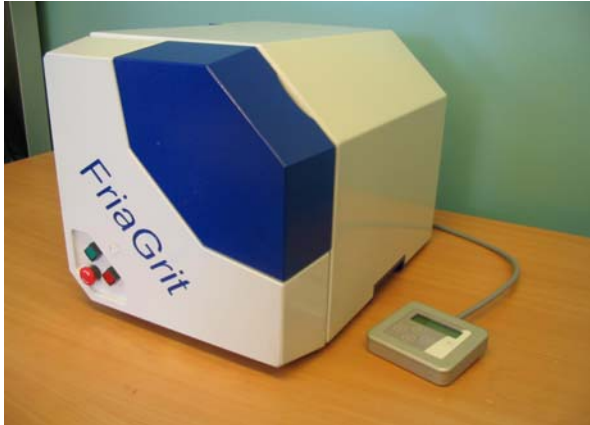


FRIATEST

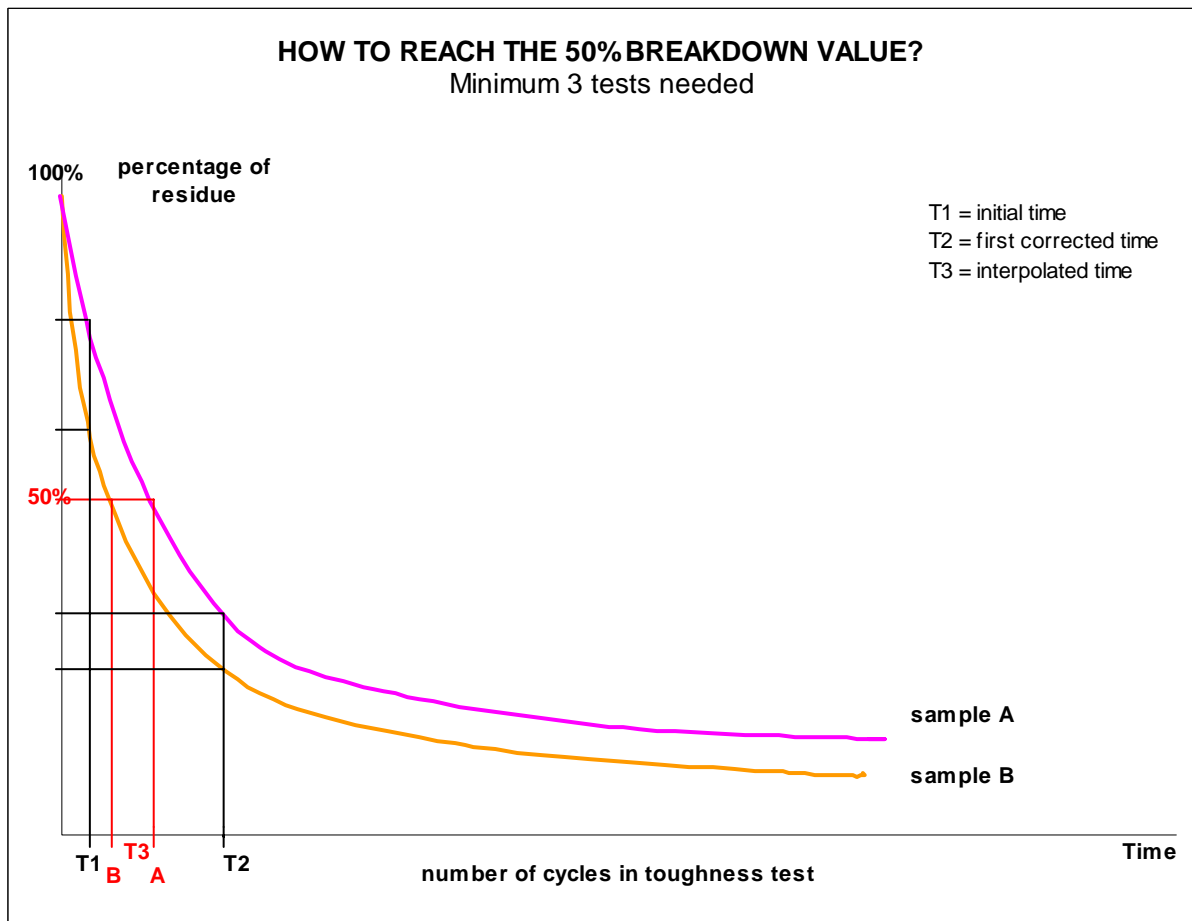
Toughness Index (TI) and Thermal Toughness Index (TTI)



A method measuring the impact strength of diamond grits, based on the principle that the friability test will be applied until 50% of the grits are broken. The time needed to reach this stage will be considered.

Such test will be performed several times (most often 3 times) in order to precisely estimate the time required.

The advantages of this iterative method are reproductibility and higher precision of measurement.



The same test will be performed after thermal treatment in order to evaluate the thermal stability of a diamond type (TTI value).