– maximal operation time for every machine (constant)

– time for solving task/test with index (constant)

– total number of tests (constant)

– index of machine

– maximal number of machines. It is not real number of machines. Value M is used to find feasible solution. (constant)

– indicates that task/test with index on machine is arranged for solving (Boolean variable)

Limiting the maximum time for each machine:

Force all tests to run only once:

The objective function represents the number of active machines that have completed some tasks/tests: