

## Standard Carbon Steels

### Chemical Composition Ranges and Limits

SAE No.	C	Mn	SAE No.	C	Mn	SAE No.	C	Mn
1005	.06 max	.35 max	1025	.22/.28	.30/.60	1050	.48/.55	.60/.90
1006	.08 max	.25/.40	1026	.22/.28	.60/.90	1053	.48/.55	.70/1.00
1008	.10 max	.30/.50	1029	.25/.31	.60/.90	1055	.50/.60	.60/.90
1010	.08/.13	.30/.60	1030	.28/.34	.60/.90	1059	.55/.65	.50/.80
1011	.09/.14	.60/.90	1035	.32/.38	.60/.90	1060	.55/.65	.60/.90
1012	.10/.15	.30/.60	1038	.35/.42	.60/.90	1065	.60/.70	.60/.90
1015	.13/.18	.30/.60	1039	.37/.44	.70/1.00	1070	.65/.75	.60/.90
1016	.13/.18	.60/.90	1040	.37/.44	.60/.90	1074	.70/.80	.50/.80
1017	.15/.20	.30/.60	1042	.40/.47	.60/.90	1078	.72/.85	.30/.60
1018	.15/.20	.60/.90	1043	.40/.47	.70/1.00	1080	.75/.88	.60/.90
1020	.18/.23	.30/.60	1044	.43/.50	.30/.60	1086	.80/.93	.30/.50
1021	.18/.23	.60/.90	1045	.43/.50	.60/.90	1090	.85/.98	.60/.90
1022	.18/.23	.70/1.00	1046	.43/.50	.70/1.00	1095	.90/1.03	.30/.50
1023	.20/.25	.30/.60	1049	.46/.53	.60/.90			

*Phosphorus = .040 max, Sulfur = .050 max.*