel Series	05F			1005		1005	015A03		05kn	
	08F			1006	1006	1006	040A04		08kn	
	8	S09CK (S9CK)	C10(1. 0301) CK10(1. 1121)	1008	1008	1008	050A04		8	
	10F			1010	1010	1010	040A10		10kn	
	10	S10C	CK10(1. 1121)	1010	1010	1010	040A10, 050A10, 060A10	XC10	10	
		S12C		1012	1012	1012	040A12, 050A12, 060A12	XC12		
	15F						040A15		15kn	
	15	S15C, S15CK	C15(1. 0401), CK15(1. 1141), Cm15(1. 1140)	1015	1015	1015	040A15, 050A15, 060A15		15	
		S17C		1017	1017	1017	040A17, 050A17, 060A17	XC18		
	20F						040A20		20kn	
	20	S20C, S20CK		1020	1020	1020	050A20, 060A20		20	
		S22C	C22(1. 0402), CK22(1. 1151)	1023	1023	1023	040A22, 050A22, 060A22			
	25	S25C		1025, 1026	1025, 1026	1025, 1026	060A25, 080A25	XC25	25	R683/IC25e
		S28C		1029	1029	1029	060A27, 080A27			
	30	S30C		1030	1030	1030	060A30, 080A30, 080M30	XC32	30	R683/IC30e
		S33C		1035	1035	1035	060A32, 080A32			
	35	S35C	C35(1. 0501), CK35(1. 1181), Cm35(1. 1180)	1035, 1037	1035, 1037	1035, 1037	060A35, 080A35	XC35	35	R683/IC35e

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				ASTM	AISI	SAE				
General Mn contents Steel Series		S38C		1038	1038	1038	060A37 080A37	XC38		
	40	S40C		1040 1039	1040 1039	1040 1039	060A40 080A40 080M40		40	R683/IC40e
		S43C		1042 1043	1042 1043	1042 1043	060A42 080A42	XC42		
	45	S45C	C45 (1. 0503) CK45 (1. 1191) Cm45 (1. 1201)	1045 1046	1045 1046	1045 1046	060A47 080A47 080M46	XC45	45	R683/IC45e
		S48C		1045 1046 1049	1045 1046 1049	1045 1046 1049	060A47 080A47	XC48		
	50			1050 1053	1050 1053	1050 1053	080M50		50	R683/IC50e
		S53C		1055	1055	1055	060A52 080A52			
	55	S55C	C55 (1. 0535) CK55 (1. 1181) Cm55 (1. 1209)	1055	1055	1055	070M55 060A57 080A57	XC55	55	R683/IC55e
	60	S58C	C60 (1. 0601) CK60 (1. 1221) Cm60 (1. 1223)	1060	1060	1060	060A62 080A62		60	R683/IC60e
	65			1065	1065	1065	060A67 080A67	XC65	65	
	70			1070	1070	1070	060A72 070A72 080A72	XC70	70	
	75			1074	1074	1074	060A78 070A78 080A78		75	
	80			1080	1080	1080	060A82 080A83	XC80	80	
	85			1084	1084	1084	060A86 080A86		85	

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				ASTM	AISI	SAE				
(2) High Mn contents Steel Series	15Mn		17Mn4(1. 8044)	1016, 1019	1016, 1019	1016, 1019	080A15, 080A17		15 Г	
	20Mn			1021, 1022	1021, 1022	1021, 1022	080A20, 070M20	XC18	20 Г	
	25Mn	S28C		1026	1026	1026	070M26		25 Г	
	30Mn	S30C		1030	1030	1030	080A30, 080A32	XC32	30 Г	
	35Mn	S35C		1037	1037	1037	080A35		35 Г	
	40Mn	S40C	40Mn4(1. 5038)	1039, 1040	1039, 1040	1039, 1040	080A40		40 Г	
	45Mn	S45C		1043, 1046	1043, 1046	1043, 1046	080A47		45 Г	
	50Mn	S53C		1050, 1053	1050, 1053	1050, 1053	080A52, 080M50	XC48	50 Г	
	60Mn			1561		1561	080A64		60 Г	
	65Mn			1566		1566 -1066			65 Г	
	70Mn			1572		1572			70 Г	