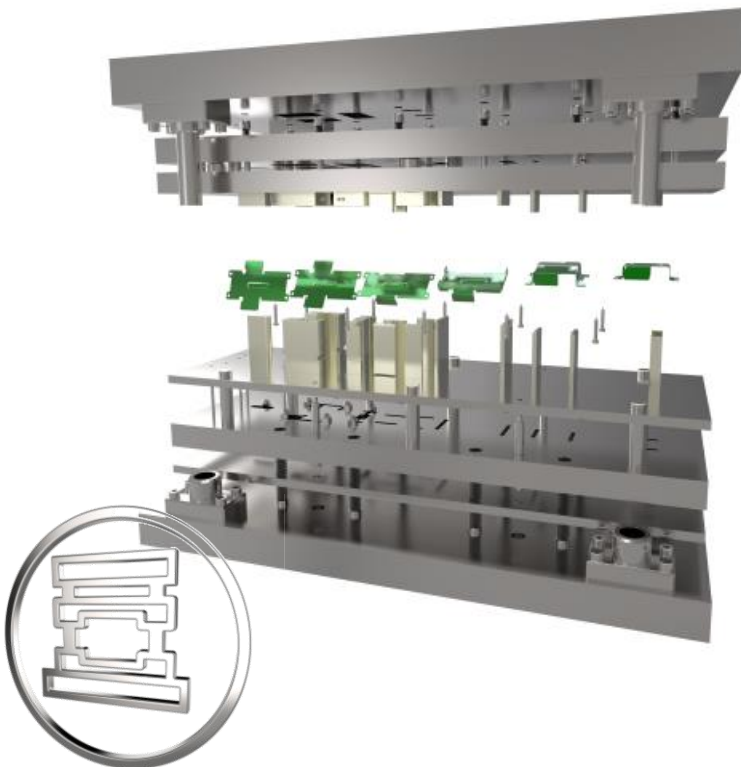


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What's New?

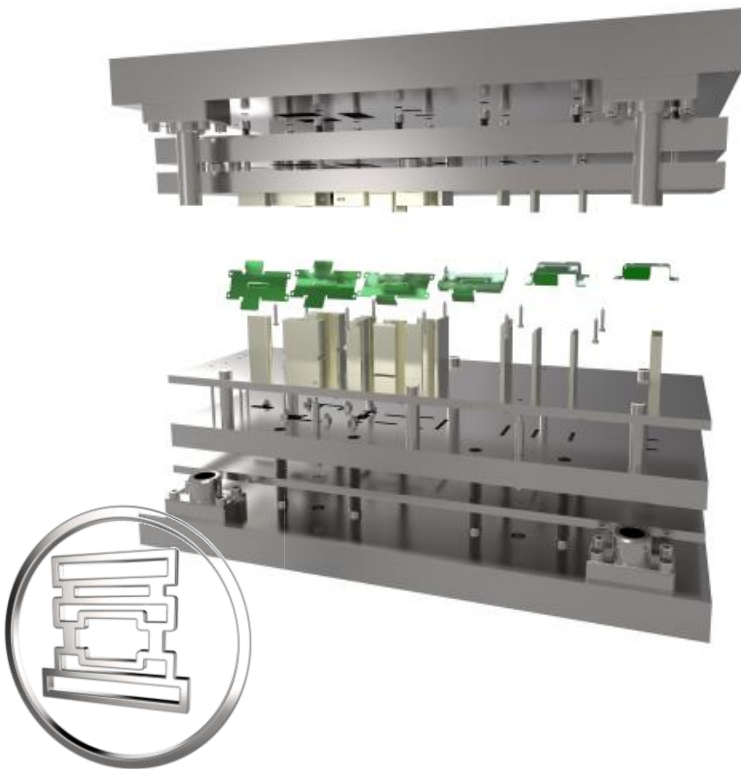
- Strip Design
- Bill of Materials
- More Info



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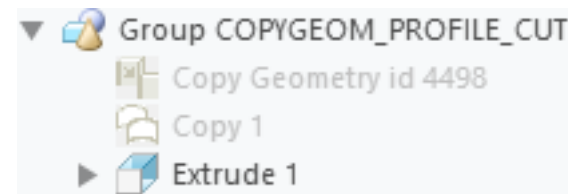
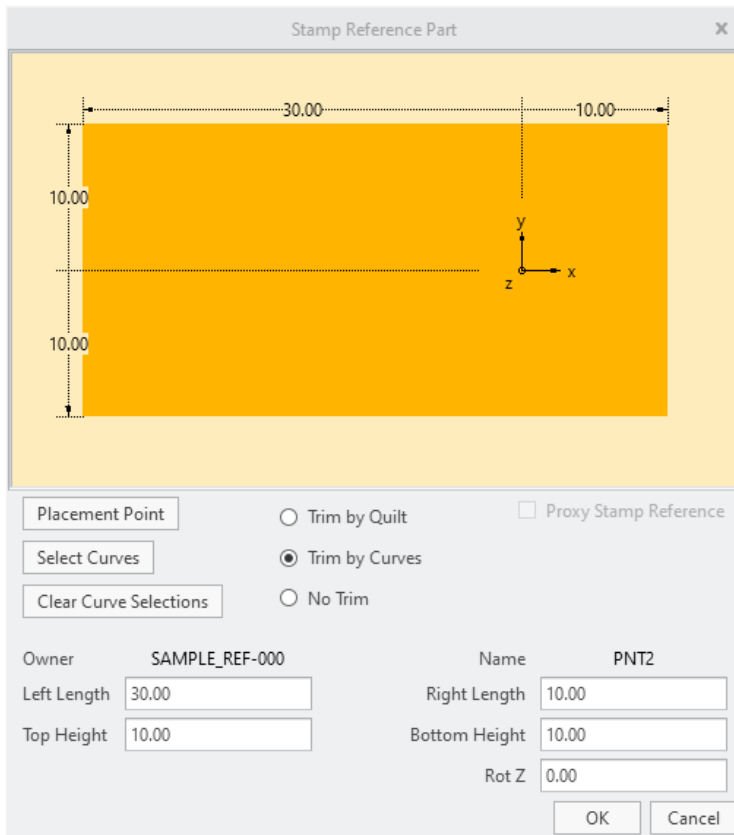
What's New?

