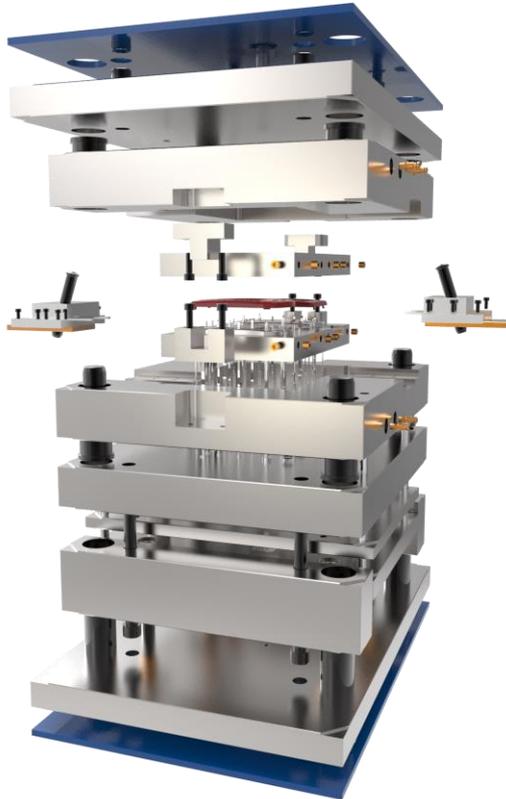


EMX 11.0.2.2

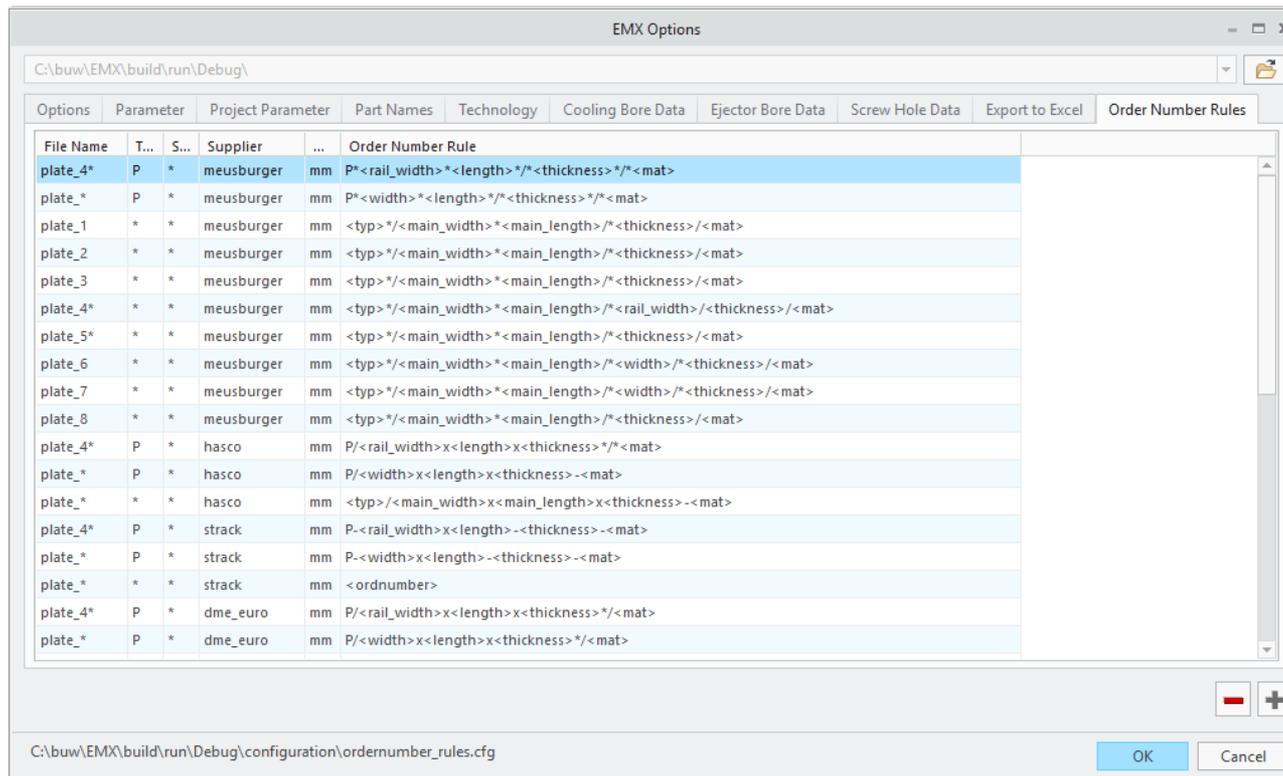
What's New?



