

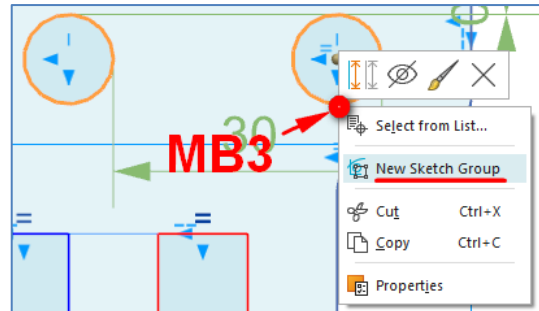
## NX-Sketch Group

Do you sometimes have complex sketches and want a structuring tool for a better overview? Then the 'Sketch groups' theme is the solution and offers the following options, for example:

- Create an active sketch group in which all new sketch elements are included.
- A sketch group can be assigned a color.
- Sketch groups can be completely hidden and shown.

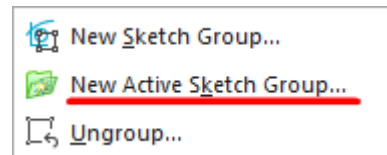
### Creating sketch groups:

You can select curves and dimensions within a sketch and summarise them as a 'sketch group' using the right mouse button (MB3) and its pull-down menu.

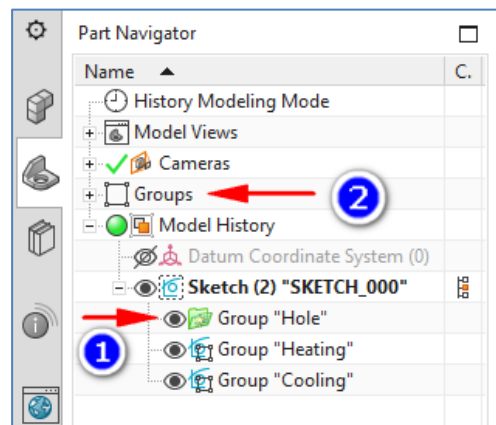


Alternative function call:

Menu + Format + Group + New Active Sketch Group or ... + New Sketch Group



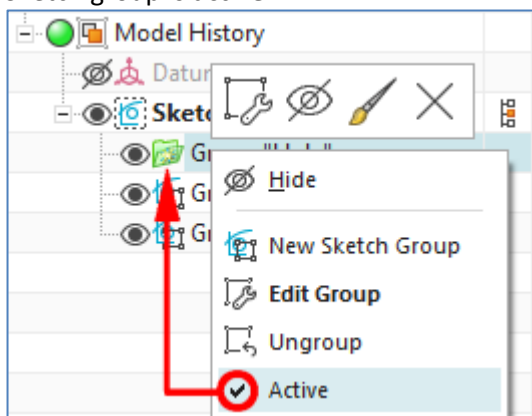
In the **Parts Navigator**, sketch groups are displayed under the 'Model History (1)' tab and under the 'Groups (2)' tab.



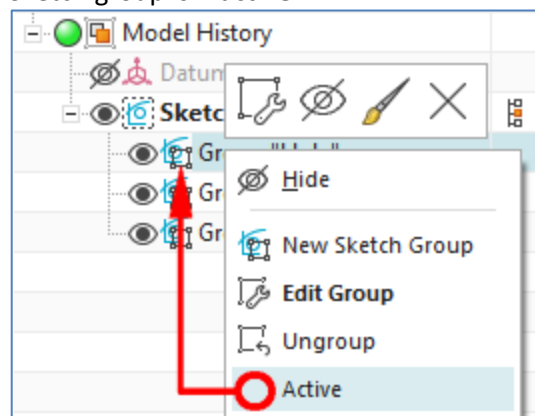
The **active sketch group** is indicated by the green icon to the right of the eye. New sketch elements are automatically assigned to the active sketch.

With the right mouse button (MB3) you can switch the group active or inactive. If no group is active, new sketch elements are assigned directly to the sketch (see images below).

