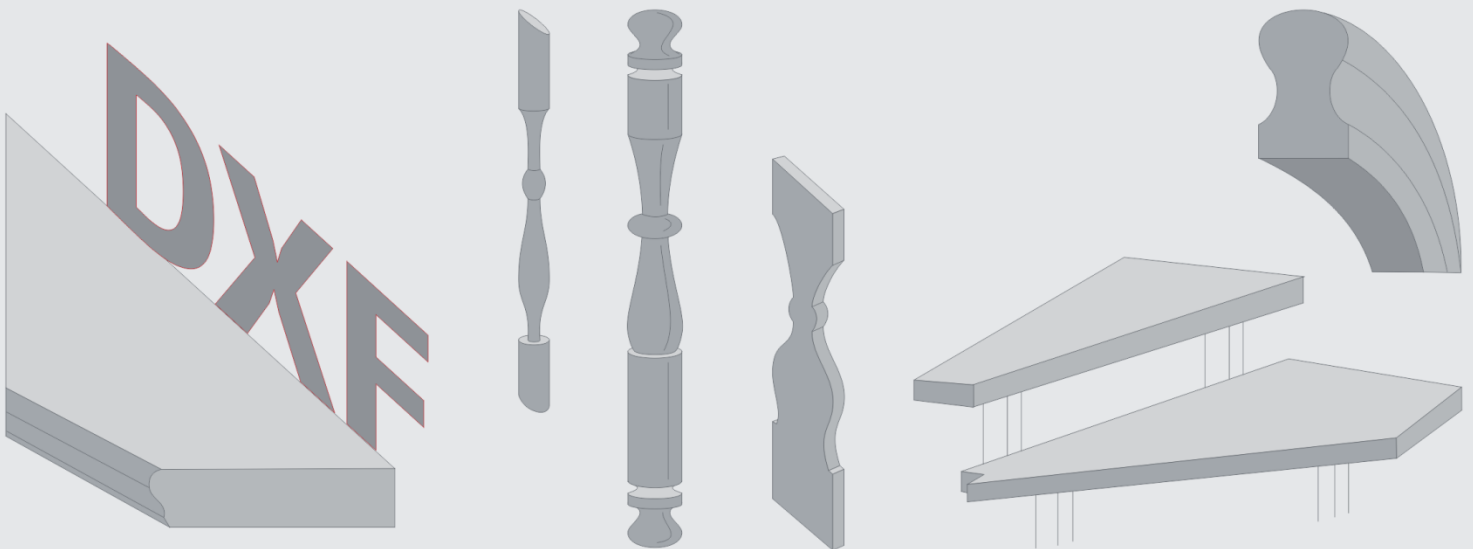


Compass Software

DXF-IMPORT GENERAL



INSTRUCTION MANUAL

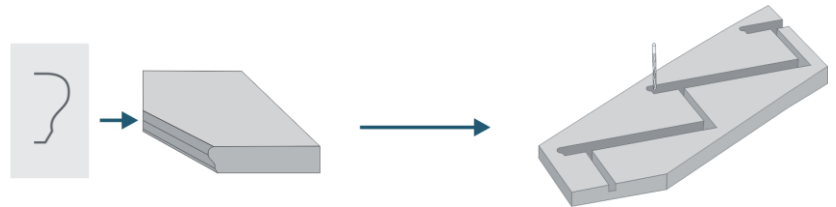
1. What Applications Allow for DXF Import	3
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DXF-Import General

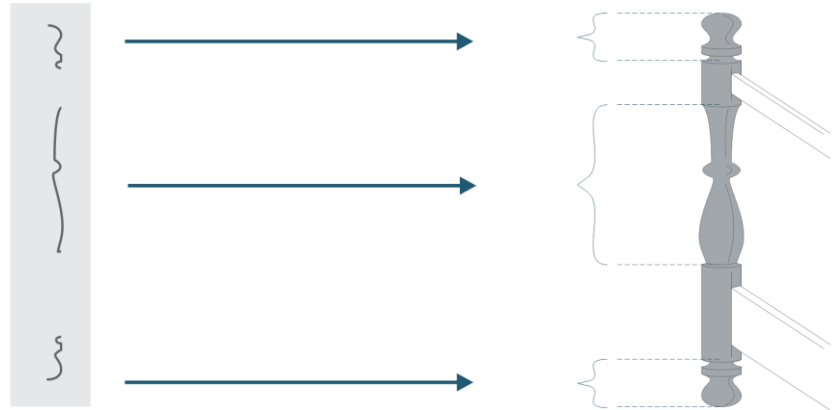
1. What Applications Allow for DXF Import

The following applications allow for import of DXF data.

