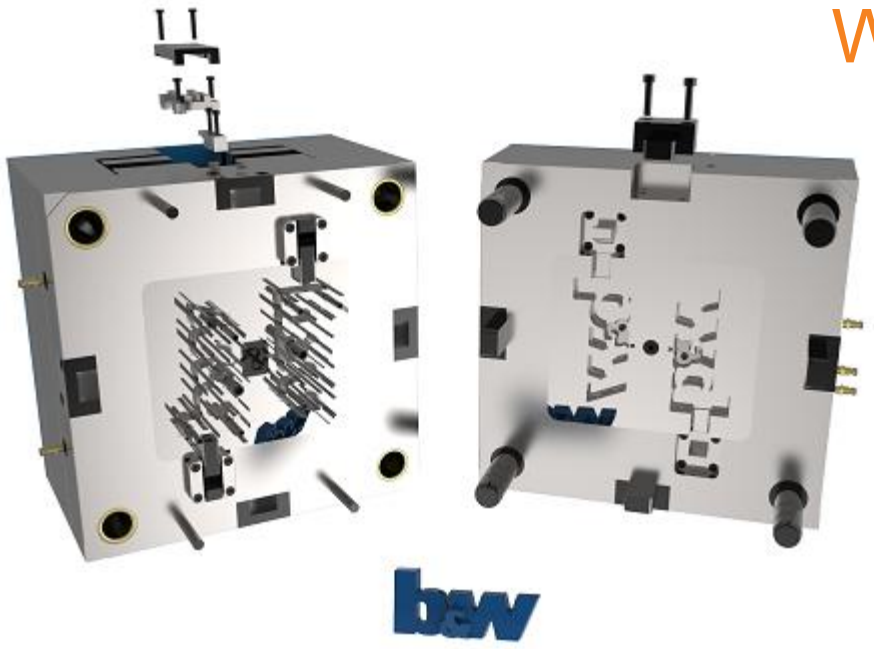
EMX 19.4.3.1

What's New?

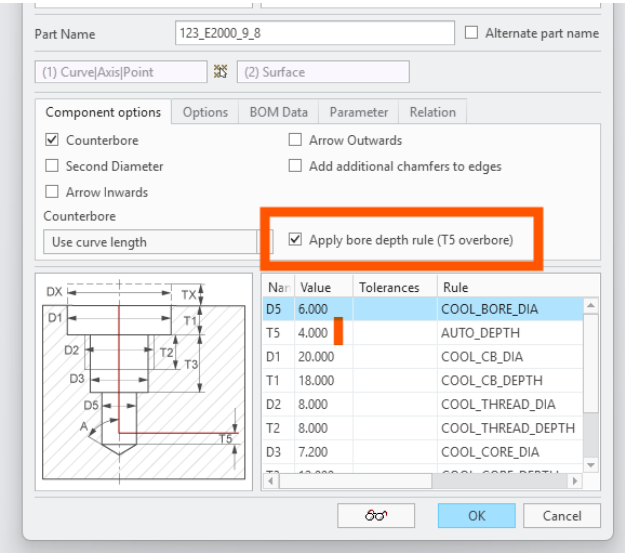


Enhancement

- New "Apply bore depth rule (T5 overbore)" checkbox to apply additional bore depth value T5 on fluid components more flexibly
- In case an additional bore depth rule is defined in EMX Config Options, a new check box becomes visible!

COMPANY_ID	-	Company identifier used to activate hidden options.
COOLING_ADDITIONAL_BORE_DEPTH_RULE	<bore_diameter>*0.5+1	Rule for calculating the additional hole depth for the cooling hole. This is applied only when Use Curve l
CREATE_ASM_DRAWING	YES	In the Project dialog box, selects the Create assembly drawing check box, by default.
CREATE_ASM_REPORT	NO	In the Project dialog box, clears the Create assembly report check box, by default.

