



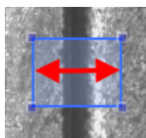
2 - S32 ROI Grey moving

■ Description

Definition of two rectangles of ROI (**R**egion **O**f Interest) for setting

- a large ROI which contains a small “moving ROI”
- a small “moving ROI” for the grey image seam search depending on the last found seam position

■ Icon



2 S32 ROI Grey moving
dynamic grey ROI based on last found position

■ Parameters

Filters of
2 S32 ROI Grey moving



01 ROI grey




03 ROI Grey moving w



37 ROI moving



92 Plaus. min. ROI Height



Attributes of
01 ROI grey

Verbosity level
 None

ROI Position X
 — 140 (260) +

ROI Position Y
 — 30 (289) +

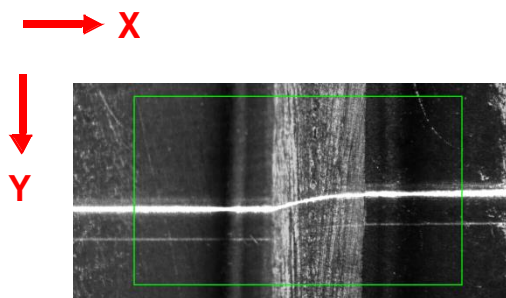
Width
 — 750 (507) +

Height
 — 220 (403) +

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 large ROI where the small “moving ROI” will be placed to search for the weld seam.





Attributes of
03 ROI Grey moving w

Number

Parameter	Comment
Number	Fix width of the small “moving ROI”. The horizontal position is centered to the seam center position found in the before image. [Pixel]

Attributes of
37 ROI moving

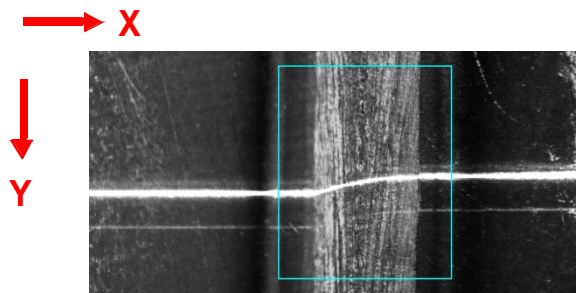
Verbosity level



None

Parameter	Comment
Verbosity level	Selection of verbosity level. Larger verbosity levels offer more overlay information.

Verbosity example:

The blue rectangle shows the horizontally adjusted small “moving ROI” to search for the weld seam.




Attributes of
 92 Plaus. min. ROI Height
 

Number

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





■ Measured values for plotter

730	0/1	ROI grey valid
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■ 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



■ Graph block diagram