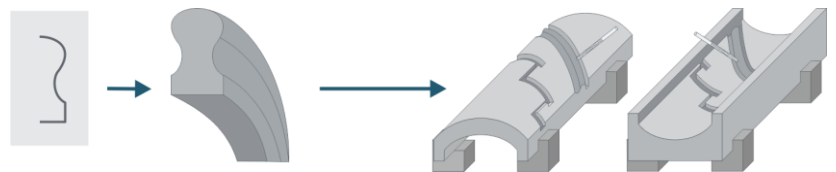
Tread Profiles



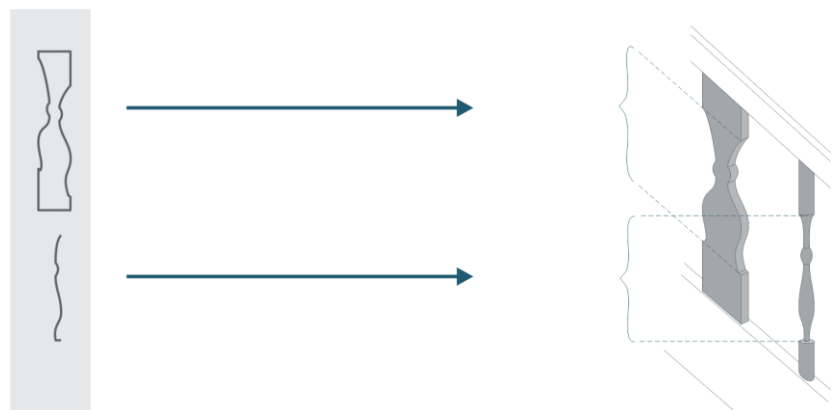
Turning Areas in Posts



Handrail Profiles



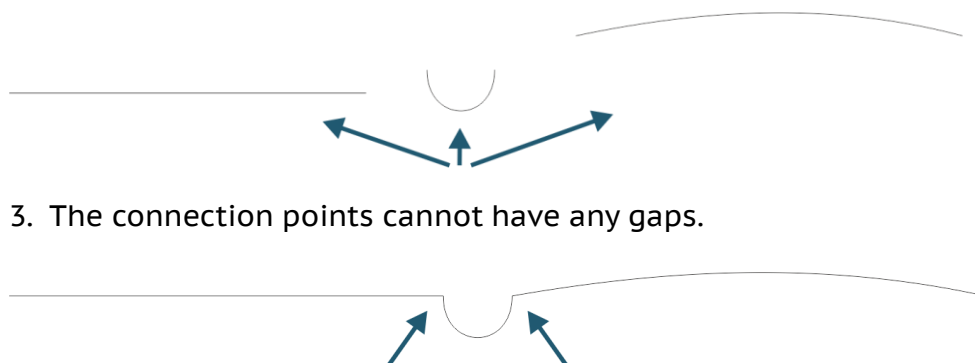
Railing Baluster Profiles



2. Requirements for DXF Drawings

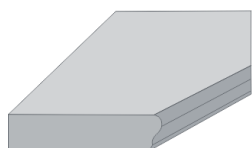
2.1 IMPORTANT ! General Rules:

1. The drawing has to be created on a 1:1 scale.
2. The drawing can only consist of lines and arches.



3. The connection points cannot have any gaps.

Tread Profile



We need the right profile.
Edges top, bottom, right.



Post with turning section



We need the right profile edge.
Edges right bottom and top.



Top
Section



We need the right profile edge.
Edges right top and right bottom.

Mid
Section



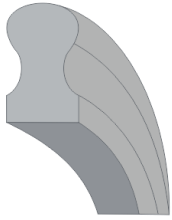
We need the right profile edge.
Edges right top and right bottom.

Bottom
Section

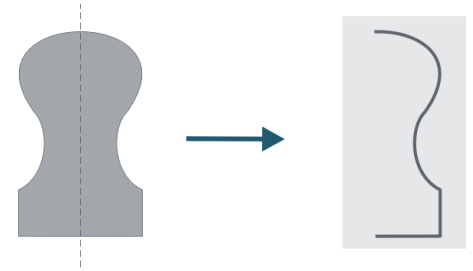


DXF-Import General

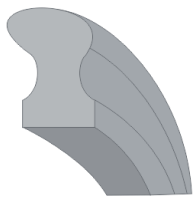
Symmetrical handrail profile



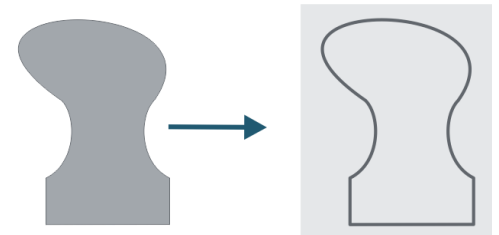
We need the right profile edge.