- Only in case the check box is selected the bore depth rule is applied to the T5 - AUTO_DEPTH dimension

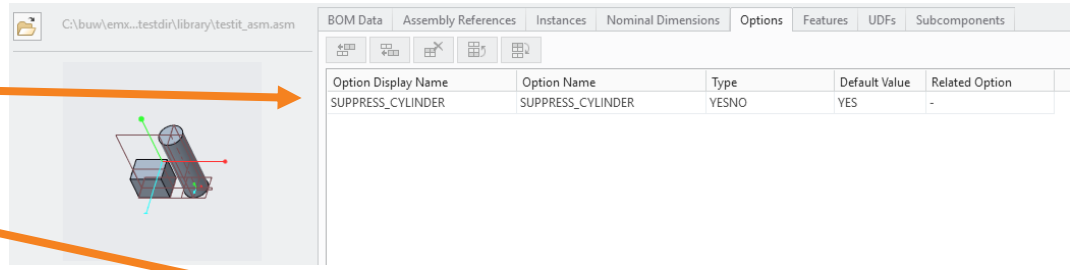


Enhancement

- Improve capabilities to suppress/resume subcomponents of assemblies in Component & Library Component Dialog
    - Subcomponents can be suppressed and resumed by variable options.
    - Subcomponent suppression is now displayed in option menu in Library Component Dialog.

  → Can be configured in the Component Editor

- Define Option
- Assign it in subcomponent table



BOM Data | Assembly References | Instances | Nominal Dimensions | Options | Features | UDFs | Subcomponents

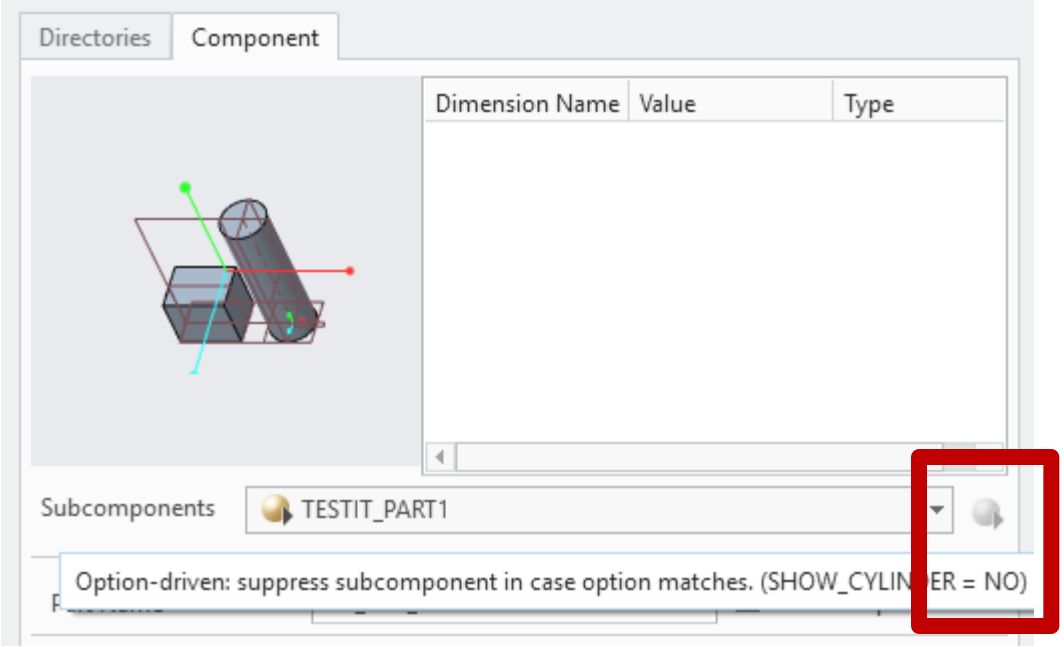
Component Name	Unit	Directory	Supplier	File Name	Type Name	Side	Suppress Option	Suppress Value
TESTIT_PART1	mm	library	-	TESTIT_PART1	TESTIT_PART1	-	SUPPRESS_CYLINDER	YES
TESTIT_PART2	mm	library	-	TESTIT_PART2	TESTIT_PART2	-		

- Rule-based suppression is visible in subcomponent option menu in Component Dialog

Enhancement

- Improve capabilities to suppress/resume subcomponents of assemblies in Component & Library Component Dialog