- **Strip Design**
- Bill of Materials
- More Info



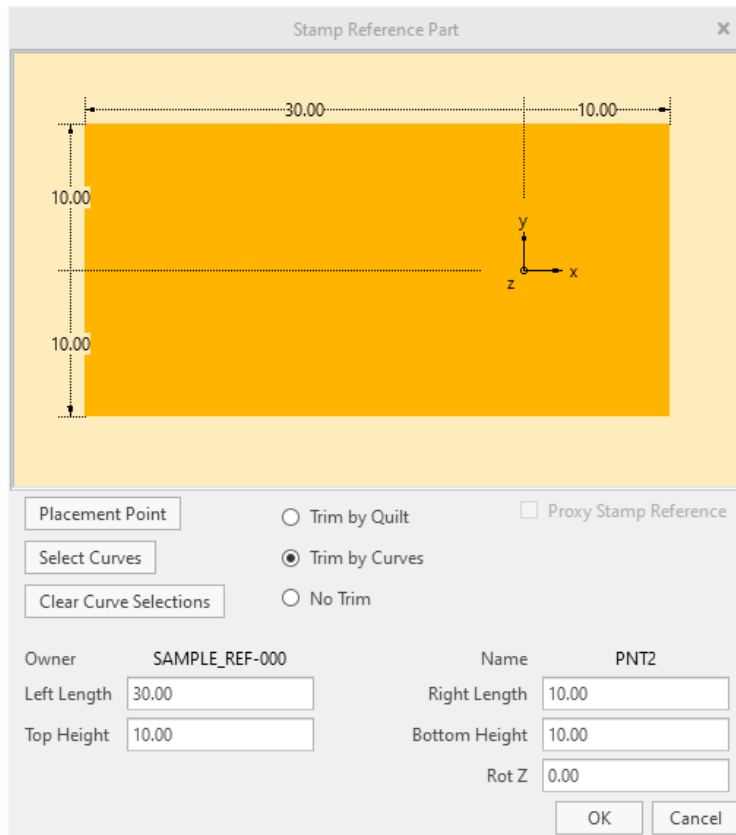
Strip Design – Curve based Trim features

- Trim features for stamp reference parts which are based on curves, are now using profile cuts instead of a sweep cut.



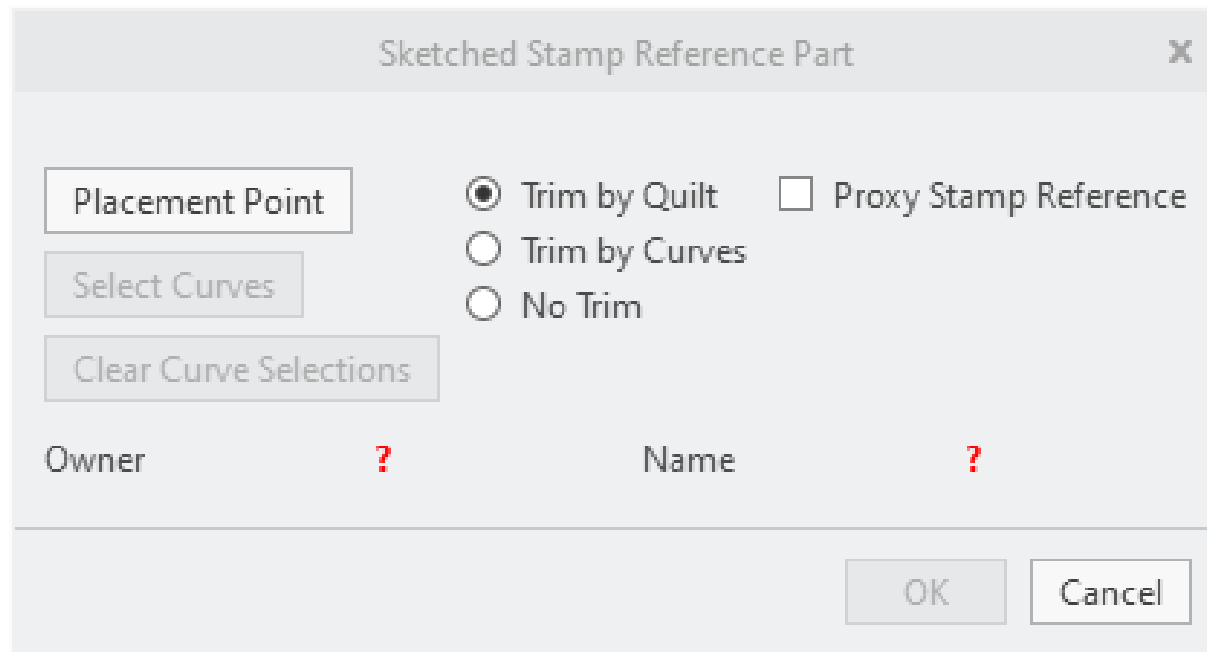
Strip Design – Curve based Trim features