Asymmetrical handrail profile



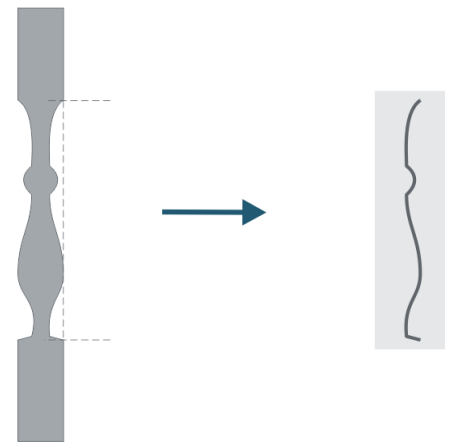
We need the entire profile.



Baluster with turning section



We need the right profile.
Edges right top and right bottom.

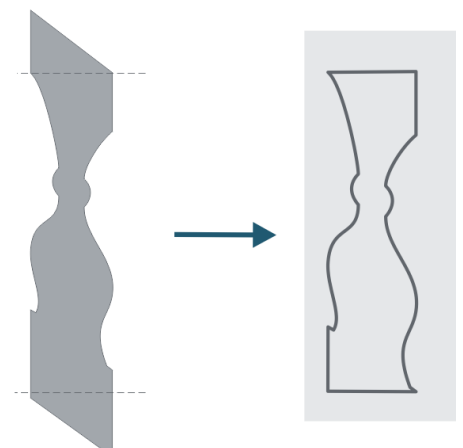


Baluster with asymmetrical profile



We need the entire profile.
Edges left top and right bottom
with a horizontal line to the
opposite side.

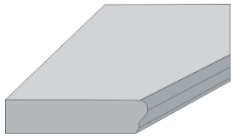
If the profile is to run opposite to itself,
you also need to mirror the drawing.



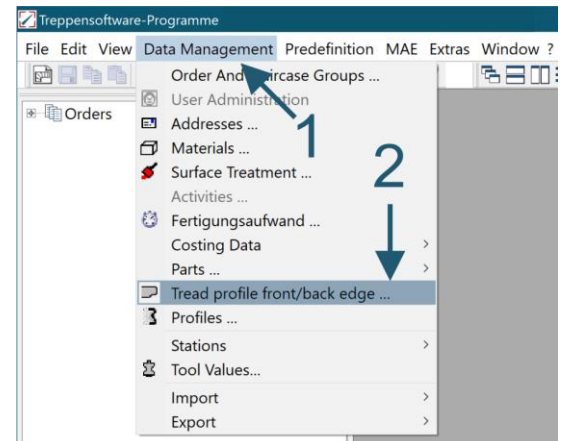
DXF-Import General

3. Import of DXF Data into the Application

3.1 Import Tread Profiles



Open **data management** (1). In the menu select **Tread profile front/back edge** (2).

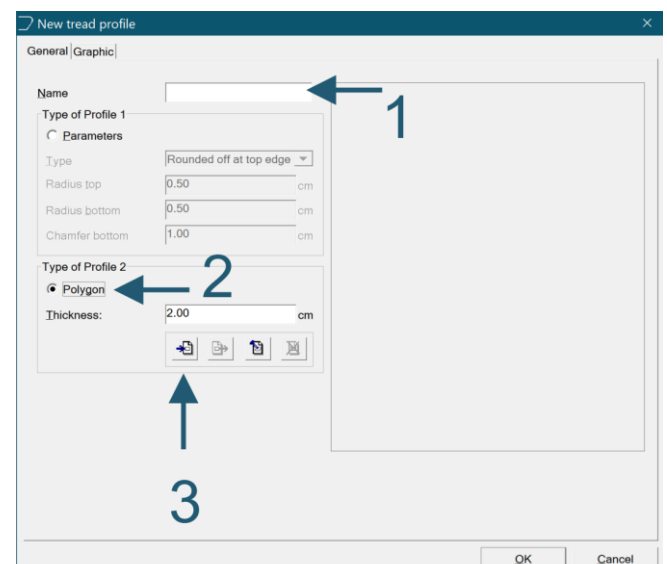


In the window that appears select **New** (1).

You can also delete, modify, or copy from the already existing profiles.



After clicking new enter the name (1). **Polygone** (2) has to be checked, then select the button for **read** (3).

