

機械構造用炭素鋼・合金鋼

区分	鋼種	JIS (JIS G 4051)	AISI (SAE)	BSI (970 Part 1,3 BSEN 10083-1,2)	DIN (DIN EN 10084 DINEN10083-1,2)	NF (NF A35-155 NFEN 10083-1,2)	ISO (ISO683/1,10,11)
炭素鋼	0.10C	S10C	1010	040A10,045A10 045M10	C10E,C10R	XC10	C10
	0.12C	S12C	1012	040A12		XC12	
	0.15C	S15C	1015	055M15	C15E,R		C15E4,C15M2
	0.17C	S17C	1017			XC18	
	0.20C	S20C	1020	070M20 C22,E,R	C22,E,R	C22,E,R	
	0.22C	S22C	1023				
	0.25C	S25C	1025	C25,E,R	C25,E,R	C25,E,R	C25,E4,M2
	0.28C	S28C	1029				
	0.30C	S30C	1030	080A30,M30 C30,E,R	C30,E,R	C30,E,R	C30,E4,M2
	0.35C	S35C	1035	C35,E,R	C35,E,R	C35,E,R	C35,E4,M2
	0.38C	S38C	1038				
	0.40C	S40C	1039,1040	080A40,C40, E,R	C40,E,R	C40,E,R	C40,E4,M2
	0.43C	S43C	1042,1043	080A42			
	0.45C	S45C	1045,1046	C45,E,R	C45,E,R	C45,E,R	C45,E4,M2
	0.48C	S48C		080A47			
	0.50C	S50C	1049	080M50,C50, E,R	C50,E,R	C50,E,R	C50,E4,M2
	0.53C	S53C	1050,1053				
	0.55C	S55C	1055	070M55 C55,E,R	C55,E,R	C55,E,R	C55,E4,M2
	0.58C	S58C	1059,1060	C60,E,R	C60,E,R	C60,E,R	C60,E4,M2
	0.09C	S09CK		045A10,045M10	C10E	XC10	
0.15C	S15CK			C15E	XC12		
0.20C	S20CK				XC18		
マンガン鋼およびマンガンクロム鋼	0.20C-1.35Mn	G4106/SMn420	1522	150M19			22Mn6
	0.33C-1.35Mn	G4106/SMn433	1534	150M36			
	0.38C-1.50Mn	G4106/SMn433	1534				36Mn6
	0.43C-1.50Mn	G4106/SMn443	1541				42Mn6
	0.20C-1.35Mn	G4106/SMnC420					
0.43C-1.50Mn	G4106/SMnC443						
クロムモリブデン鋼	0.15C-1Cr-0.25Mo	G4105/SCM415					
	0.18C-1Cr-0.25Mo	G4105/SCM418			18CrMo4,S4		18CrMo4,S4
	0.20C-1Cr-0.25Mo	G4105/SCM420		708M20			
	0.21C-1Cr-0.25Mo (0.85Mn)	G4105/SCM421					
	0.30-1Cr-0.25Mo	G4105/SCM430	4131				
	0.32C-1.25Cr-0.25Mo (0.45Mn)	G4105/SCM432					
	0.35C-1Cr-0.25Mo	G4105/SCM435	4137	34CrMo4,S4	34CrMo4,S4	34CrMo4,S4	34CrMo4,S4
	0.40C-1Cr-0.25Mo	G4105/SCM440	4140,4142	708,709M40 42CrMo4,S4	42CrMo4,S4	42CrMo4,S4	42CrMo4,S4
0.22C-1Cr-0.40Mo	G4105/SCM822						
クロム鋼	0.15C-1Cr	G4104/SCr415			17Cr3,S3		
	0.20C-1Cr	G4104/SCr420	5120				20Cr4,S4
	0.30C-1Cr	G4104/SCr430	5130,5132	34Cr4,S4	34Cr4,S4	34Cr4,S4	34Cr4,S4
	0.35C-1Cr	G4104/SCr435	5132	37Cr4,S4	37Cr4,S4	37Cr4,S4	34Cr4,S4 37Cr4,S4
	0.40C-1Cr	G4104/SCr440	5140	530M40 41Cr4,S4	41Cr4,S4	41Cr4,S4	37Cr4,S4 41Cr4,S4
	0.45C-1Cr	G4104/SCr445					