

ABSTRACT

HIGH TOUGHNESS AND HIGH TENSILE STRENGTH THICK STEEL
PLATE AND PRODUCTION METHOD THEREFOR

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A high toughness and high tensile strength thick steel plate has a plate thickness of 100 mm or more, wherein a reduction of area in a center of the plate thickness by tension in a plate thickness direction is 40% or more.

Thus, a high tensile strength thick steel plate with excellent strength and
10 toughness in a center of the plate thickness can be obtained with no need for a larger production line, even in the case of producing a high strength thick steel plate for which the addition amount of alloying element needs to be increased.

15 (FIG. 1)