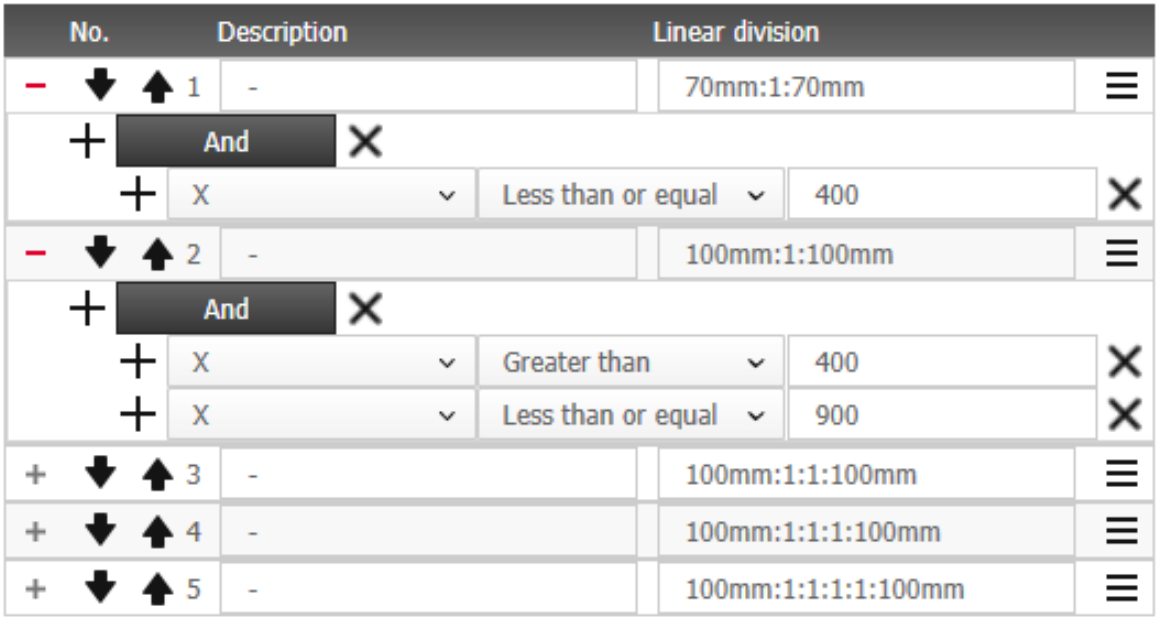
Descriptor



Creation Date: 23.09.2019; Last change: 06.02.2020 Used Version: imos iX 2019 SR1

Content

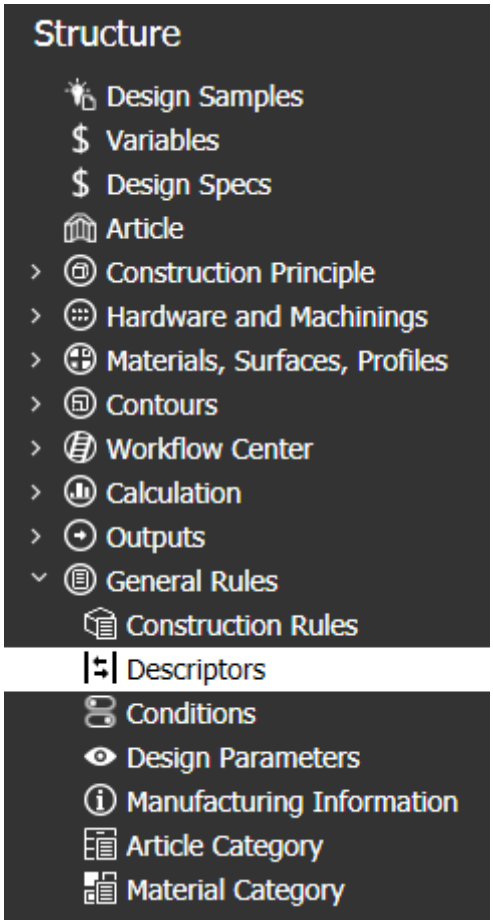
1. General

The Descriptors are administrated in the Element Manager and are used in linear divisions.

