

Recent Growth in Demand

for Stainless Steel with Multi-Functionality*

Synopsis:

The development of stainless steel production facilities and steel grades in Kawasaki Steel supports the

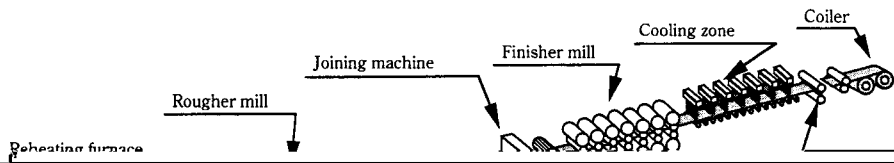


Disintegration of

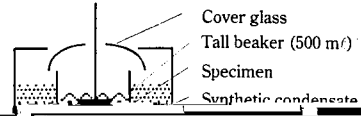
Decomposition of

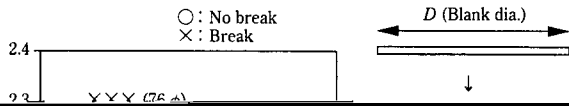
Lower cost refining

[Redacted]



Procedure:
Specimen pre-oxidation in air at 400°C for 5 h.
Full immersion in synthetic condensate at 80°C





3.1.3 Metal honeycomb material

In the catalytic converter, which is used as a coun-

Table 2 Mechanical and physical properties of





is an outstanding steel grade in this respect. A basically sufficient deep drawing property for practical applications can be imparted to this product, but the stripe pattern called "ridging" occurs when deep drawing is performed with this steel. Thus, even though it is possible to form the desired product, it has the drawback of



Testing condition
Thickness: 0.68 mm
Punch dia.: 33 mm
Blanking force
for ferritic grade: 0.5 t
for type 304: 1.0 t