

Manganese Steels and Manganese Chromium Steels

JIS G 4106

Chemical Composition, %

Steel Grade	C	Si	Mn	P	S	Cr
SMn 420	.17/.23	.15/.35	1.20/1.50	.030 max	.030 max	—
SMn 433	.30/.36	.15/.35	1.20/1.50	.030 max	.030 max	—
SMn 438	.35/.41	.15/.35	1.35/1.65	.030 max	.030 max	—
SMn 443	.40/.46	.15/.35	1.35/1.65	.030 max	.030 max	—
SMnC 420	.17/.23	.15/.35	1.20/1.50	.030 max	.030 max	.35/.70
SMnC 443	.40/.46	.15/.35	1.35/1.65	.030 max	.030 max	.35/.70