























Metaloterm® Building Blocks Manual

The Building Blocks are created in AutoCad 2012.

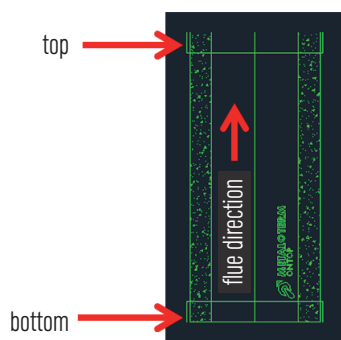
- The latest version of Building Blocks can be seen online on our website.
- When configuring Building Blocks the safety and functionality of the final set up must be kept in mind. For example: positive pressure or negative pressure, operating temperature, flue length, flue diameter, number of elbows, number of offset situations, surrounding area of terminals.
- Some of the parts/systems are only suitable for negative pressure.

Schiedel Metaloterm B.V. gives no guarantee about correctness, accuracy and / or completeness of the Building Blocks and manual and specifically disclaims any liability with regard to errors and / or omissions in the Building Blocks and manual.

The complete assortment is gathered in one drawing.

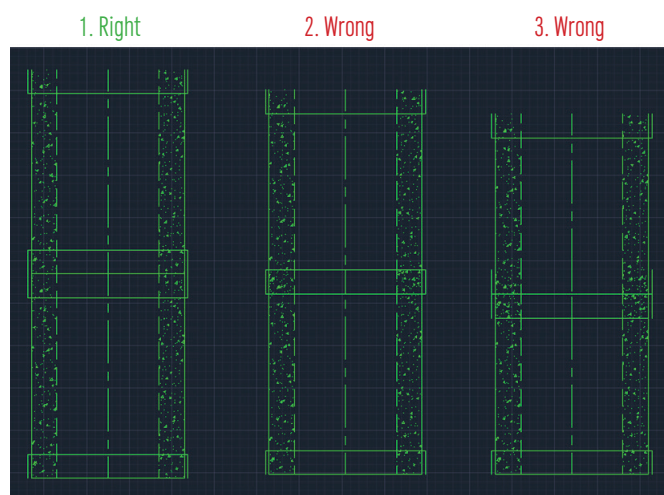
Metaloterm AD Ø130-500 POSITIVE / NEGATIVE PRESSURE										
										
										

The products will be built from bottom to top. The bottom is to be recognised by a closed aperture. The top side is to be recognised by an open aperture. The streaming direction of flue gasses is from bottom to top.



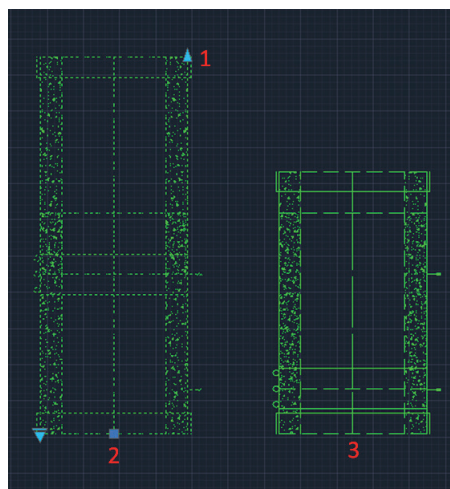
Configurations right and wrongly build:

1. Right (the lines are positioned next to each other)
2. Wrong (the lines are positioned over each other)
3. Wrong (the lines are positioned over each other)



Details:

The adjustable length (-PP) and cuttable length (-XX) are Blocks where several working lengths can be entered. The Blocks can be extended as far as in the reality. Therefore the real dimensions of configurations where adjustable or cuttable lengths are used, can be easily determined. Also (-PP) and (-XX) Blocks will be configured by positioning the lines of the bottom exactly to the lines top beneath.



1. By selecting the blue arrow the -PP and XX can be shoved in and out.
2. Shoved out
3. Shoved in

Beneath the drawing only parts that are available for negative pressure are shown.