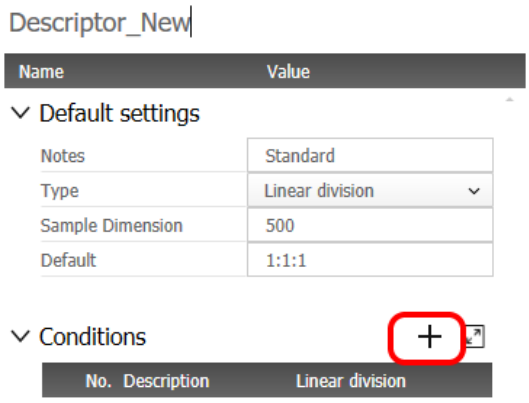
The descriptors are located beneath the node **General Rules**.

There is a graphical user interface for simplifying the handling available in the data system. This is an advantage for the definition of the operators in particular.

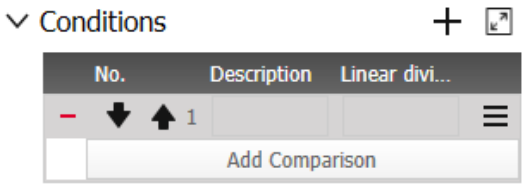
Besides, nesting can be made with the definition of the conditions.



2. Set up new condition

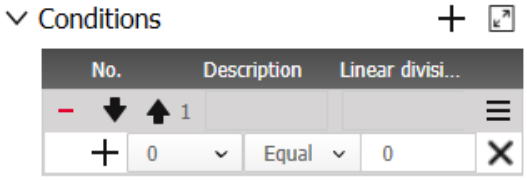


For defining a new condition for a descriptor, click on the plus sign next to **Conditions**.



A new row appears where a **Linear division** and **Description** can be defined.

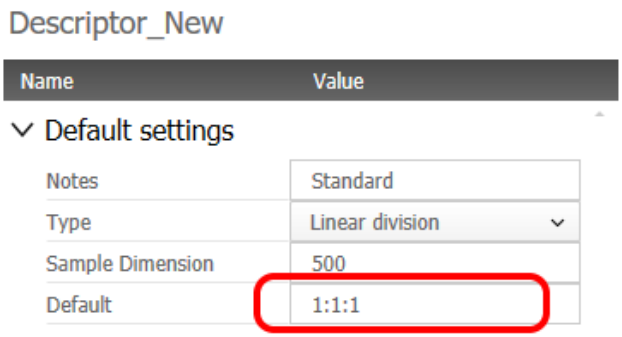
Now a **Condition** can be defined for this linear division. For this purpose, click on the button **Add comparison**.



Now a condition for the linear division can be defined.

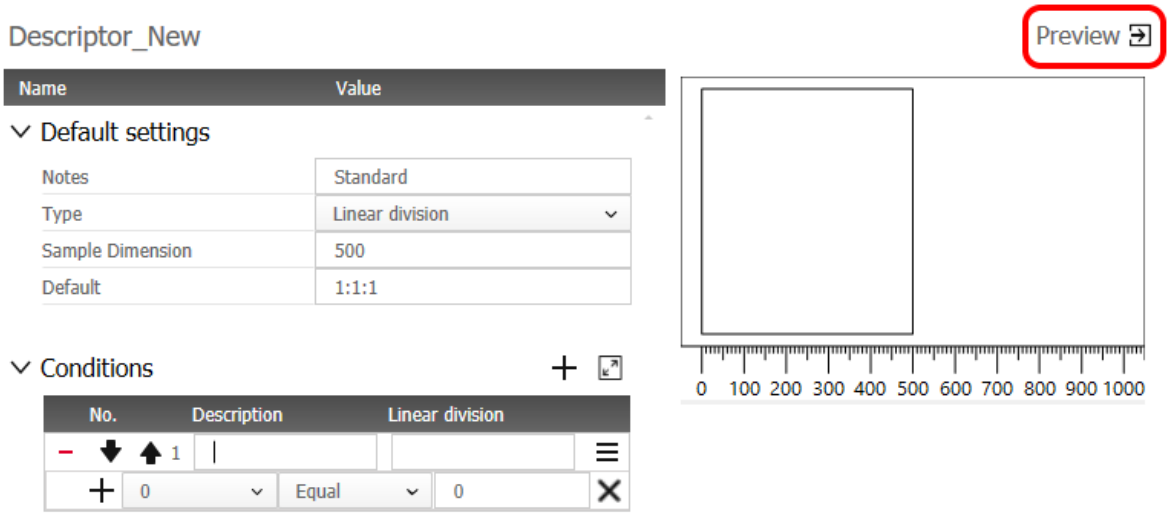
3. Define default

The default value for a linear division is always used, if none of the defined conditions is valid for the current situation.