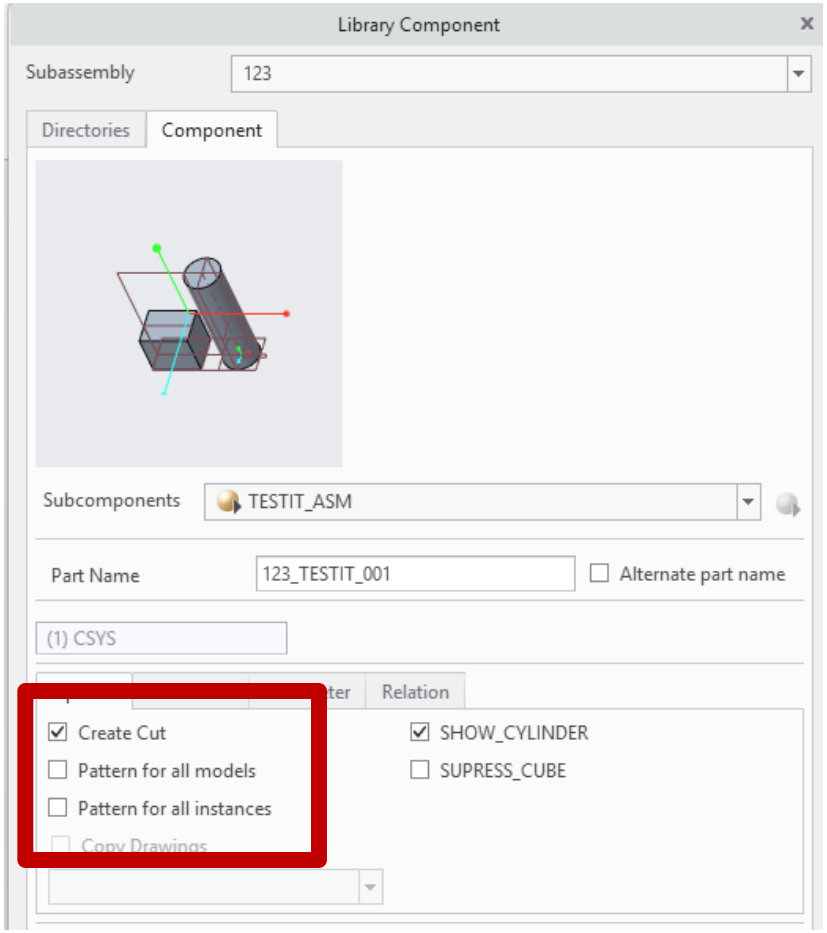
- Rule-based suppression is visible in subcomponent option menu in Component Dialog



Enhancement

- Library Component Dialog: For Library components, only "Create Pattern" was possible but not "Pattern for all model".

→ Implement equal behavior like Component Dialog



Enhancement

Improve Option USE_LAYER_FOR_SIDE_VIEWS behavior

→ It is possible to set EMX components now on both, Layer and Simprep, at the same time

- New config option CONFIG_SIDE_VIEW_DISPLAY_MODE with selectable values SIMREP | LAYER | BOTH
- Old option USE_LAYER_FOR_SIDE_VIEWS is deprecated and automatically converted

Enhancement

- Implement Knarr sprue bushing 62408 and 62468

EMX 19.4.2.0

What's New?



Enhancement

- Meusburger components updated to state 6.2.16.0 Q-12026
- Add ISO 7380-2 flat head button screw
- Update SmartHolechart to version 19.4.2.0

Enhancement

- New Misumi components
  - EPB
  - M-120KOC
  - JTWS, JTW
  - ORP, ORG
  - SLLK
  - V-15-1A5-T
  - C-CVPL, M-RCC
  - WFH, WLH, WHH, WMH
  - E-DTBB, E-DTBBU, DTBX, DTBXU

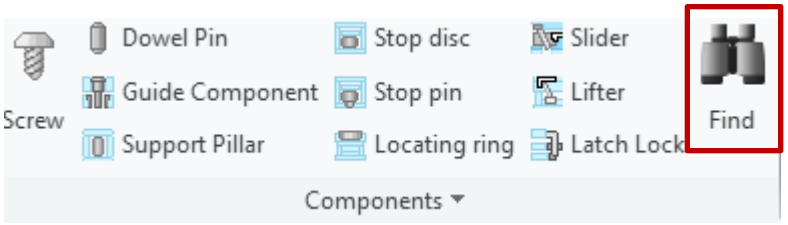
EMX 19.4.1.0

What's New?