Metaloterm AD/ADB1 Ø130-600 NEGATIVE PRESSURE									
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

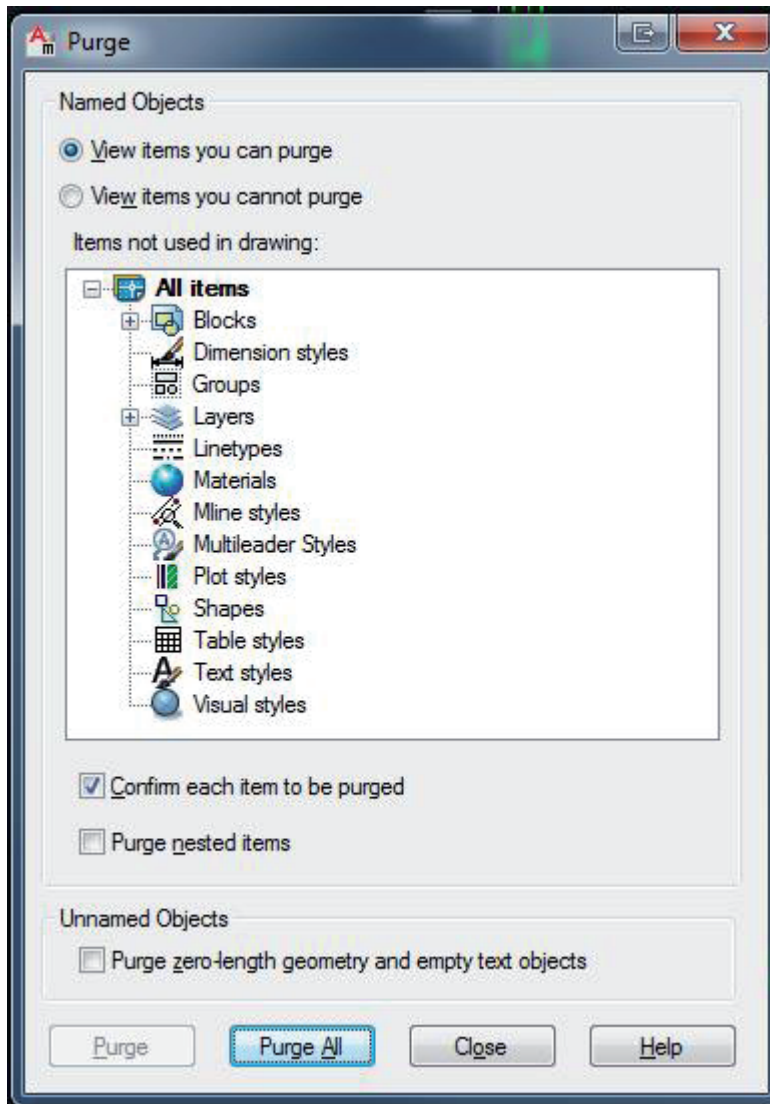
Creating a parts list from AutoCAD >>>

Creating a parts list from AutoCAD

Make sure that all building parts are drawn in the right layer (Z part Schiedel Metaloterm or an own layer, named after the appliance behind it, for example exhaust kettle left)

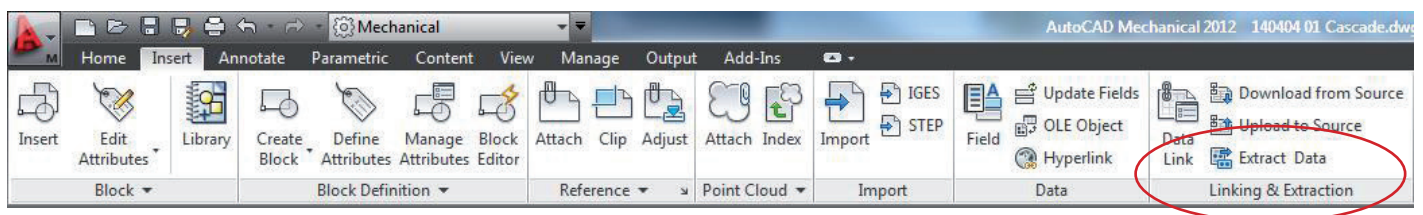


After creating the drawing everything that is not used needs to be completely removed from the drawing by using task; Purge.