- Curve based trim features which are not in use, are stored as a copy geometry curve for a later re-use.



Strip Design – Sketched Stamp Ref Parts

- Sketched stamp reference parts offer the same trim options like regular stamp reference parts.
- Sketched stamp reference parts can also be used as proxy stamp reference parts.



Sketched Stamp Reference Part

Placement Point

Select Curves

Clear Curve Selections

Trim by Quilt Proxy Stamp Reference
 Trim by Curves
 No Trim

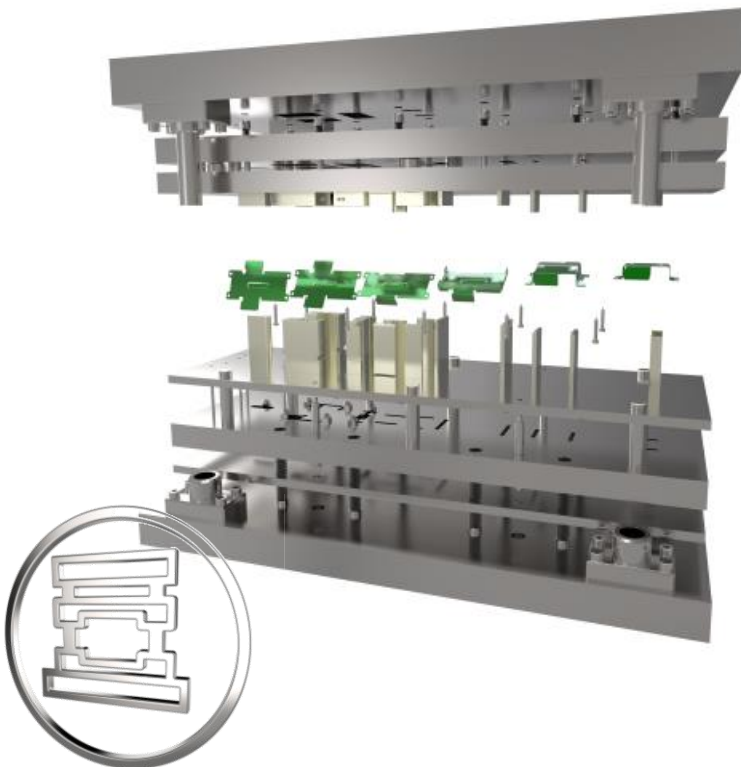
Owner ? Name ?