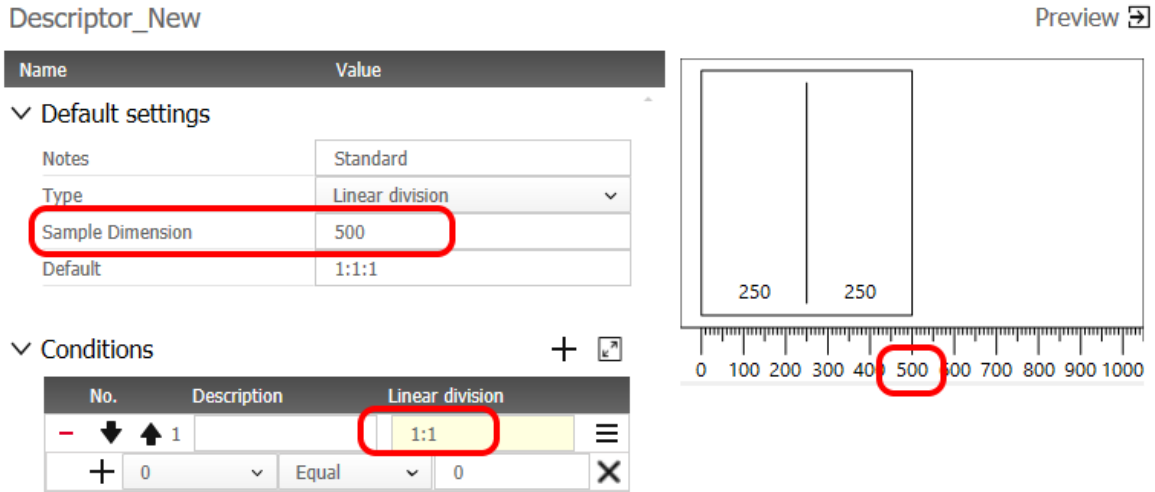
4. Preview

A preview of the defined division can be displayed on the right side. For displaying the preview, click on the arrow next to **Preview**.

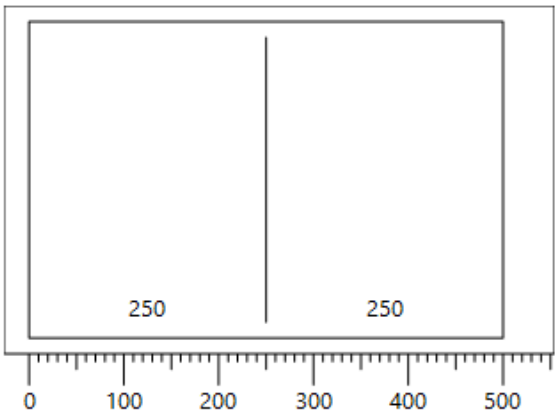


If a condition is clicked in the row, then the corresponding preview is displayed on the right side referring to the defined preview length.

The assigned comparison has no influence on the display!



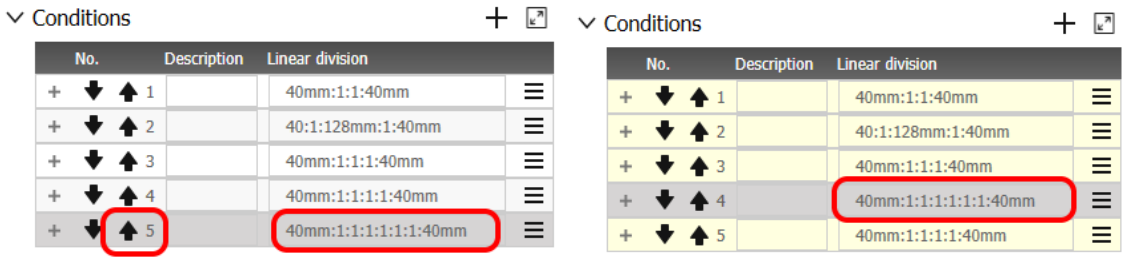
If the display on the right is too small, then the mouse just has to be clicked as much as possible to the right in the preview and the dimension sample is adjusted.



5. Change sequence of the conditions

The **sequence** of the created conditions can still be modified later.

For this purpose, the corresponding row must be clicked and then either click on the arrow above or below so that the row can be moved!



