

## **Image acquisition**

Place the pattern in order to make coincide the cross with the center of the field.

When setting the focus, make sure the pattern lines are as distinct as possible. Intensity is maximum when focus depth is optimum. You can use the image histogram to set the focal depth.

Image dynamic is a key element in the analysis. We recommend saving the image using the best dynamic possible (12 or 16-bits).

## **Procedure**

1. Load the field of rings image.
2. By default, if one of the rows (or columns) of rings is incomplete, the algorithm discards these rings of the analysis. If needed, crop the image. Click "Crop".
3. Click on « Run » to run the analysis.

## **Results**

The intensity profile of the green line crosses the weighted centroid of the most intense areas and the minimum intensity of the homogeneity map.

You can draw your own intensity profile:

- First, place a reference. Click and hold the left mouse button to control the profile direction.
- Release the button, then double click to update the intensity profile.

Right click on the intensity profile graph to edit it.

Fly over a curve with your mouse to see its main data.

To switch from a normalized display (with maximized contrast) to a non-normalized contrast, use the "Normalized homogeneity map" button.