OK Cancel

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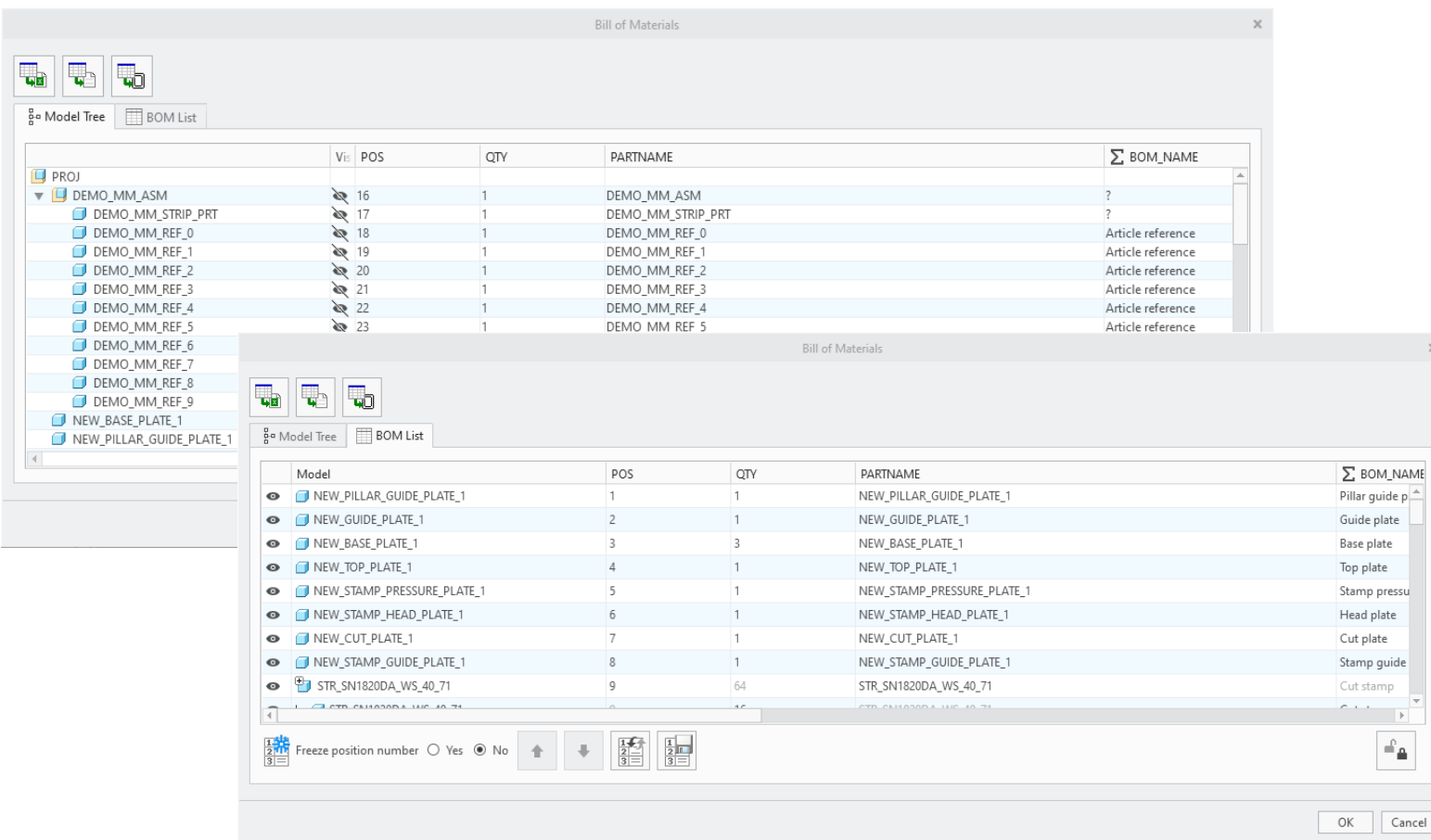
What's New?

- Strip Design
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Bill of Materials – Complete Overhaul

- The bill of materials functionality was completely modernized.



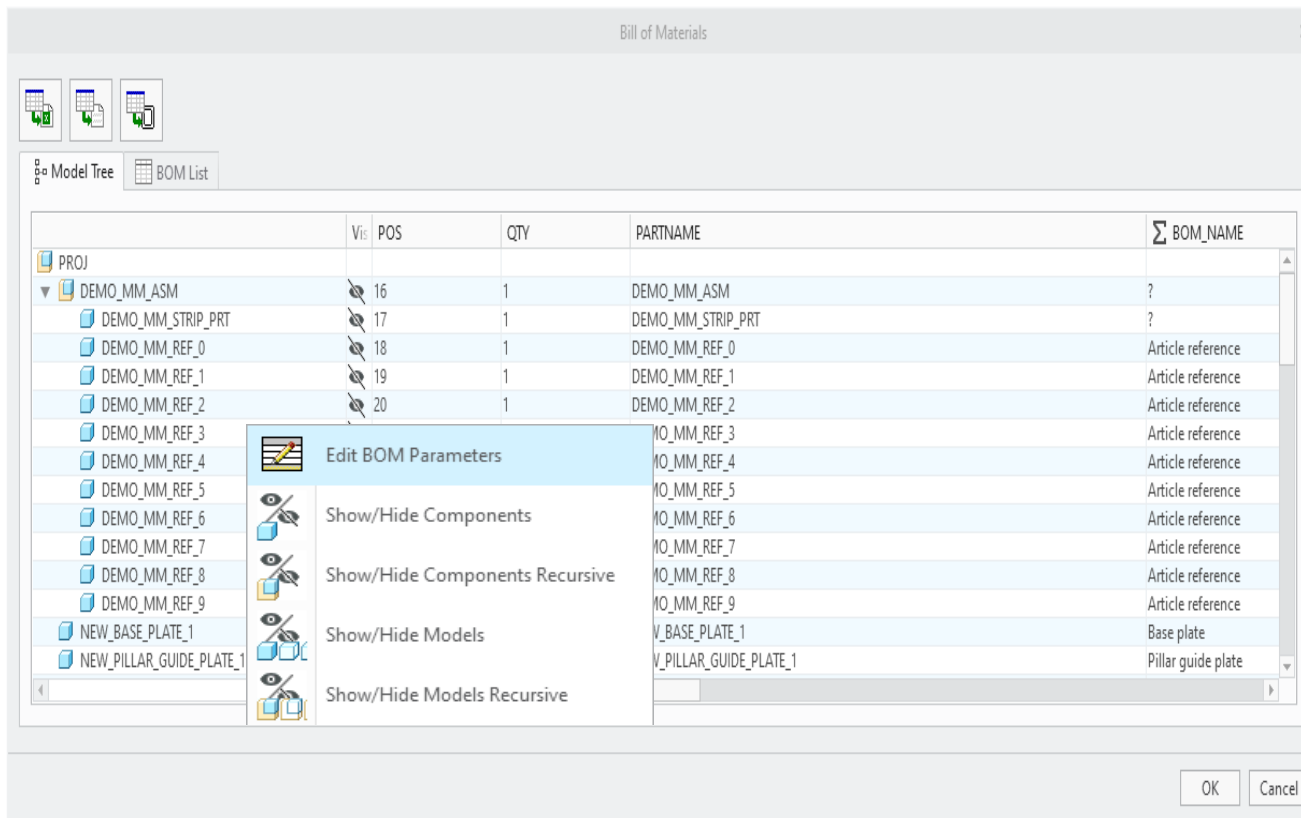
The screenshot displays the 'Bill of Materials' application window. It features a 'Model Tree' on the left and a 'BOM List' table on the right. The BOM List table contains the following data:

Model	POS	QTY	PARTNAME	Σ BOM_NAME
NEW_PILLAR_GUIDE_PLATE_1	1	1	NEW_PILLAR_GUIDE_PLATE_1	Pillar guide p
NEW_GUIDE_PLATE_1	2	1	NEW_GUIDE_PLATE_1	Guide plate
NEW_BASE_PLATE_1	3	3	NEW_BASE_PLATE_1	Base plate
NEW_TOP_PLATE_1	4	1	NEW_TOP_PLATE_1	Top plate
NEW_STAMP_PRESSURE_PLATE_1	5	1	NEW_STAMP_PRESSURE_PLATE_1	Stamp pressu
NEW_STAMP_HEAD_PLATE_1	6	1	NEW_STAMP_HEAD_PLATE_1	Head plate
NEW_CUT_PLATE_1	7	1	NEW_CUT_PLATE_1	Cut plate
NEW_STAMP_GUIDE_PLATE_1	8	1	NEW_STAMP_GUIDE_PLATE_1	Stamp guide
STR_SN1820DA_WS_40_71	9	64	STR_SN1820DA_WS_40_71	Cut stamp

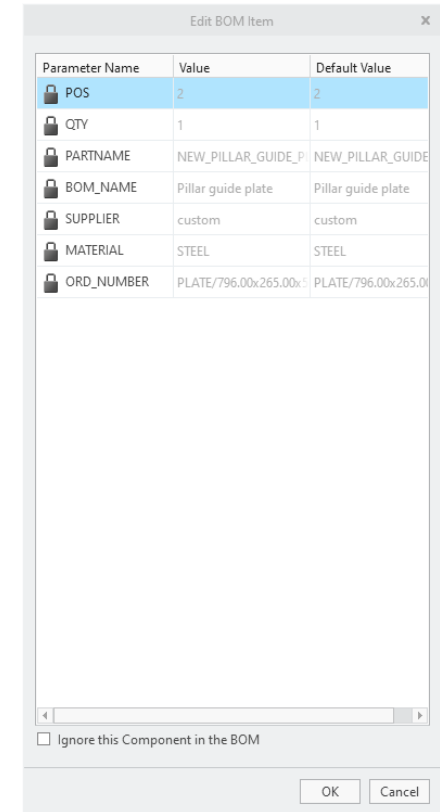
At the bottom of the window, there is a control bar with the following options: 'Freeze position number' (Yes/No), navigation arrows, and 'OK'/'Cancel' buttons.

Bill of Materials – Tree Based View

- The tree based view shows components based on the order of the Creo model tree.
- Parameters can be modified by using the context menu.



	Vi	POS	QTY	PARTNAME	Σ BOM_NAME
PROJ					
DEMO_MM_ASM	16		1	DEMO_MM_ASM	?
DEMO_MM_STRIP_PRT	17		1	DEMO_MM_STRIP_PRT	?
DEMO_MM_REF_0	18		1	DEMO_MM_REF_0	Article reference
DEMO_MM_REF_1	19		1	DEMO_MM_REF_1	Article reference
DEMO_MM_REF_2	20		1	DEMO_MM_REF_2	Article reference
DEMO_MM_REF_3				NO_MM_REF_3	Article reference
DEMO_MM_REF_4				NO_MM_REF_4	Article reference
DEMO_MM_REF_5				NO_MM_REF_5	Article reference
DEMO_MM_REF_6				NO_MM_REF_6	Article reference
DEMO_MM_REF_7				NO_MM_REF_7	Article reference
DEMO_MM_REF_8				NO_MM_REF_8	Article reference
DEMO_MM_REF_9				NO_MM_REF_9	Article reference
NEW_BASE_PLATE_1				V_BASE_PLATE_1	Base plate
NEW_PILLAR_GUIDE_PLATE_1				V_PILLAR_GUIDE_PLATE_1	Pillar guide plate



Parameter Name	Value	Default Value
POS	2	2
QTY	1	1
PARTNAME	NEW_PILLAR_GUIDE_P	NEW_PILLAR_GUIDE
BOM_NAME	Pillar guide plate	Pillar guide plate
SUPPLIER	custom	custom
MATERIAL	STEEL	STEEL
ORD_NUMBER	PLATE/796.00x265.00x	PLATE/796.00x265.00

Ignore this Component in the BOM

Bill of Materials – BOM List View

- The BOM list view allows editing BOM parameters in place or by the BOM item dialog.

