## **Seamless Stainless Steel Pipe**\*

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## 1 Introduction

With its application expanding in recent years, stainless steel is showing a high growth of demand. In the field of steel pipe, too, the demand for stainless steel is growing, owing to its excellent corrosion resistance, heat resistance, high-temperature strength and low-temperature toughness as essential nining material not

steel pipe which is made by this Mannesmann pipe-making method.

## 2 Manufacturing Method

Pipe with its outside diameter up to 7" is manufactured by Mannesmann mandrel mill method (cond)

shows the features of pipe-making by the Mannesmann method.

## 3.4 Microstructures

Microstructures etched by the 10% oxalic acid are shown in **Photo 1**. No ditch structure or no precipitation of carbides is observed on the austenite grain boundary, thereby indicating that carbon is in the condition of



Outer

