

“CHLY980”, a TS980MPa Grade Cold-Rolled Steel Sheet with Excellent Formability*

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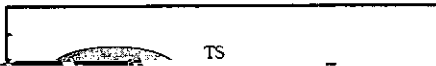
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1 Introduction

Demand for high-tensile-strength steels is increasing because of improvement of crashworthiness and weight lightening of car body in white. Elongation generally

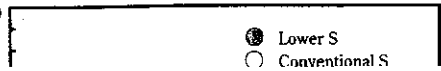
in pressed parts, it may sometimes be important to ensure stretch flanging formability in addition to stretch formability, etc. in some shapes of parts. The hole expansion ratio is widely used as an index for evaluating stretch flanging formability and it is known that the hole

1200



TS

100



● Lower S
○ Conventional S