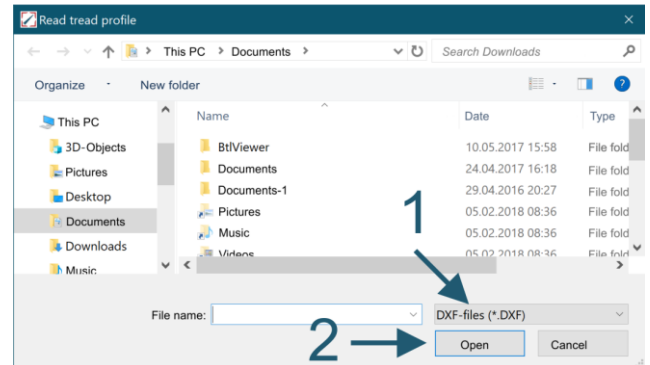


DXF-Import General

A windows command will open asking you for the location of the file.

Select a file with the type **DXF-file** (1).

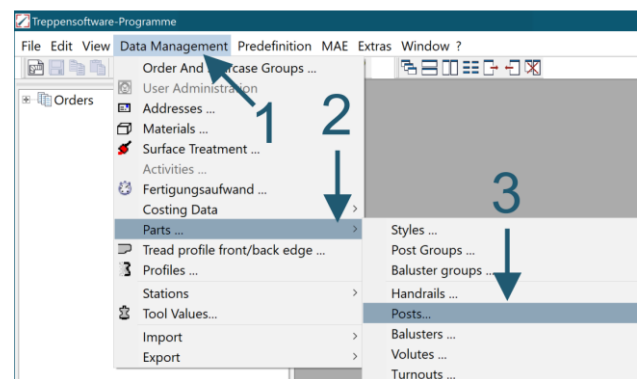
Select the file and click **open** (2).



3.2 Import Post Profiles

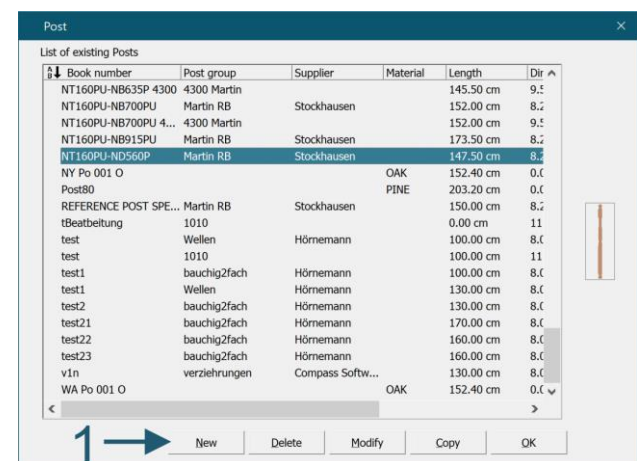


Open **data management** (1).
In the menu select **parts** (2) and
then **posts** (3).



Select **new** (1) in the window.

You can also delete, modify, or copy from the already existing profiles.

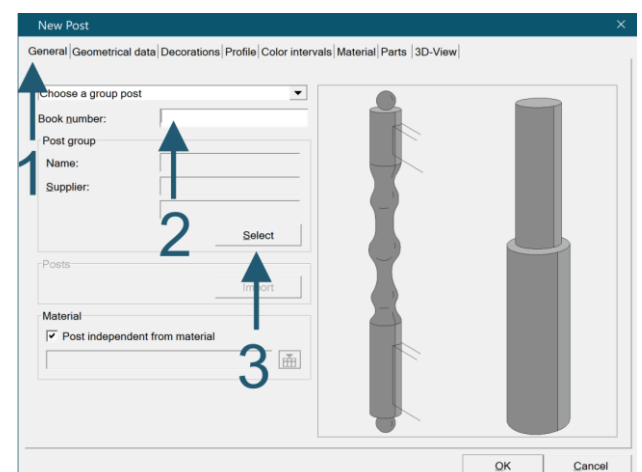


This dialog has a tab called **general** (1).

There you can enter a name or an order number (2).

Afterwards you can import a post group from your list via the **select** button (3).

The dimension is taken from this group.



DXF-Import General

Now go to the tab **geometrical data** (1).

