

KES

Ericson Test Standard

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1. Scope of application

This standard shall prescribe the measuring method for Ericson value of steel plate for a vehicle body.

2. Meaning of words

(1) Ericson test method A

It is Ericson test method operated in the conditions of making a gap of 0.05mm besides a thickness of a sample between die and patterned press.

(2) Ericson test method B

It is Ericson test method operated in the conditions of pressing a sample constantly with connection load of about 1000 kg f by die and patterned press.

(3) Ericson value

In Ericson test, It is the value of mm unit expressing the transfer distance of punch end from a surface of patterned press until crack come into being in back of at least 1 test.

3. Test slice

Test slices are 3 types of test slice No.1 ~ No.3 according to a shape, dimension is expressed according to the following table. However, in case that dimension of material is under 90mm,change the dimension 90mm of the table to 70mm. In this case, the reason is wrote clearly in test result

Table Dimension of test slice

Unit : mm

Type	Dimension
No.1 test slice	Strip type of width 90±2
No.2 test slice	Square type of side 90±2
No.3 test slice	Circle type of diameter 90±2