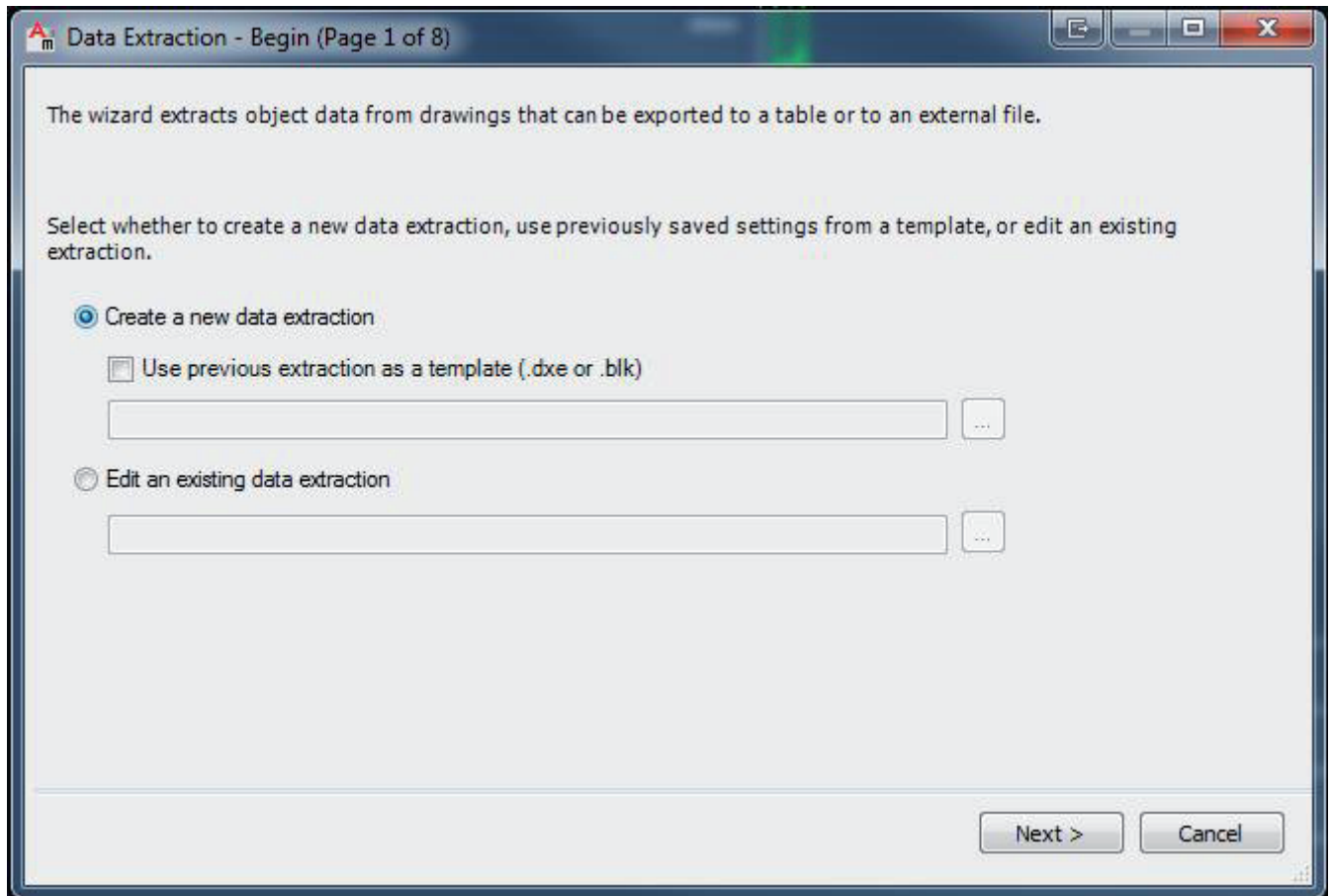


Click on "Purge All" and confirm this. Repeat this until it is not possible anymore.