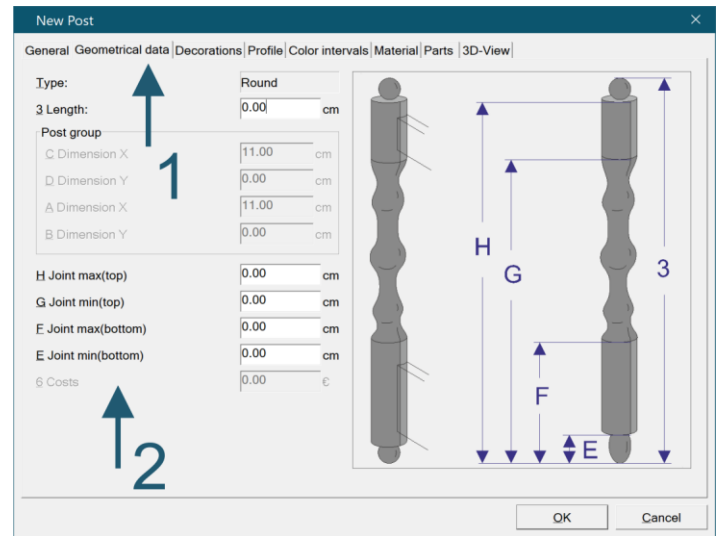
The following values have to be plausible in order to read in a profile:

(2)

Difference $\underline{Z} + \underline{H}$ for top.

Difference $\underline{E} + \underline{G}$ for the center.

Value $\underline{E}$ for the bottom.

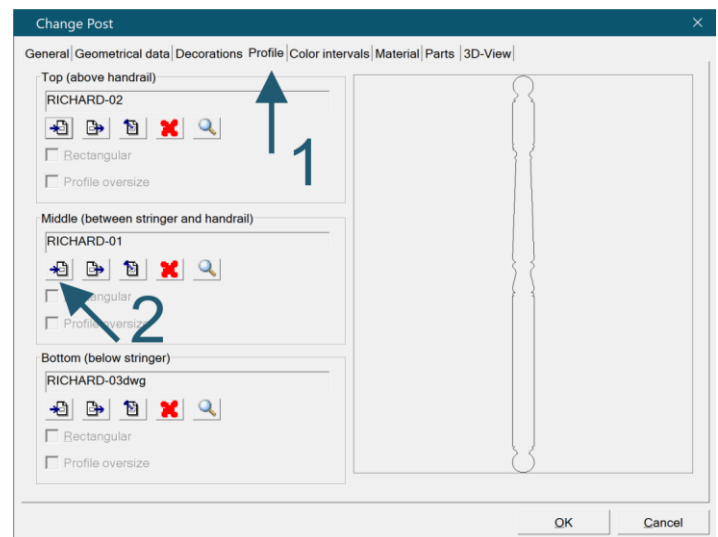


Now go to the tab **profile** (1).

There you can read in the profiles.

top
center
bottom

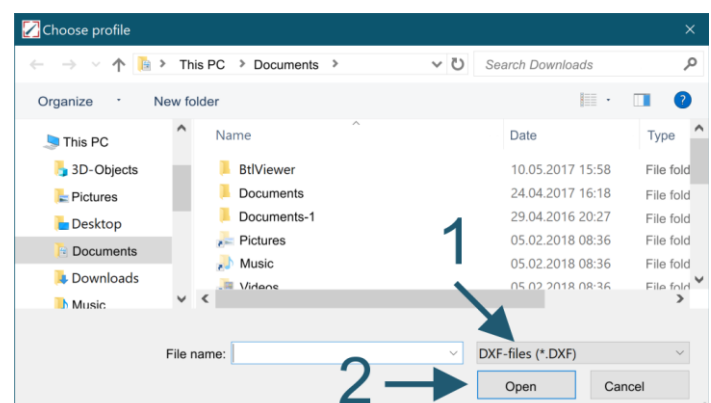
Select the button for **read in** (2) for the respective part of the profile.



A windows command will open asking you for the location of the file.

Select a file with the type **DXF-file** (1).

Select the file and click **open** (2).