Enhancements

New configuration section: Define custom order number rules

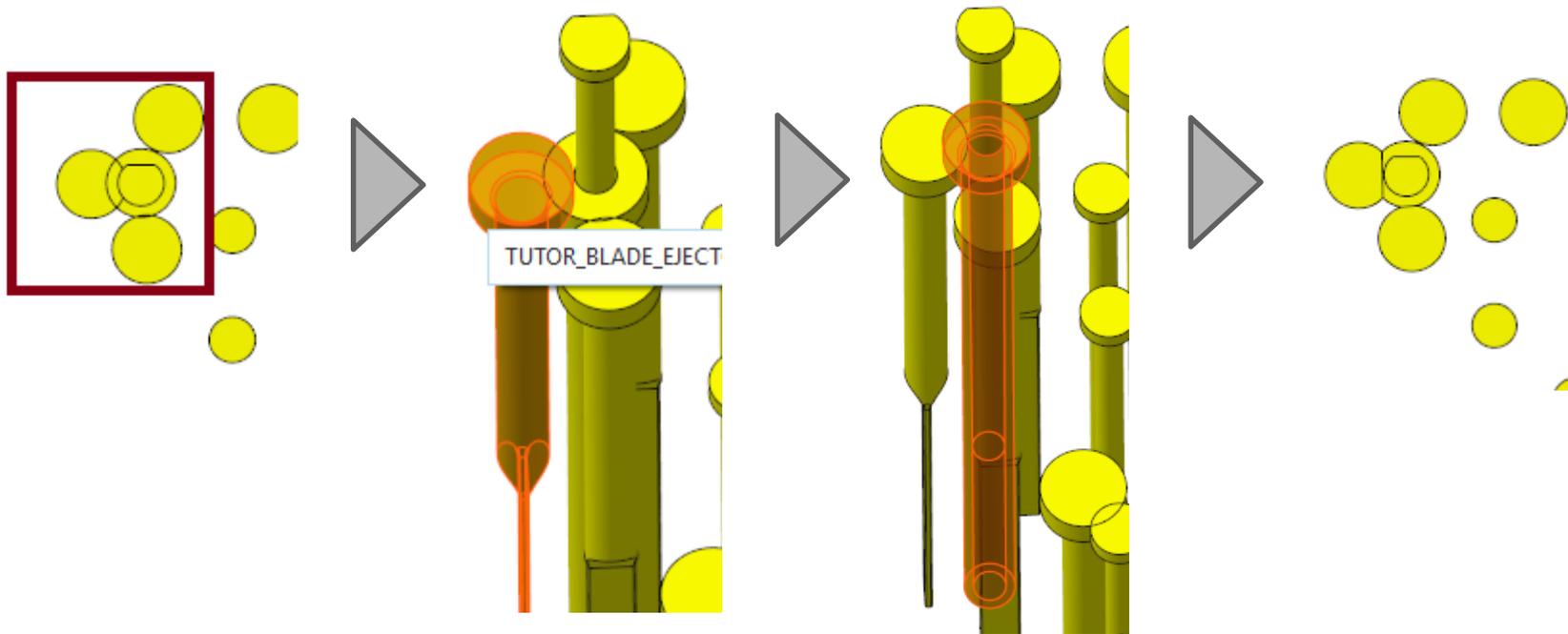
- Rules can now be different for different suppliers, type, units and file names



