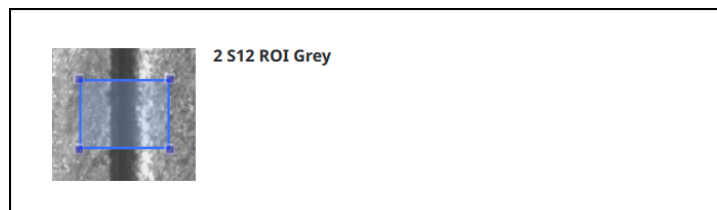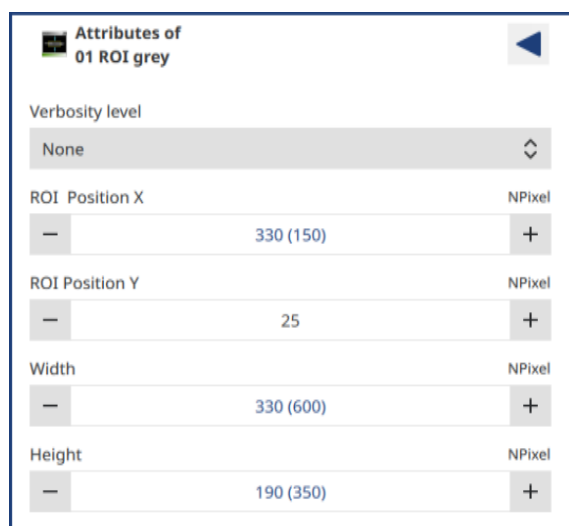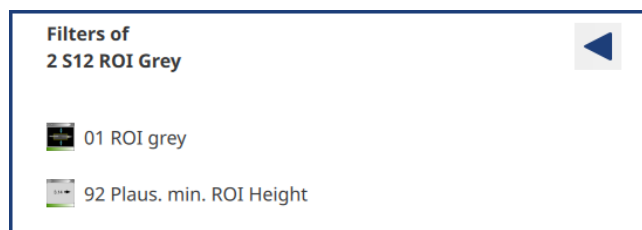# *2 - S12 ROI Grey*

- ■ **Description**

Definition of the rectangle of the ROI (**R**egion **O**f **I**nterest) for the grey image seam search and analysis with a fixed position over all images of the seam.
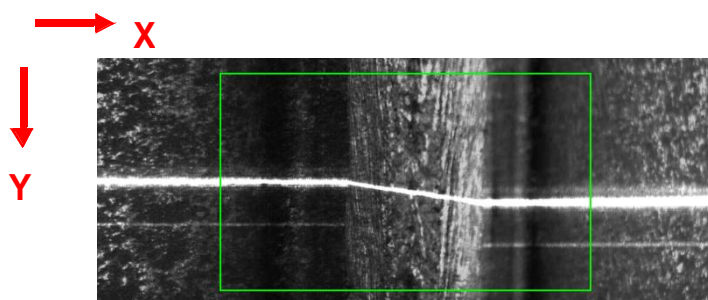
- ■ **Icon**

2 S12 ROI Grey

- ■ **Parameters**

**Filters of
2 S12 ROI Grey** ◀

◧ 01 ROI grey

▦ 92 Plaus. min. ROI Height

**Attributes of
01 ROI grey** ◀

Verbosity level

| None | ↕ |

ROI Position X   NPixel

| — | 330 (150) | + |

ROI Position Y   NPixel

| — | 25 | + |

Width   NPixel

| — | 330 (600) | + |

Height   NPixel

| — | 190 (350) | + |

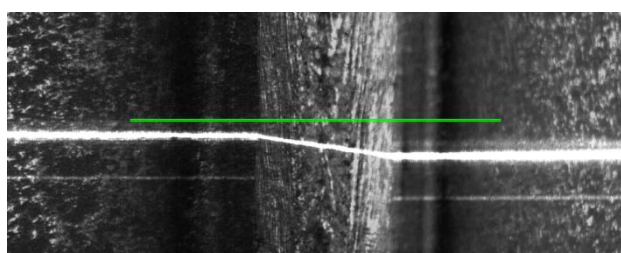| Parameter	Comment
Verbosity level	Selection of verbosity level. Larger verbosity levels offer more overlay information.
ROI Position X	Start position X of the rectangle (ROI). [Pixel]
ROI Position Y	Start position Y of the rectangle (ROI). [Pixel]
Width	Width of the rectangle (ROI). [Pixel]
Height	Height of the rectangle (ROI). [Pixel]

Verbosity example:
The green rectangle shows the set grey image ROI.

Note:
If the displayed green rectangle is only a small horizontal line then the parameters of subgraph "1 S10 Camera with StartEnd" should be checked!

Attributes of
92 Plaus. min. ROI Height

Number

20.000

Parameter	Comment
Number	Threshold for the minimum ROI height of plausibility check. If the set value is lower than the threshold, the ROI is invalid. [Pixel]

- **Measured values for plotter**

730	0/1	ROI grey valid

- **Subgraphs interface**

IN bridges   **OUT bridges**

image	Img	image	ROI grey
start end info	Start end info	value	ROI grey X / Y / W / H ROI grey valid