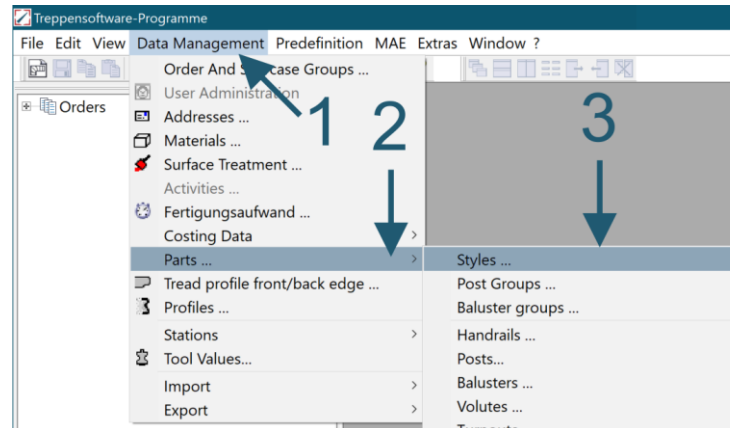


DXF-Import General

3.3 Import Handrail Profiles

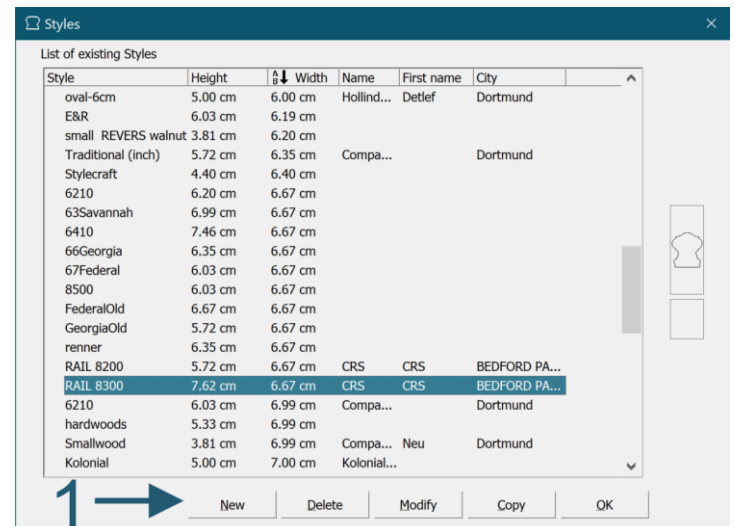


Open **data management** (1).
In the drop-down menu select **parts** (2)
and then go to **styles** (3).

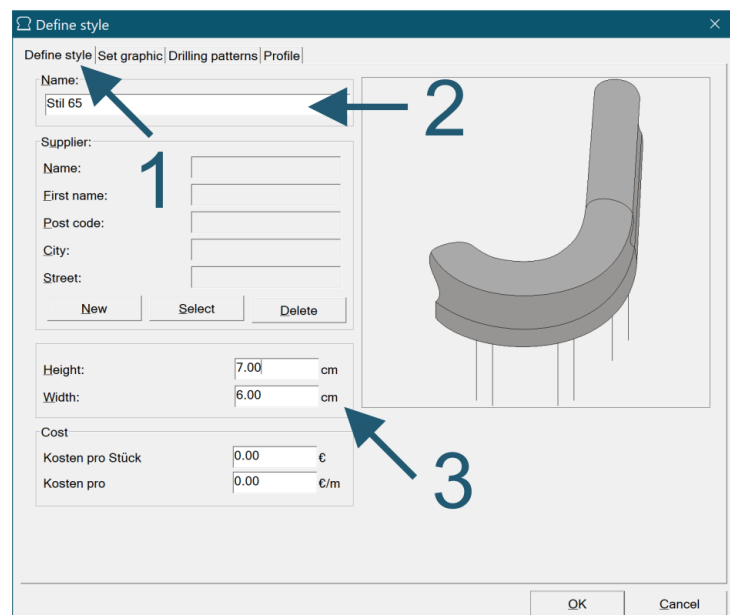


In the dialog that appears click on **new** (1).

You can also delete, modify, or copy from the
already existing profiles.



In this dialog there is a tab called
define style (1).
There you can enter the name (2), height
and width (3) of the handrail.

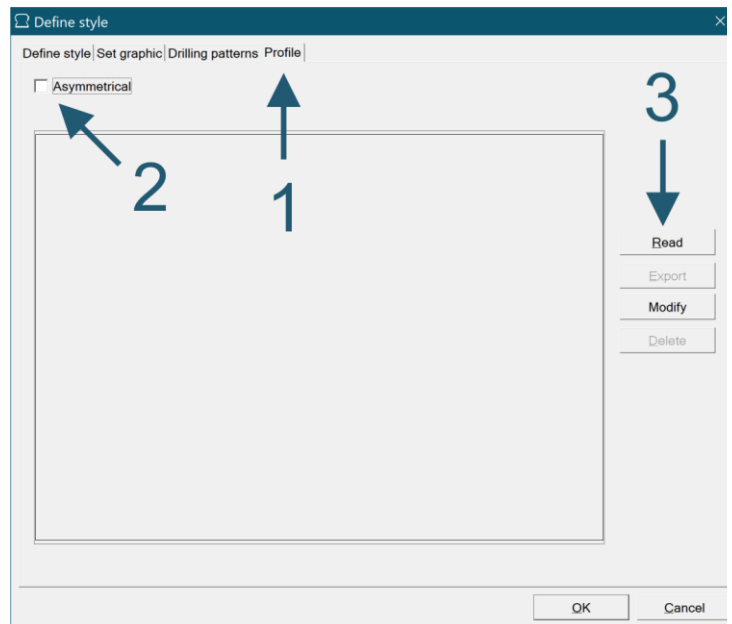


DXF-Import General

Now go to the **profile** (1) tab.