Enhancements

New Feature: Trim Ejector Pin heads against each other

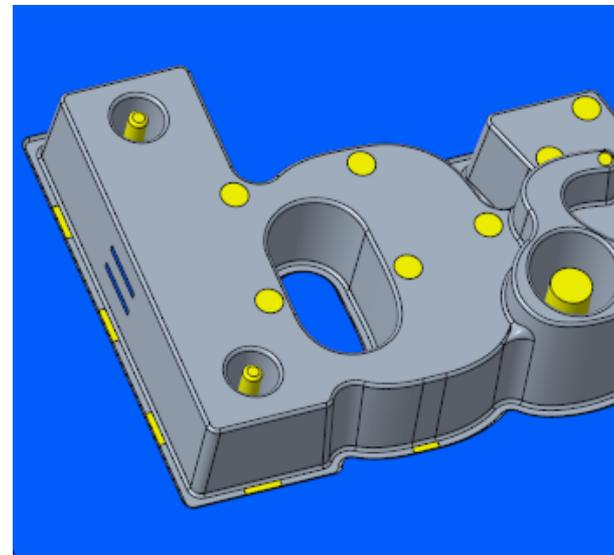
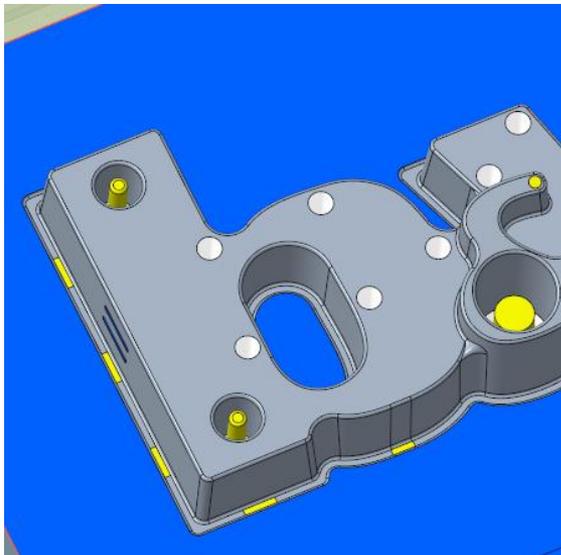
- Interfering ejector pin heads can be trimmed by selecting to different ejector pins



Enhancements

New Feature: Update Existing Ejector Pins Dialog

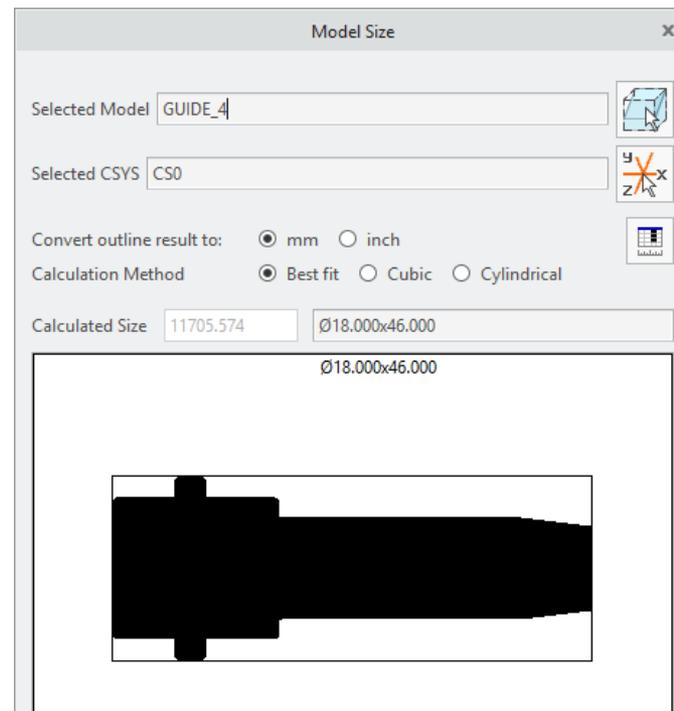
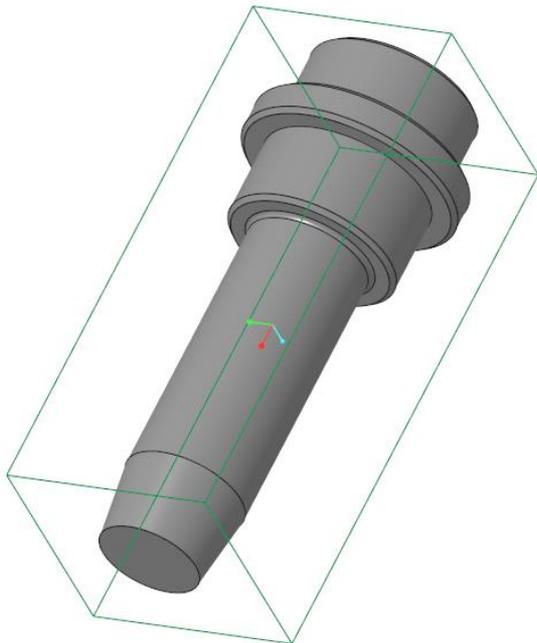
- New command in Ribbon
- Update ejector pins length and order number in case required reference distance has changed.