Bill of Materials

Model Tree | BOM List

Model	POS	QTY	PARTNAME	BOM
NEW_PILLAR_GUIDE_PLATE_1	1	1	NEW_PILLAR_GUIDE_PLATE_1	Pillar guid
NEW_GUIDE_PLATE_1	2	1	NEW_GUIDE_PLATE_1	Guide plat
NEW_BASE_PLATE_1	3	3	NEW_BASE_PLATE_1	Base plate
NEW_TOP_PLATE_1	4	1	NEW_TOP_PLATE_1	Top plate
NEW_STAMP_PRESSURE_PLATE_1	5	1	NEW_STAMP_PRESSURE_PLATE_1	Stamp pre
NEW_STAMP_HEAD_PLATE_1	6	1	NEW_STAMP_HEAD_PLATE_1	Head plat
NEW_CUT_PLATE_1	7	1	NEW_CUT_PLATE_1	Cut plate
NEW_STAMP_GUIDE_PLATE_1			NEW_STAMP_GUIDE_PLATE_1	Stamp gui
STR_SN1820			STR_SN1820DA_WS_40_71	Cut stamp

Freeze position

- Edit BOM Parameters
- Show/Hide Components
- Show/Hide Components Recursive
- Show/Hide Models
- Show/Hide Models Recursive




Edit BOM Item

Parameter Name	Value	Default Value
POS	2	2
QTY	1	1
PARTNAME	NEW_PILLAR_GUIDE_P	NEW_PILLAR_GUIDE
BOM_NAME	Pillar guide plate	Pillar guide plate
SUPPLIER	custom	custom
MATERIAL	STEEL	STEEL
ORD_NUMBER	PLATE/796.00x265.00x:3	PLATE/796.00x265.00

Ignore this Component in the BOM

OK Cancel

Bill of Materials – BOM List View

- Modified parameters are visualized by an asterisk *.
- When editing they show up as unlocked and can be restored by relocking.   

Bill of Materials

Model Tree | BOM List

	BOM NAME
PLATE_1	Base plate new*
IR_GUIDE_PLATE_1	Pillar guide plate
E_PLATE_1	Guide plate
PLATE_1	Top plate
IP_PRESSURE_PLATE_1	Stamp pressure plate
IP_HEAD_PLATE_1	Head plate
PLATE_1	Cut plate
IP_GUIDE_PLATE_1	Stamp guide plate
JDA_WS_40_71	Cut stamp

Freeze position number Yes No

Edit BOM Item

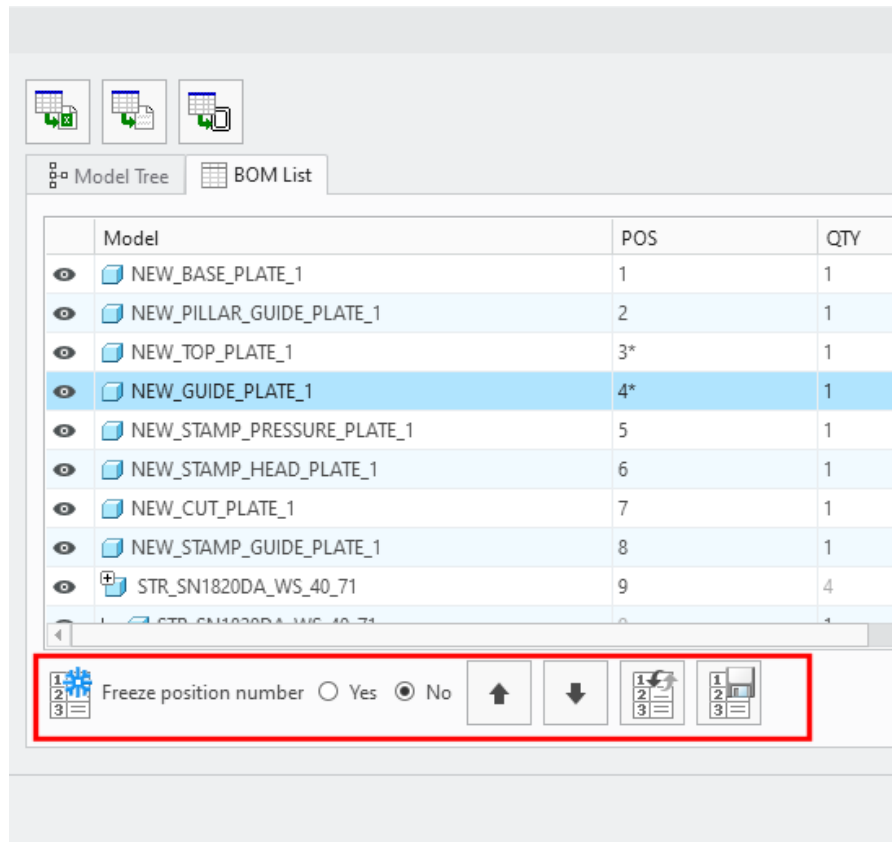
Parameter Name	Value	Default Value
POS	1	1
QTY	1	1
PARTNAME	NEW_BASE_PLATE_1	NEW_BASE_PLATE_1
BOM_NAME	Base plate new	Base plate
SUPPLIER	custom	custom
MATERIAL	STEEL	STEEL
ORD_NUMBER	PLATE/796.00x311.00x2	PLATE/796.00x311.00

Ignore this Component in the BOM

OK Cancel

Bill of Materials – BOM List View

- The position in the BOM table can be altered either by modifying the POS parameter or by using the buttons for freezing, moving up and down, restoring or saving them.