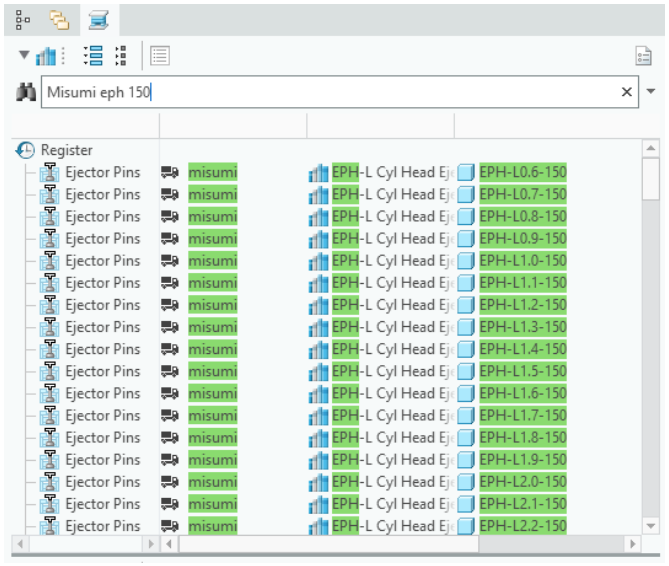
Enhancement

- New EMX Component Search
  → New Search is available in **EMX Components Ribbon → Find**

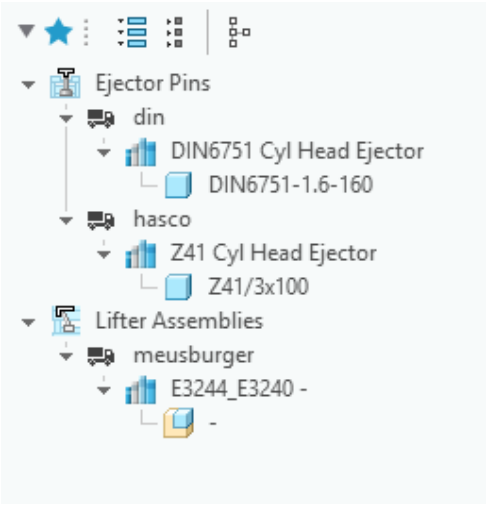


- Navigator contains:

Search results:



Favorites:



Favorites can also be added through Component Dialog

Enhancement

- New Meusburger cooling components E20761 and E20762
- Update existing Meusburger components to state 6.2.15.0
- Improved Bill of Material Excel export:
  - Allow Excel files with marcros (*.xlsm), templates (*.xltx) and templates with macros (*.xltm) for direct export from BOM.
  - Option EXCEL_TEMPLATE_PATH may point to a specific template file, for example: "%EMX_USER_CONFIG_PATH%configuration\bom-template.xlsm".
  - In this case export starts directly without showing a file browser. If necessary, option BOM_FILENAME will be used to generate a new file name for the Excel export.

EMX 19.3.0.0

What's New?



Enhancement

- New Knarr ejector pins 326121, 326121 DLC
- Update Knarr plates to state 2025
- Introduce new parameter default type &project_date to use the value defined in the project dialog

Enhancement

- Predefined Components: Enable user to delete predefined auto screw and pin information from point.

- Component Editor Improvements:
    - Instance dimension can be added in case table cell is selected. It is not required to select column explicitly.
    - Part name rules: Side value can be selected from option menu.
    - Assembly references: Default reference value can be edited in table.

- Existing Meusburger components are updated to version 6.2.14.0 from November 2025.

- Meusburger web links support new Meusburger website.

EMX 19.2.0.0

What's New?



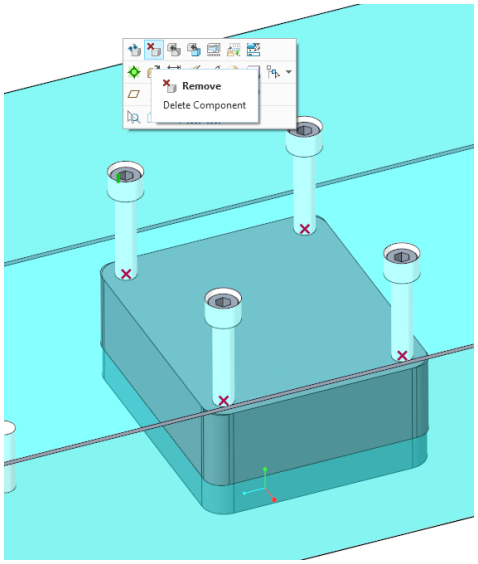
Enhancement

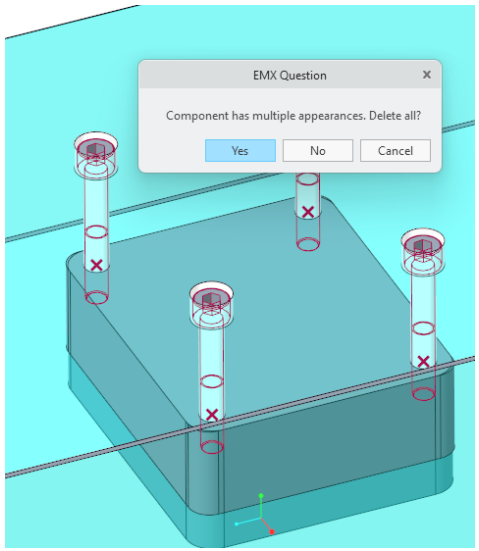
- Component Handling: Implement solution to delete only one component in case it was assemble multiple times.
- Situation: In case a component as create multiple times with “Reassemble component” or defined on a multiple point feature