Enhancements

Improvement for Model Size Dialog

- Display outline values in drawing area
- Allow user to toggle between cubical and cylindrical result in case cylindrical result was determined.
- Improve algorithm to detect cylindrical parts

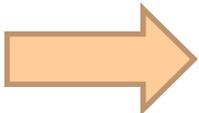


Enhancements

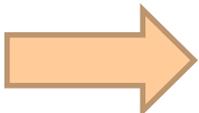
Improved performance of parameter read and write function

Reduce time working with EMX!

- Assembling of Components

 i.e. 240 Ejector Pins: ~45 % faster

- Bill of Materials

 i.e. Open Bill Of Materials Dialog: ~ 40 % faster
i.e. Close Bill Of Materials Dialog: ~ 55 % faster

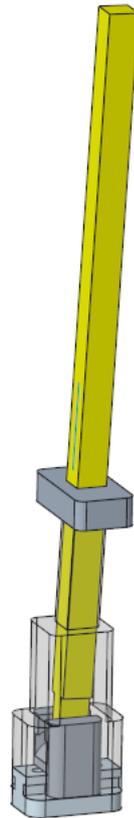
Enhancements

New MEUSBURGER Lifter assemblies added

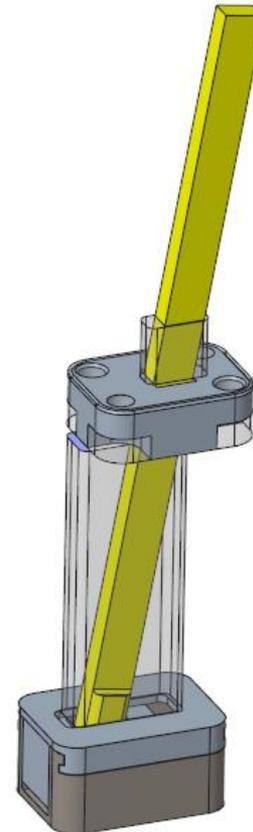
- Additional improvement: Trimmed body can be displayed in Preview