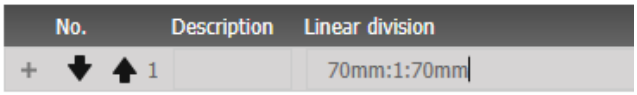
6. Example

The set up of a descriptor is described by meand of an example.

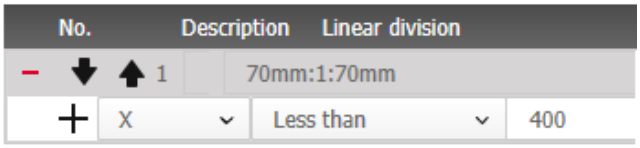
A descriptor for a hinge is needed. The following conditions must be observed:

1. For small doors that have a dimension **smaller than 400mm**, **2 hinges** should be used.
   They a **distance of 70mm** to the edge of the door.
2. For a door dimension between **400mm and 900mm** also **2 hinges** are insertd, but with a **distance of 100mm** to the edge of the door.
3. And for door dimension between **900 and 1600mm 3 hinges** are inserted.
   With a distance of 100mm to the edge of the door.
4. **4 Hinges** are inserted as **Default**.
   With a distance of 100mm to the edge of the door.

Start with the **smallest** dimension!

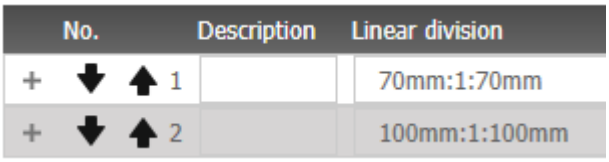


First the linear division is defined:
70mm:1:70mm

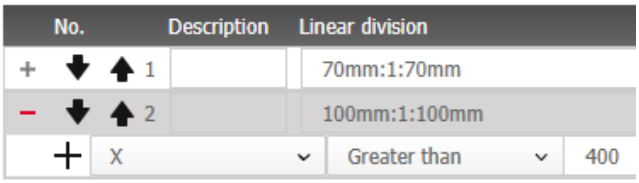


Afterwards a comparison is added that is defined as follows:

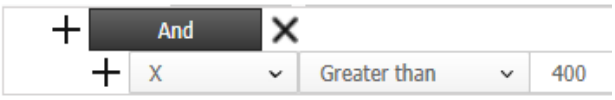
It is **not necessary** to enter a **dimension** for the comparison.



Then click on the grey plus behind **Conditions** to add a new condition.
Therefor define a linear division of **100mm:1:100mm**.

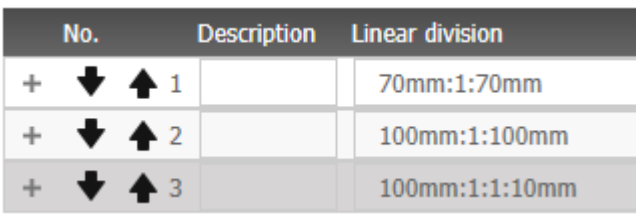


Define the following **comparison**
Afterwards click on the **plus in front of the new comparison.**

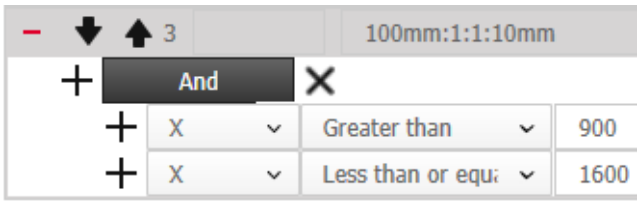


Thus, the operator appears.
Then click on the plus in front of the operator to add the second comparison.

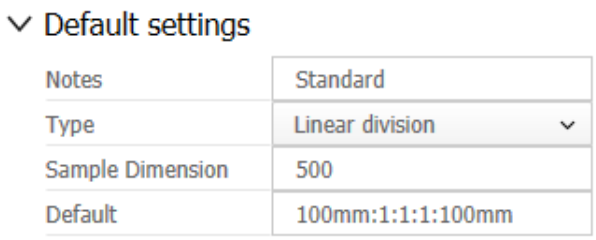
The second comparison looks as follows:



Now the third condition has to be defined. So, click on the plus behind **Conditions**.
The linear division has to be **100mm:1:1:10mm**.



The comparison has to be same as already described in step 2.



In the last step the default is defined.
Therefor you have to define a linear division of
100mm:1:1:1:100mm