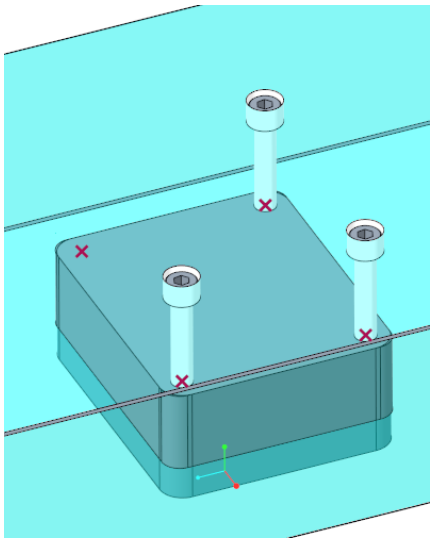
→ Previous behavior: All components are deleted always

→ New behavior: It is possible to deleted only the selected instance

→ Delete all? No! → Only selected instances







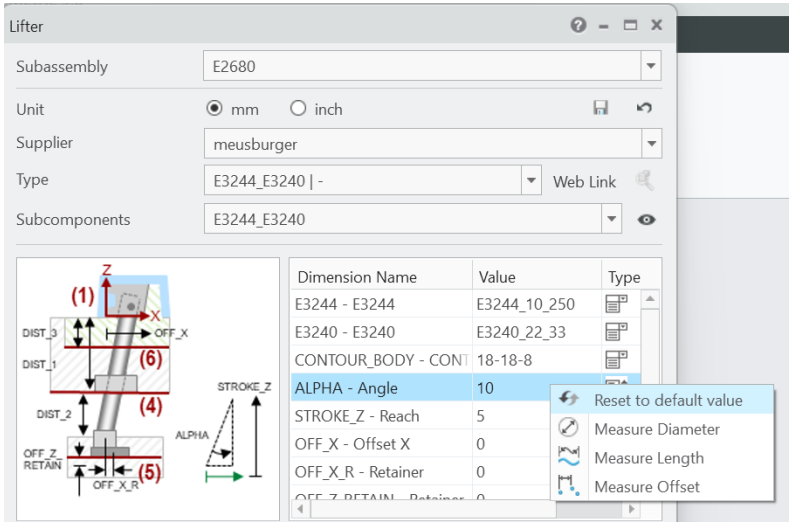
EMX 19.1.0.0

What's New?

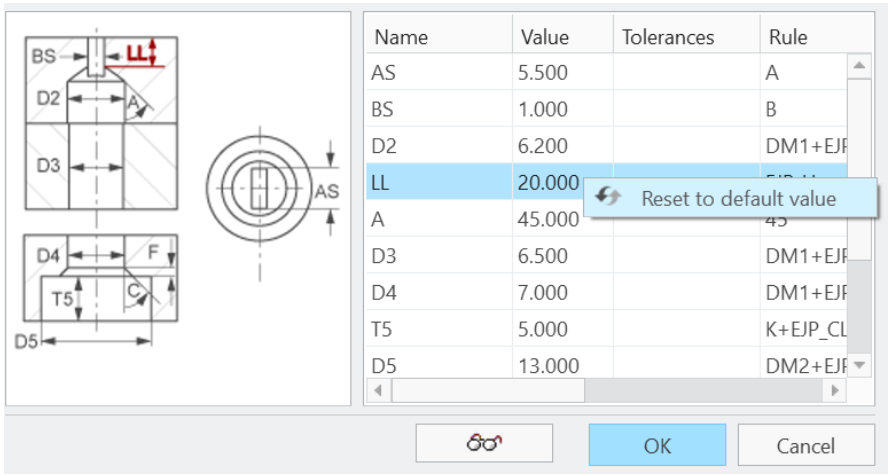


Enhancement

- Component Dialog: Add right mouse button in nominal values and udf dimension table to set back manually edited values to default in edit fields and spin boxes.