### Sketch group is active



### Sketch group is inactive



The image on the right shows the **dialogue window** for a new sketch group.

**Object:** You can select geometric sketch objects and dimensions.

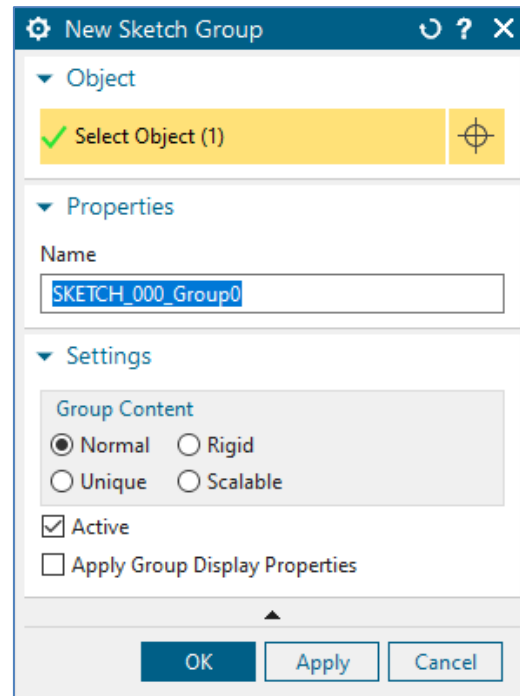
**Name:** Unique group name that describes the content as well as possible.

**Group Content:**

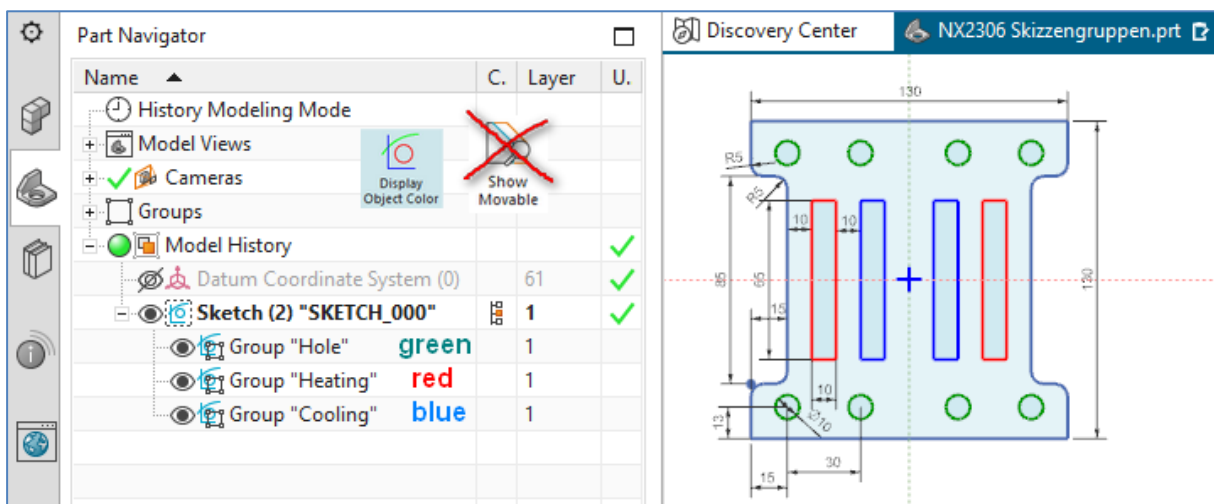
**Normal:** Grouping to better structure large sketches. The objects can appear in several groups here. You can easily show and hide these groups or assign colors to them.

**Unique:** The elements may only be contained in one group here.

**Rigid:** The elements it contains are defined as a rigid object, i.e. if you move an inactive rigid group, all the elements it contains are moved synchronously, regardless of whether they are fully defined or not.



**Scaleable:** The contained elements become a rigid group, which is however scalable.



I would be delighted if this NX Smart tip was useful to you. Do you have any questions?

Just get in touch with me:



Your NX trainer, consultant and service provider

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