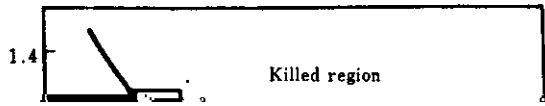




# Development of a Low-Carbon Resulfurized Free Cutting Steel

for Continuous Casting and Its Properties\*



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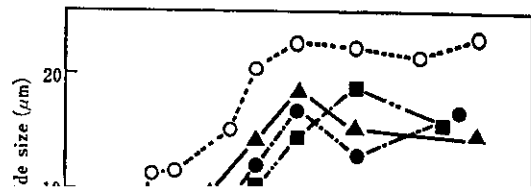
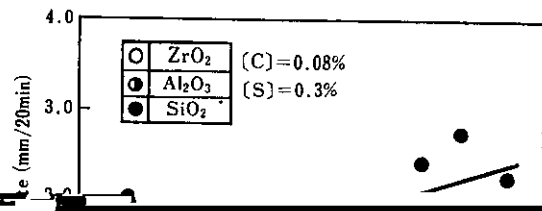
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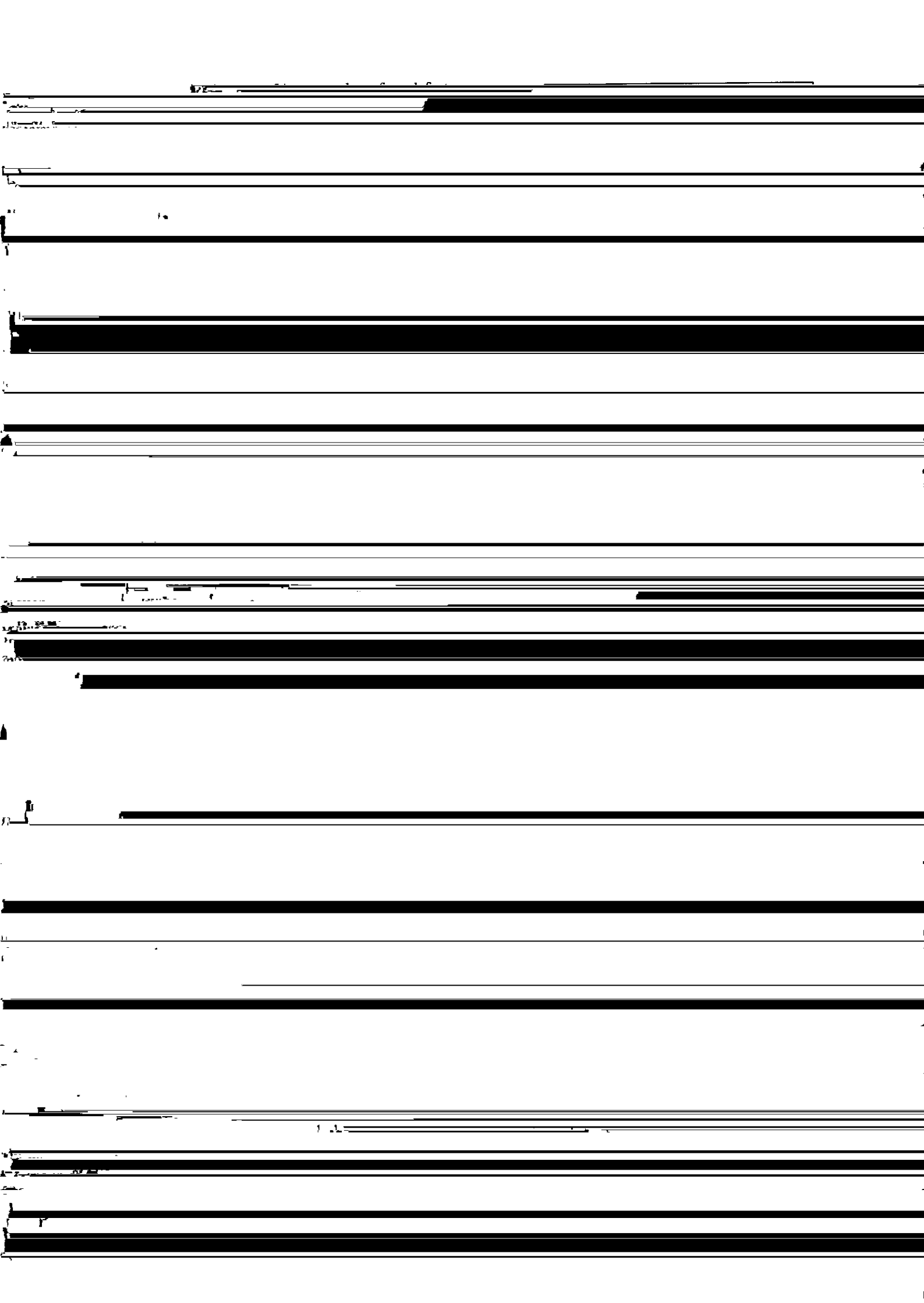
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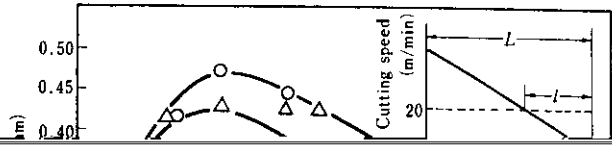


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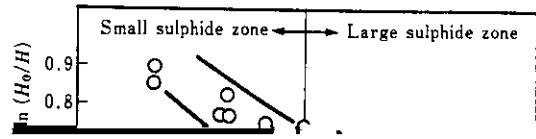
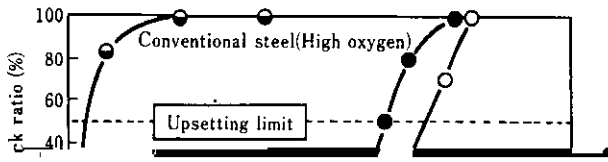
The relationship between area reduction and the tool life evaluated through the turning test using H.S.S.

As shown in Fig. 16, the faster the cutting speed and the greater the area reduction, the smaller the

The reduced ductility caused by drawing acts favorably on the surface roughness and chip thickness. Particularly, with the carbide tool in which the build-up edge is generated less extensively than in the H.S.S. tool, the chip thickness and surface roughness







[The following text is heavily obscured by horizontal black bars and is therefore illegible.]