

definition of different levels of „samples“

1st level

Demonstrator

shows single, important functionality

for different functionalities there will be different „Demonstrators“

will be hand crafted single pieces, based on available materials and processes without customized tools



2nd level

Engineering Sample

shows most, but not all important functionalities within the same unit to get first impression

will be hand crafted single pieces, based on available materials and processes without customized tools



5th level

Product

all parameters and values are final

will be produced on final materials, final processes and final customized tools

all parts are produced on mostly automated processes

4th level

Final Sample

shows all important functionalities within the same unit - also values are final

size is final, surface quality maybe not final

will be hand crafted single pieces, based on selected materials and adapted processes with dedicated customized tools



3rd level

Prototype

shows all important functionalities within the same unit - values maybe not final

size and surface quality maybe not final

will be hand crafted single pieces, based on selected materials and adapted processes with simple customized tools

within every level there will be the chance of different numbers of varieties and iterations