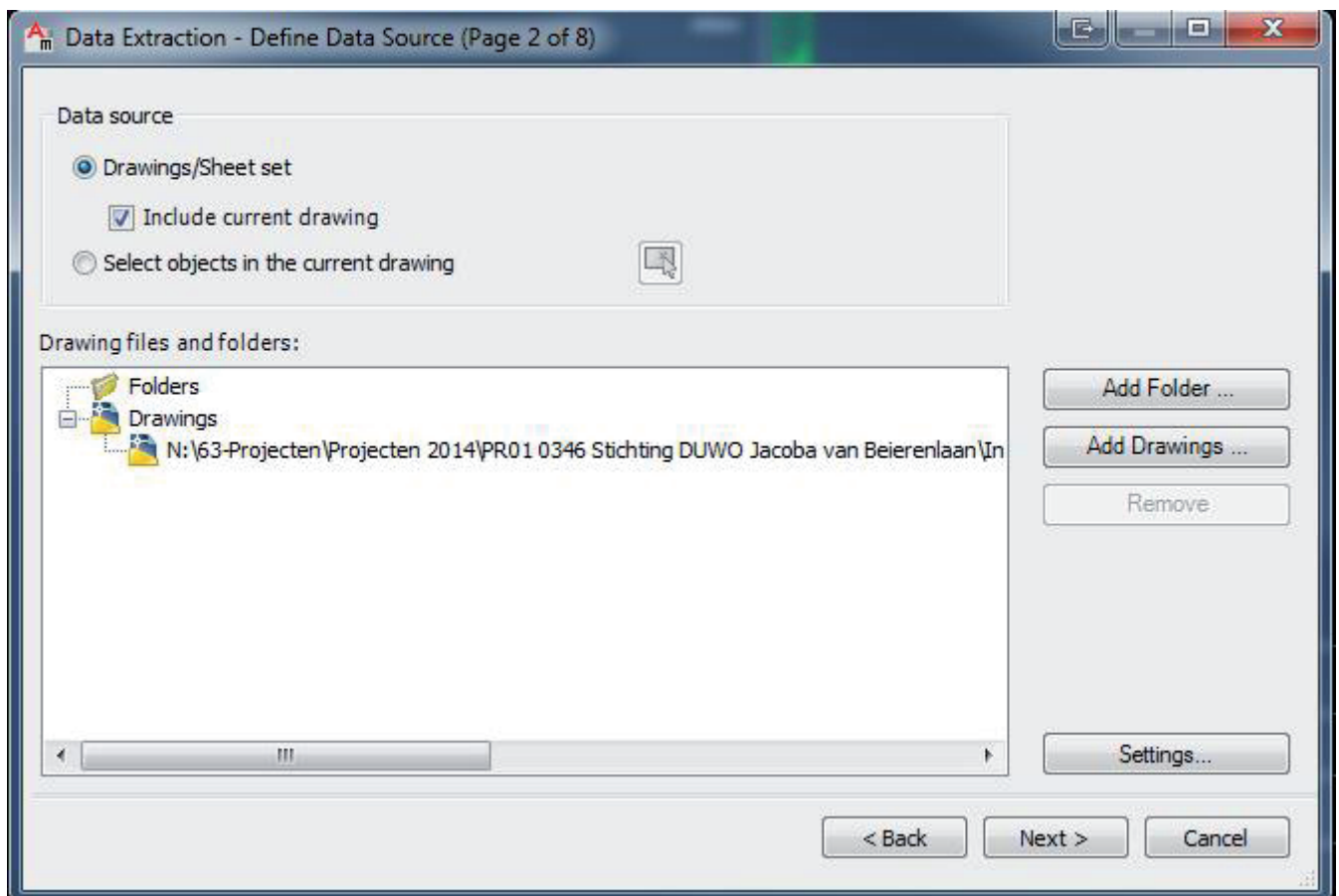
Go to Insert and choose "Extract Data".