The screenshot displays the BOM List View interface. At the top, there are three icons for file operations. Below them, the 'BOM List' tab is selected. The main area contains a table with the following data:

	Model	POS	QTY
	NEW_BASE_PLATE_1	1	1
	NEW_PILLAR_GUIDE_PLATE_1	2	1
	NEW_TOP_PLATE_1	3*	1
	NEW_GUIDE_PLATE_1	4*	1
	NEW_STAMP_PRESSURE_PLATE_1	5	1
	NEW_STAMP_HEAD_PLATE_1	6	1
	NEW_CUT_PLATE_1	7	1
	NEW_STAMP_GUIDE_PLATE_1	8	1
	STR_SN1820DA_WS_40_71	9	4
	STR_SN1820DA_WS_40_71	0	1

At the bottom, a control bar is highlighted with a red box. It includes a 'Freeze position number' label with radio buttons for 'Yes' and 'No' (where 'No' is selected), and several icons for moving up/down, restoring, and saving.

Bill of Materials – BOM List View

- All parameters could be restored to default by button.


Bill of Materials

Model Tree | BOM List

Model	POS	QTY	PARTNAME	Σ BOM_NAME
NEW_BASE_PLATE_1	1	1	NEW_BASE_PLATE_1	Base plate
NEW_PILLAR_GUIDE_PLATE_1	2	1	NEW_PILLAR_GUIDE_PLATE_1	Pillar guide p
NEW_TOP_PLATE_1	3*	1	NEW_TOP_PLATE_1	Top plate
NEW_GUIDE_PLATE_1	4*	1	NEW_GUIDE_PLATE_1	Guide plate
NEW_STAMP_PRESSURE_PLATE_1	5	1	NEW_STAMP_PRESSURE_PLATE_1	Stamp pressu
NEW_STAMP_HEAD_PLATE_1	6	1	NEW_STAMP_HEAD_PLATE_1	Head plate
NEW_CUT_PLATE_1	7	1	NEW_CUT_PLATE_1	Cut plate
NEW_STAMP_GUIDE_PLATE_1	8	1	NEW_STAMP_GUIDE_PLATE_1	Stamp guide
STR_SN1820DA_WS_40_71	9	4	STR_SN1820DA_WS_40_71	Cut stamp
STR_SN1820DA_WS_40_71	0	1	STR_SN1820DA_WS_40_71	Cut stamp

