|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Company  TOUR & ANDERSSON Tel +32 (0)10 68 98 83  Chaussée de Huy, 212 Fax +32 (0)10 68 09 83  B-1325 Chaumont-Gistoux, Belgium E-mail julien.smeyers@tahcollege.com | | Date | Revised | Edition | Page |
|  |  | 1 | () |
| Issuer | Approved | Title | | | |
| Julien Smeyers |  | Create new pics | | | |

# Find images

We can find images on the Tour and Andersson’s website : <http://www.tourandersson.be/cadreTA.htm> on the section ”Product catalogue”. Select the product type you want and choose ”Images gallery”, ”2D/3D”.

Select the desire product with the extension \*.dxf.

# Program used to view the dxf files

Download eDrawings on the website : <http://www.solidworks.com>

Load the desired file. Stretch to full screen in 1680\*1050 the program. Do a ”PrintScreen”.

Default size used : DN25, DN80, DN200 If these DN are not available, try to fit closer to these sizes. For Terminal Balancing Valves, we use DN20 to fit correctly with other valves category.

# Program used to managed the drawings

Use Paint Shop Pro X2.

Paste the image as a new file. Select the region wanted. Show only the selection.

Do a negative (Select Image 🡪 Negative Image) to have a white background.

Use the Magic wand tool and click on the image. This will select the border and the product.

Click on the keyboard : ”Ctrl+Shift+I” to select only the product.

Click on the keyboard : ”Shift+R” to resize the view as little as possible.

Rotate the image if needed (Select Image 🡪 Rotate left/right).

Prepare the image to resize it :

Select Adjust 🡪 Softness 🡪 Soften.

Select Adjust 🡪 Sharpness 🡪 Sharpen more.

Resize the draw as 22% of its original size at 72dpi (Image🡪Resize). Verify it fits with

Other valves (take the connection and check the width to have a good reference).

Select Adjust 🡪 Sharpness 🡪 High Pass Sharpen (Radius 10, Strenght 100, Blend mode ”Hard Light”).

Select Adjust 🡪 Sharpness 🡪 High Pass Sharpen (Radius 10, Strenght 100, Blend mode ”Hard Light”).

Select Image 🡪 Add Borders (with one pixel on each side to be sure to have no trimmed product)

Use the Flood Fill tool on all parts outside of the product with the color RGB(255,0,255,255) It will be recognize as the transparent colour. (The program set the pixel(0,0) as the color to be drawn as the transparent one).