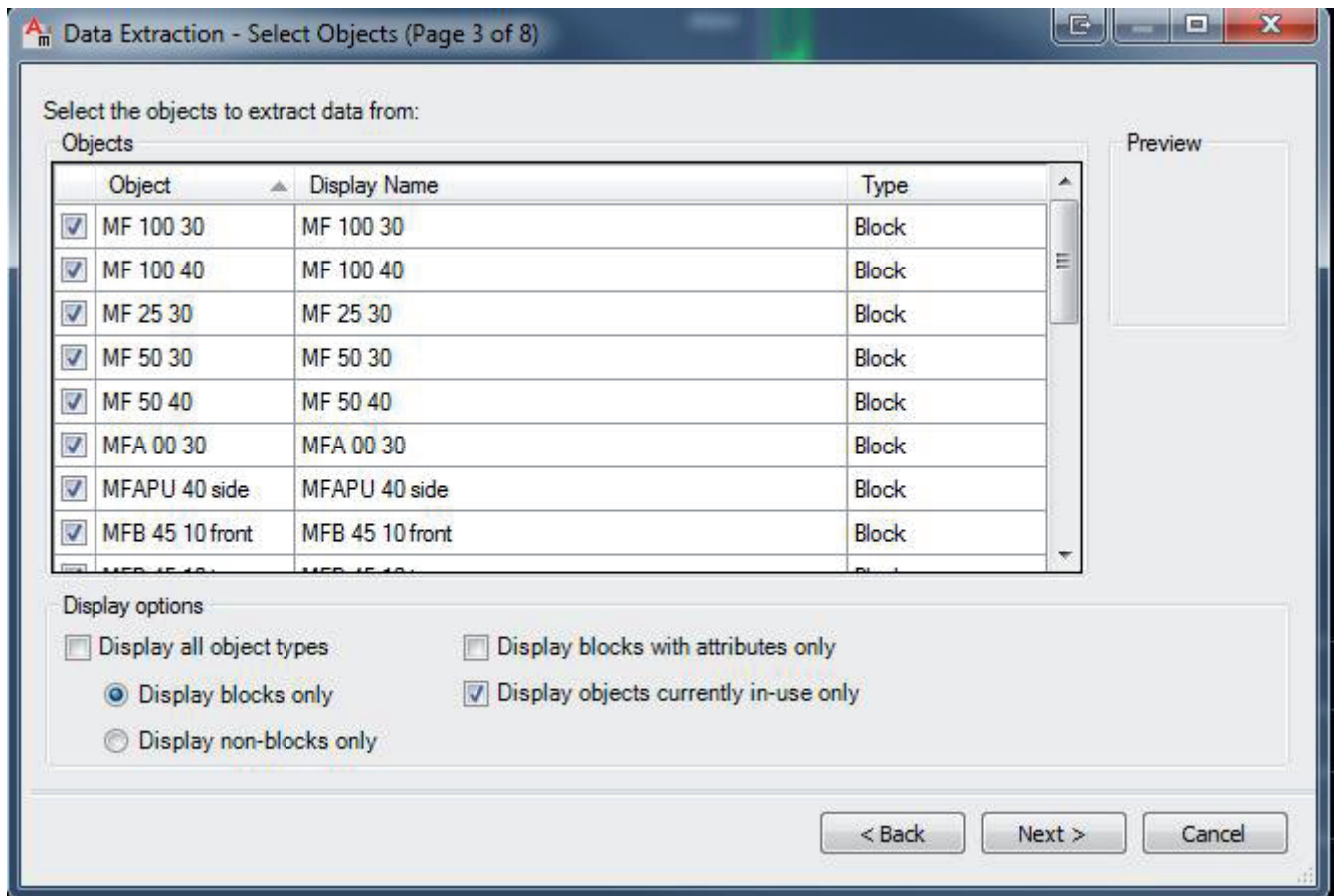
Follow these 8 steps:



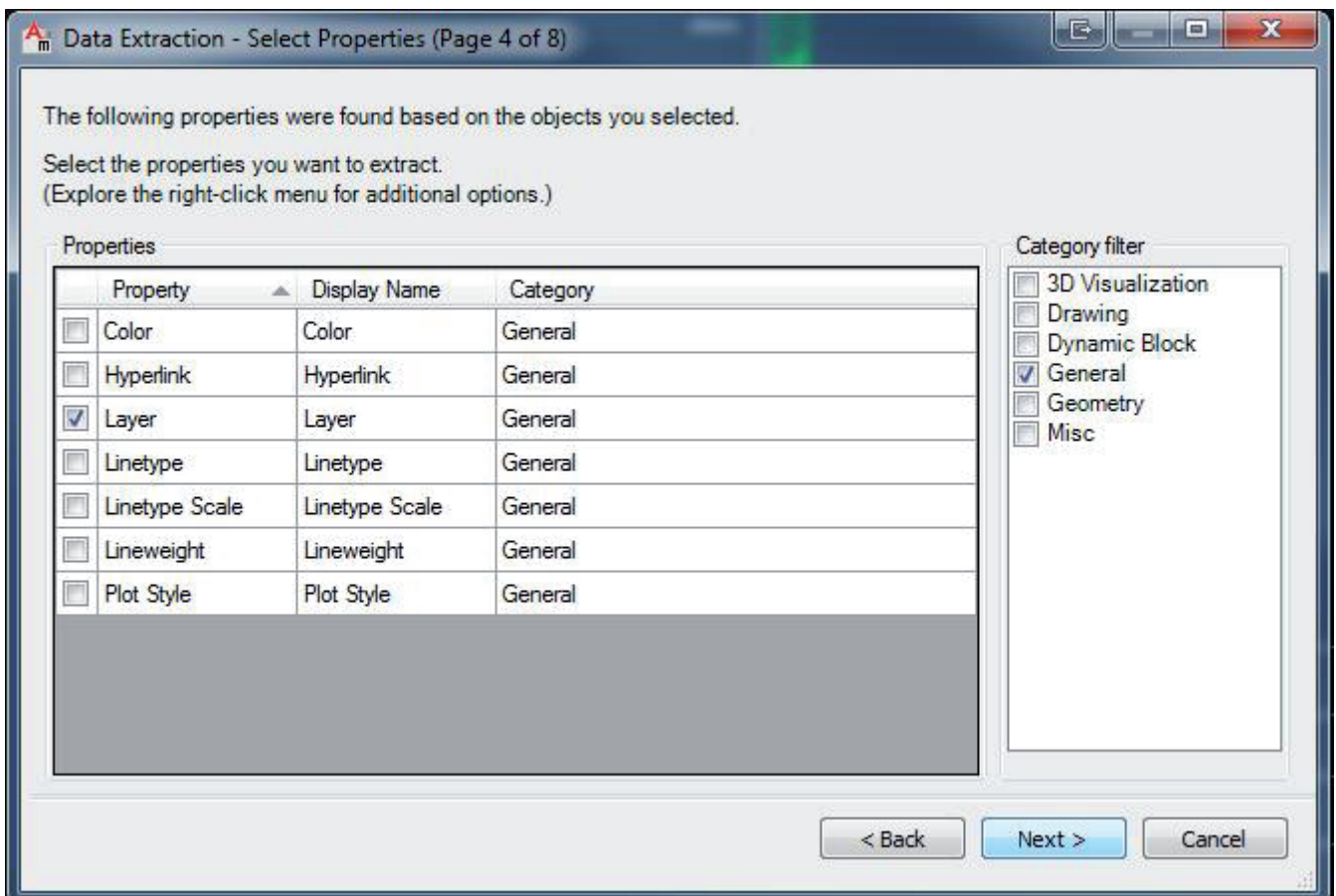
Click on next and save the file as a dxe format.



Make sure that only the drawing you are using is in this folder and click next.



Remove the tick away from "Display all object types" and make sure that "Display blocks only" and "Display objects currently in-use only" are on. After that click on next.



Remove all ticks in "Category filter" except General. Hereafter remove all ticks in "Properties" except Layer. Click on next.

Data Extraction - Refine Data (Page 5 of 8)

In this view you can reorder and sort columns, filter results, add formula columns, and create external data links.

Count	Name	Layer
1	MFB 45 10 top	Z-PART ONTOP
1	MFB 45 10 front	Z-PART ONTOP
1	MF 50 40	Z-PART ONTOP
1	MFT 87 40 top	Z-PART ONTOP
1	MFAPU 40 side	Z-PART ONTOP
1	MFT 87 40 side	Z-PART ONTOP
1	MFOH 2 40 side	Z-PART ONTOP
1	MFTV 45 40	Z-PART ONTOP

☒ Combine identical rows
☒ Show count column
☒ Show name column

Link External Data...
 Sort Columns Options...
 Full Preview...

< Back Next > Cancel

Leave all three ticks on and click on next.

Data Extraction - Choose Output (Page 6 of 8)

Output options

Select the output types for this extraction:

☐ Insert data extraction table into drawing
☒ Output data to external file (.xls .csv .mdb .txt)

... \fsontop01\homefolders\$\JOB\140404 01 Casca

< Back Next > Cancel

To put a parts list in your drawing, just put a tick "Insert data extraction table into drawing".

To create an Excel file tick the box "Output data to external file". By clicking on the dots, you can save the file wherever you like. Herewith you will create an actual parts list.

Data Extraction - Table Style (Page 7 of 8)

Table style
Select the table style to use for the inserted table:

Standard

Formatting and structure

☐ Use table in table style for label rows

☒ Manually setup table

Enter a title for your table:

<Title>

Title cell style: Title

Header cell style: Header

Data cell style: Data

☒ Use property names as additional column headers

Title	
Header	Header
Data	Data
Data	Data
Data	Data
Data	Data
Data	Data
Data	Data

< Back Next > Cancel

Here you can adjust the properties of the table which you would like to insert..

