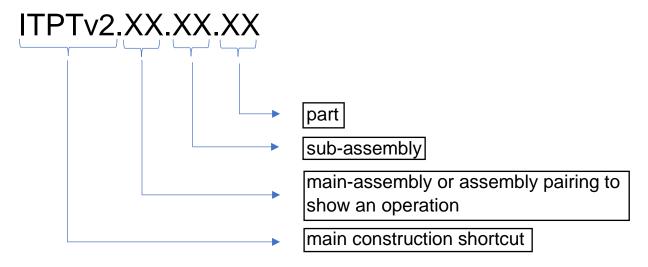
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1. Part number structure

Each part, sub-assembly or main assembly has a part number. This is composed as follows:



The part number can be found in each title block of the respective drawing or in the parts list of a sub-assembly or main assembly.

Example 1:

ITPTv2.00.00.00 (not ready yet)

Would be an overview of the ITkPixTool and its assemblies as well as individual loose related parts e.g. off-the-shelf parts, bought-in parts or single machined parts

Example 2:

ITPTv2.00.00.01

This is a single part which would be directly assigned to the ITkPixTool

Example 3:

ITPTv2.02.00.00

This is second main-assembly of the ITkPixTool

Example 4:

ITPTv2.**01**.00.**02**

This is the second machined part of first main-assembly of the ITkPixTool

2. Part and drawing revision

Each section of the tool i.e. a part, sub-assembly or main-assembly has a revision number.

The revision represents a significant alteration e.g. geometric or functional alteration. This number is numbered mathematically. (called: part rev.)

Each drawing of the tool i.e. part, sub-assembly or main-assembly also has a revision number.

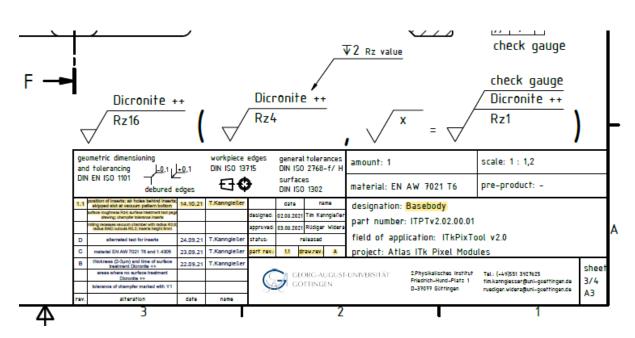
The revision of a drawing represents an alteration to the drawing itself, e.g. alteration of manufacturing instructions. (called: draw.rev.)

This number is consecutively numbered alphabetically and always refers to the latest stated part revision.

These two revision terms can be found in the title block of the drawing, as well as the corresponding alteration in the table of the title block.

This is to ensure the clear tracking of versions and their alterations.

Example:



Single part Basebody with part revision 1.1 and drawing revision starting new with A specified in the title block of the drawing.

Part rev.1.1 points out to 3D part alteration with associated drawing changes.

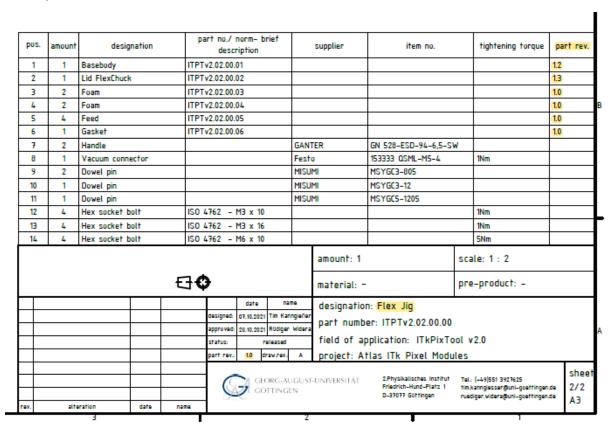
The drawing revision starts new at letter A if a part revision alteration happens.

3. Listing parts and sub-assemblies at part list

In order to be able to understand which parts or sub-assemblies with the corresponding revision belong to the respective higher-level assembly, the part revisions are written in parts list of the higher-level assembly drawing.

Except for the drawing revisions, these are only given on the corresponding individual drawings.

Example:



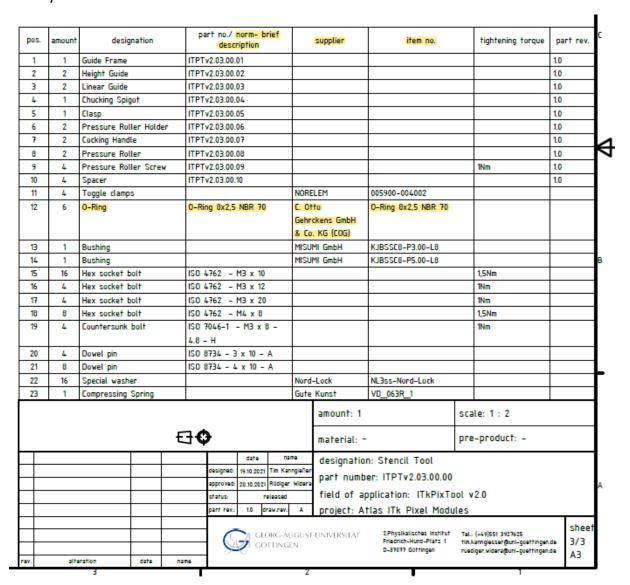
Flex Jig assembly drawing with assembly part revision 1.0, specified in the title block of the drawing.

In the parts list you can see which assemblies or single manufacturing components with their corresponding revision numbers are hidden behind that assembly drawing.

4. Listing external parts at part list

For external components, the manufacturer/ supplier, as well as standard/ brief description and the item number are listed in the parts list of the assembly drawings of the respective assembly.

Example:



O-Ring as off-the-shelf part/ external part with its norm- brief description, supplier and item number.

5. Assembly for operation

Assembly to show a feature step of the ITkPixTool operation. All needed main-assemblies and additional external parts are listed in the part list.

