



Formula SAE Italy & Formula Electric Italy 2017 Information & Rules

FractionIncluded: a better explanation

The tooling share of the cost of a component that requires one to be produced can be better explained like this:

$(\text{Table tooling cost} * \text{Quantity} / \text{PVF}) * \text{FractionIncluded}$

The fractionIncluded must be interpreted like in the following examples:

- If in order to produce this part a single operation is sufficient, the FractionIncluded is = 1
- If in order to produce it, a second operation is needed (for example, first welding operation on the upper side, then second on the lower one) the FractionIncluded is = 2
- If, on the contrary, with a single operation two parts are produced at the same time (for instance: the combined lamination of two different parts using the same mould) the FractionIncluded is = 0,5

Of course, the FractionIncluded can have other values (bigger than 2, or smaller than 0,5) however these are the most frequent cases.