There you can choose, whether the handrail **profile** (2) is to be symmetrical (do not check box) or asymmetrical (check box).

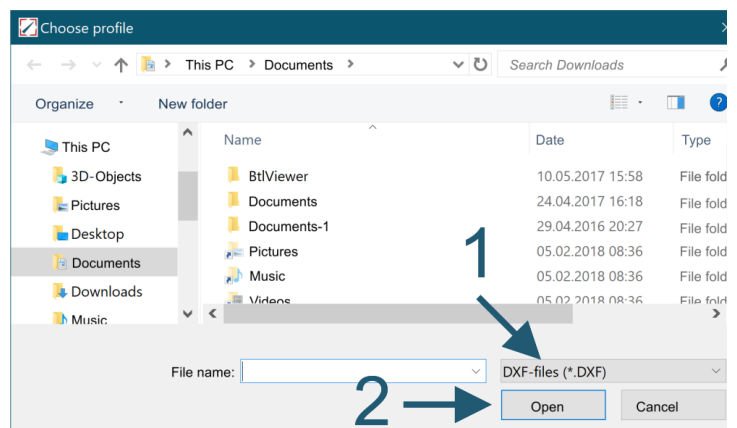
Afterwards select **read** (3) to import the respective profile.



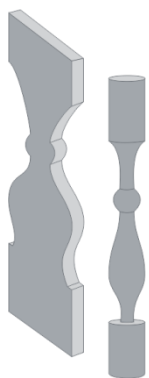
A windows command will open asking you for the location of the file.

Select a file with the type **DXF-file** (1).

Select the file and click **open** (2).

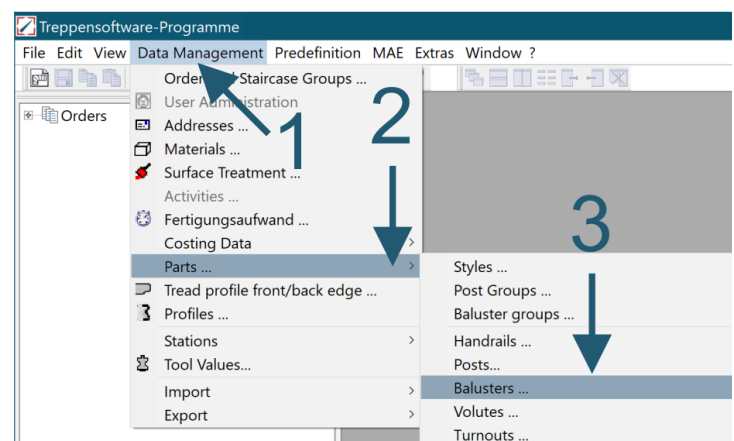


3.4 Import Baluster Profiles



Open **data management** (1).

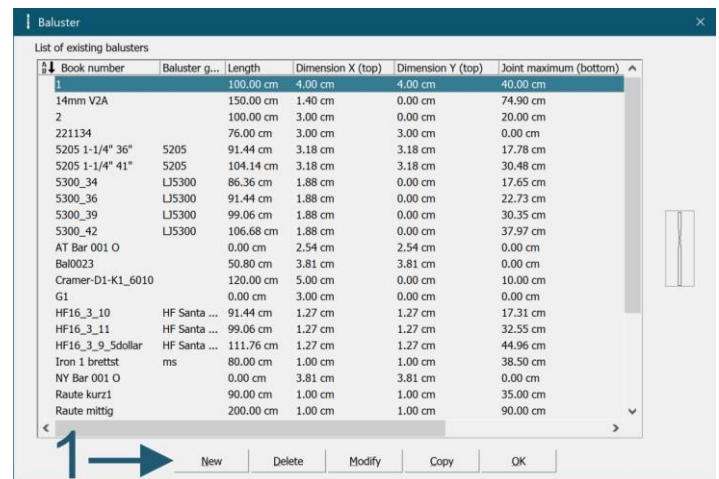
In the drop-down menu select **parts** (2) and then **balusters** (3).



DXF-Import General

In the dialog that appears click on **new** (1).

You can also delete, modify, or copy from the already existing profiles.

