CUBE BASE

10_BASE_*.ipt
Base plate unit (1x1)
Add description if necessary
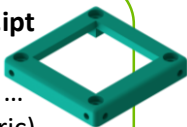Example: 10_BASE.ipt

CUBE LID

10_LID_el_*x*_v2.ipt
Cube lid
Size: 1x1, 2x1, 3x1, …
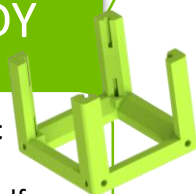el is optional (electric)
Example:
10_LID_el_1x1_v2.ipt

CUBE BODY

10_CUBE_*x*_v2.ipt
Building block unit
Size: 1x1, 2x1, 3x1, half, …
Example:
10_CUBE_1x1_v2.ipt

EXTERNAL PARTS

00_*.ipt
Objectives, eyepieces, mirrors, LEDs, cameras, etc.
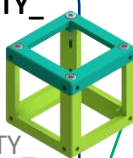Not our own designs
Example:
00_Arduino_nano.ipt

ASSEMBLY CUBE EMPTY

ASSEMBLY_CUBE_EMPTY_el_*x*_v2.iam
Complete setups
Example:
ASSEMBLY_CUBE_EMPTY_1x1_v2.iam

CUBE INSERTS

20_CUBE_*.ipt
Inserts for different functions of the cube
Perpendicular or 45°to the optical axis
Stages, Holder for mirror, lens, camera, etc.
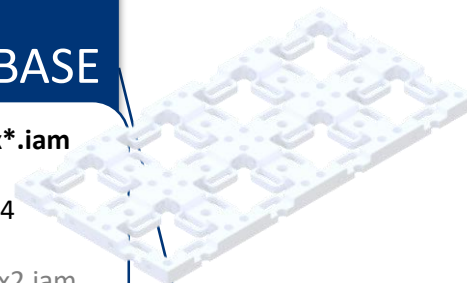Example:
20_CUBE_Insert_RaspiCam.ipt

ASSEMBLY BASE

ASEMBLY_BASE_*x*.iam
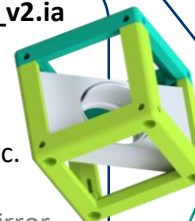Base plate
Size: from 2x1 to 4x4
Example:
ASSEMBLY_BASE_4x2.iam

ASSEMBLY CUBE INSERT

ASSEMBLY_CUBE_*_v2.iam
Cubes with different functions, housing mirror, objectives, etc.
Example:
ASSEMBLY_CUBE_Mirror_v2.iam

OTHER INSERTS

30_*.ipt
Parts for different functions that belong OUTSIDE of the cube
Stages, Holder for smartphone, sample, etc.
Example:
30_Sample_Chamber.ipt

APPLICATION MICROSCOPE vx

APPLICATION_*_vx.iam
Complete setups
Example:
APPLICATION_simple_lightsheet_v2.iam