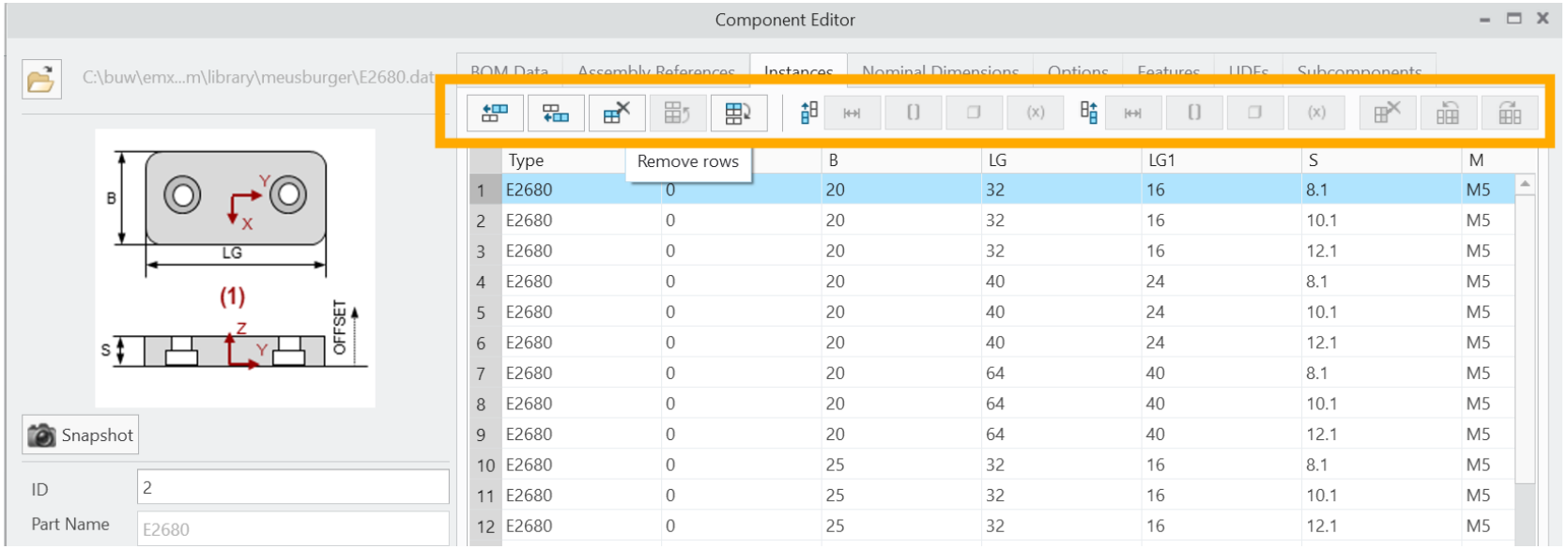
Nominal Value Table



UDF Dimensions Table

Enhancement

- Component Editor: Add additional push buttons to component editor besides buttons on right mouse menu to improve usability.
  → Right-Mouse buttons still exist.



	Type		B	LG	LG1	S	M
1	E2680	0	20	32	16	8.1	M5
2	E2680	0	20	32	16	10.1	M5
3	E2680	0	20	32	16	12.1	M5
4	E2680	0	20	40	24	8.1	M5
5	E2680	0	20	40	24	10.1	M5
6	E2680	0	20	40	24	12.1	M5
7	E2680	0	20	64	40	8.1	M5
8	E2680	0	20	64	40	10.1	M5
9	E2680	0	20	64	40	12.1	M5
10	E2680	0	25	32	16	8.1	M5
11	E2680	0	25	32	16	10.1	M5
12	E2680	0	25	32	16	12.1	M5

Improvements

- Update SmartHolechart to Version 19.1.0.0
- Update existing Meusburger components to version 6.2.13.0
- Facelift for Wema and Ermanno Balzi cooling components.
  → Improve images and models
- “Remove all Ejector Pins” should not delete the return pin.
- Component Editor: Cut quilt can be selected from feature in model tree and not only from model in graphic window.

Enhancement

- Implement HASCO cooling components Z814, Z878, Z8190, Z8190HT, Z8190HT-VA

- Implement KNARR ejector pins with ventilation 300133, 300133 DLC, 300533, 300533

EMX 19.0.0.0

What's New?



Enhancement

- EMX ready for Creo 13.0.0.0