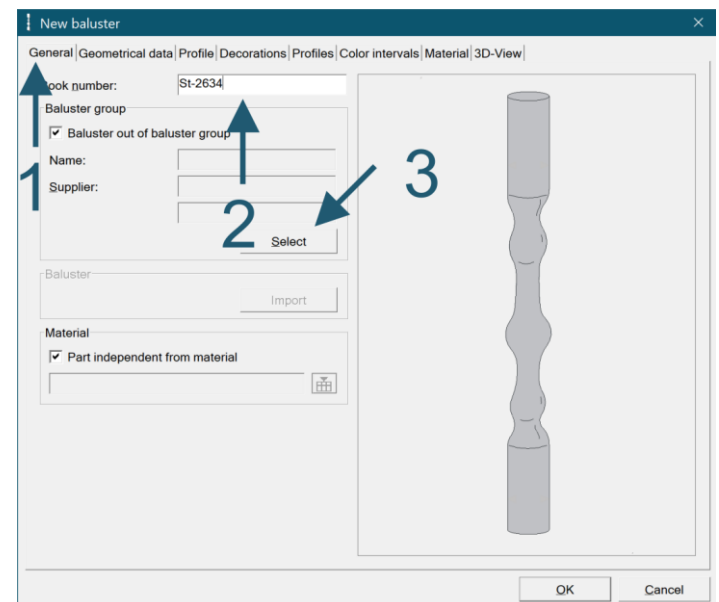


Go to the menu tab **general** (1).

There you can enter a name or an order number (2).

Afterwards you can import a baluster group from your list via the **select** button (3).

The dimension is taken from this group.

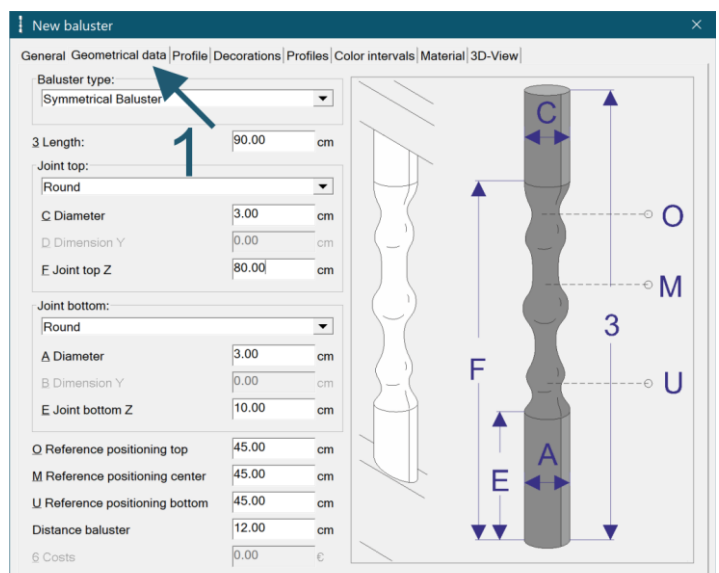


Now go to the tab **geometrical data** (1).

The following values have to be plausible in order to read in a profile:

Value 3 for the length.

Difference F + E for the profile.

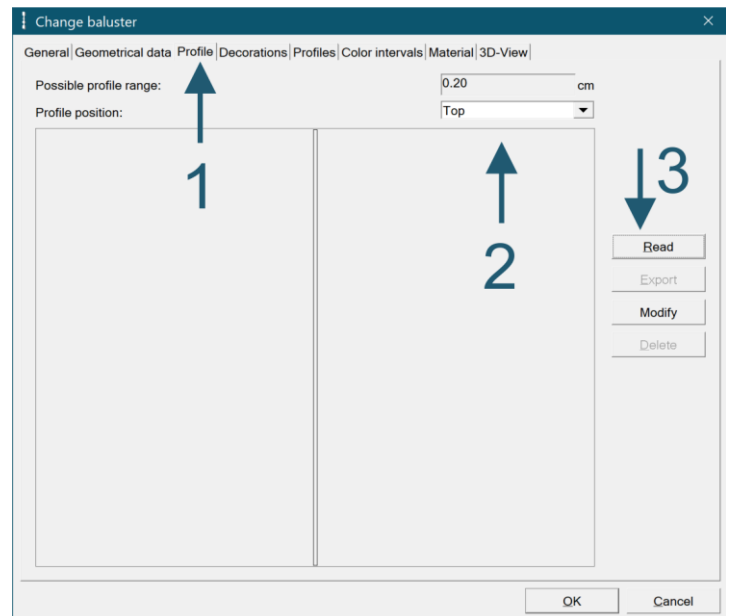


DXF-Import General

Now go to the tab **profile** (1).

Determine the position for the **profile** (2).

And select **read** (3) to import the respective profile.



A windows command will open asking you for the location of the file.

Select a file with the type **DXF-file** (1).

Select the file and click **open** (2).