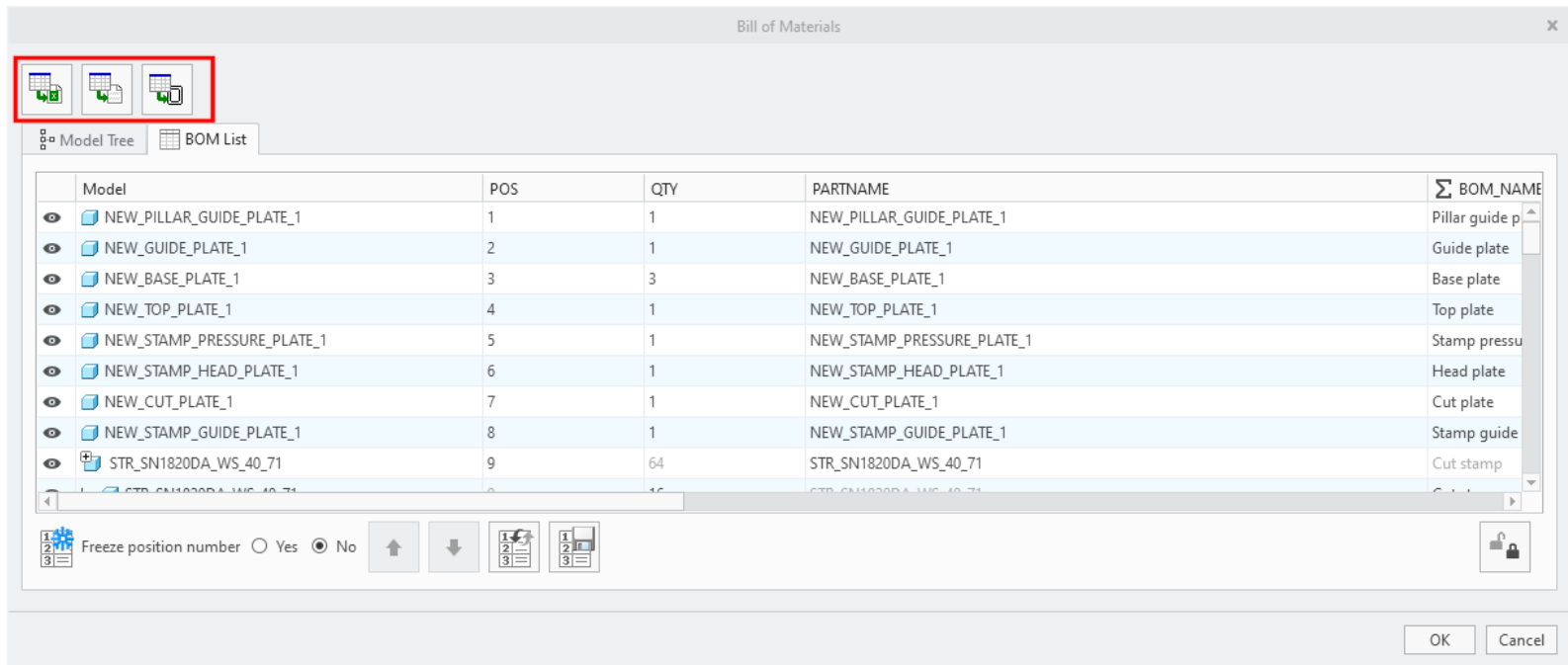
Freeze position number Yes No

OK Cancel



Bill of Materials – BOM List View

- The export functionality allows to export the parameters as csv or text files or paste them to the clipboard.



The screenshot shows the 'Bill of Materials' window with the 'BOM List' view selected. A table lists various components with their positions, quantities, and part names. The export icons (Excel, Text, and Clipboard) are highlighted with a red box.

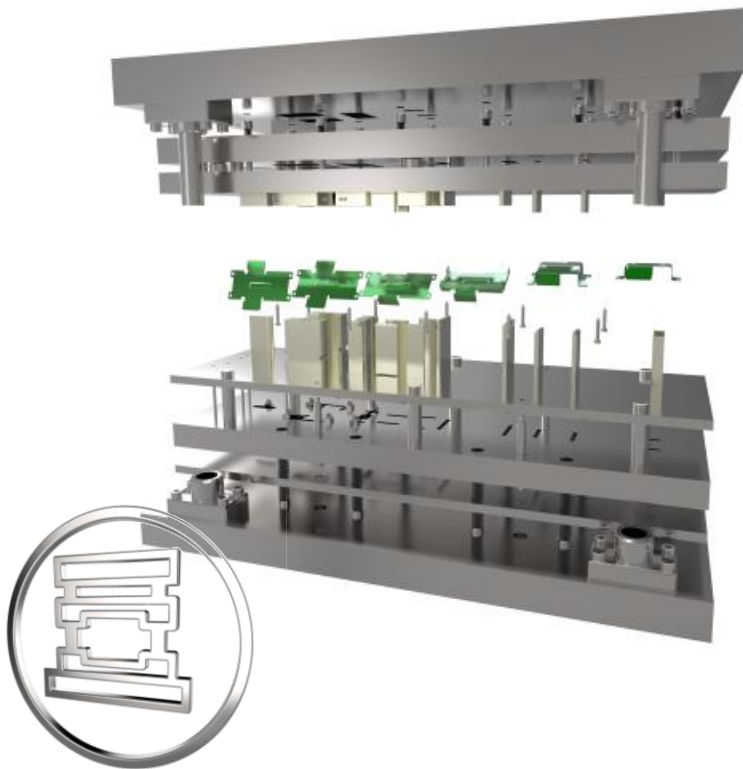
Model	POS	QTY	PARTNAME	Σ BOM_NAME
NEW_PILLAR_GUIDE_PLATE_1	1	1	NEW_PILLAR_GUIDE_PLATE_1	Pillar guide p
NEW_GUIDE_PLATE_1	2	1	NEW_GUIDE_PLATE_1	Guide plate
NEW_BASE_PLATE_1	3	3	NEW_BASE_PLATE_1	Base plate
NEW_TOP_PLATE_1	4	1	NEW_TOP_PLATE_1	Top plate
NEW_STAMP_PRESSURE_PLATE_1	5	1	NEW_STAMP_PRESSURE_PLATE_1	Stamp pressu
NEW_STAMP_HEAD_PLATE_1	6	1	NEW_STAMP_HEAD_PLATE_1	Head plate
NEW_CUT_PLATE_1	7	1	NEW_CUT_PLATE_1	Cut plate
NEW_STAMP_GUIDE_PLATE_1	8	1	NEW_STAMP_GUIDE_PLATE_1	Stamp guide
STR_SN1820DA_WS_40_71	9	64	STR_SN1820DA_WS_40_71	Cut stamp
STR_SN1820DA_WS_40_71	10	16	STR_SN1820DA_WS_40_71	Cut stamp

At the bottom of the window, there is a 'Freeze position number' section with radio buttons for 'Yes' and 'No' (selected), and navigation icons for up, down, and list views. The 'OK' and 'Cancel' buttons are located at the bottom right.

PDX 14.0.0.0

What's New?

- Strip Design
- Bill of Materials
- [More Info](#)



More Info

- PDX 14.0 supports Creo 8.0.0.0.
- When using Creo 8.0.1.0 or above the legacy Toolkit libraries need to be installed.