Data Extraction - Finish (Page 8 of 8)

Click Finish to complete the extraction.

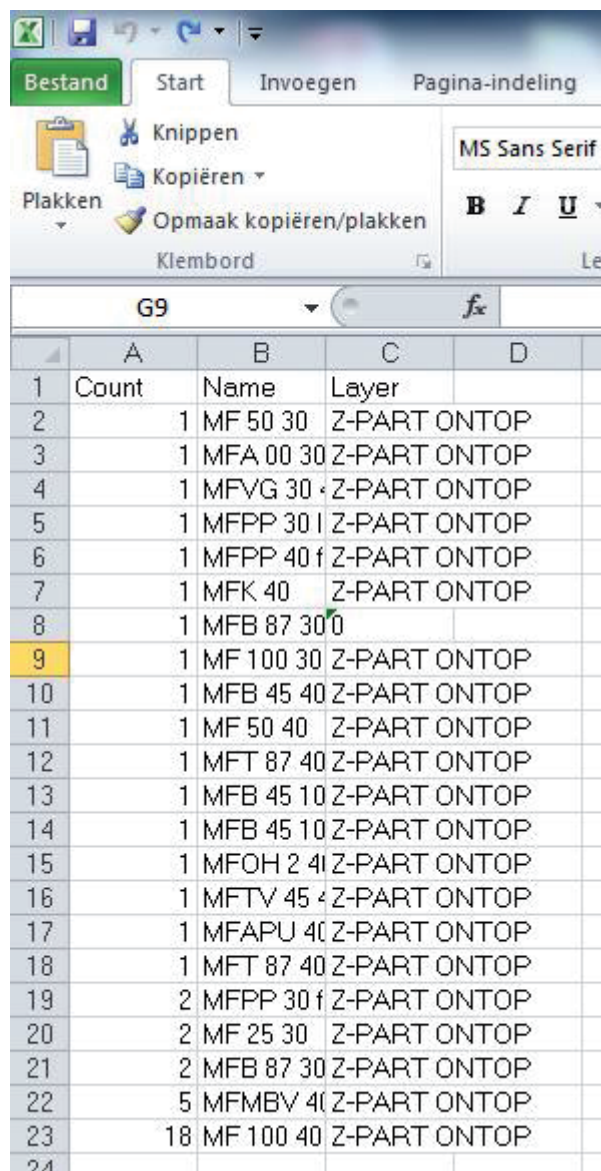
If you chose to insert a table, you will be prompted for an insertion point after you click Finish.

Any external files to create will be created when clicking Finish.

< Back Finish Cancel

Click on finish. If you have chosen to insert the table in the drawing, the following steps need to be executed.
The excel file needs to be created and can be opened from the location where it has been saved..

If you open the excel file, you will see for example:



	A	B	C	D
1	Count	Name	Layer	
2		1 MF 50 30	Z-PART ONTOP	
3		1 MFA 00 30	Z-PART ONTOP	
4		1 MFVG 30	Z-PART ONTOP	
5		1 MFPP 30	Z-PART ONTOP	
6		1 MFPP 40	Z-PART ONTOP	
7		1 MFK 40	Z-PART ONTOP	
8		1 MFB 87 30		
9		1 MF 100 30	Z-PART ONTOP	
10		1 MFB 45 40	Z-PART ONTOP	
11		1 MF 50 40	Z-PART ONTOP	
12		1 MFT 87 40	Z-PART ONTOP	
13		1 MFB 45 10	Z-PART ONTOP	
14		1 MFB 45 10	Z-PART ONTOP	
15		1 MFOH 2 4	Z-PART ONTOP	
16		1 MFTV 45	Z-PART ONTOP	
17		1 MFAPU 40	Z-PART ONTOP	
18		1 MFT 87 40	Z-PART ONTOP	
19		2 MFPP 30	Z-PART ONTOP	
20		2 MF 25 30	Z-PART ONTOP	
21		2 MFB 87 30	Z-PART ONTOP	
22		5 MFMBV 40	Z-PART ONTOP	
23		18 MF 100 40	Z-PART ONTOP	
24				

If you have used several layers because of the fact that several channels are needed, than this will be clear right away. In this way you will be able to create a parts list per channel.