- E3244 + E3240



- E3246 + E3240

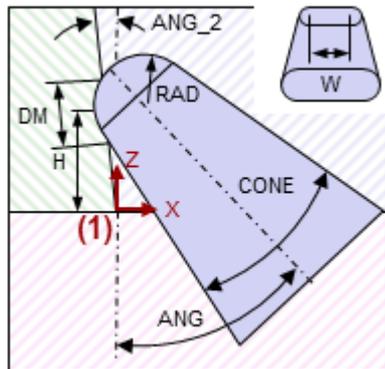


- E32481 +
E3248 +
E3249

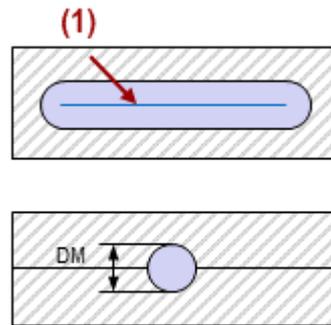
Enhancements

New Runner Library Components

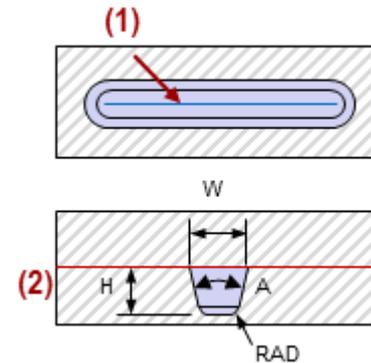
- With the new library components and UDFs runners can be designed easily.



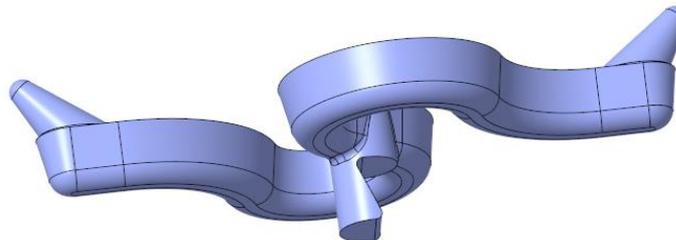
- Conic Gate



- Round runner section UDF



- Trapezoid runner section UDF



New Components

MEUSBURGER

- New Cooling Components: O-Ring E21311
- New Ejector Pins: E17003 and E1723
- New Side Interlocks: W44, Z38,Z46

HASCO

- New slide plates Z555, Z556 and Z557
 - New and updated Ejector Pins Z412, Z4650, Z4651, Z4670, Z4671, Z413, Z443, Z457, Z461, Z465, Z44, Z441, Z45 and Z45
 - New Guides Z14 and Z1105
 - New Cooling Components Z9430 and Z9400
- 
- A decorative graphic element consisting of a thick grey curved line and a thin orange curved line at the bottom right of the slide.

Updated Components

MEUSBURGER

- Update E-Components to latest state: 1st quarter 2019

HASCO

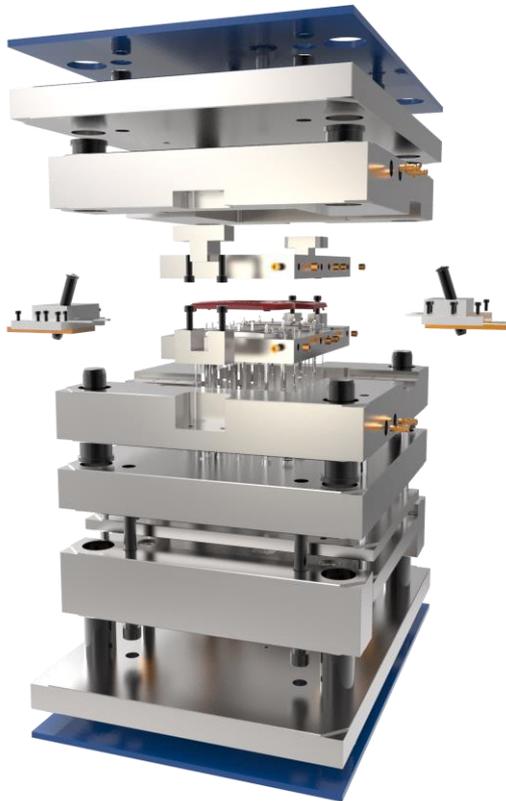
- Remove deprecated Z30 screw
- Screws: Z30 and Z33
- Knockouts: Z02
- Locating Rings: K100, K107, K500, K501, K505, K506, K1000, Z7510, Z7515, Z7520, Z7525, Z7530, Z7535 and Z7540.
- Dowel Pins: Z25 and Z26
- Guides: Z01, Z010, ZU10, Z20, Z040 and Z0100
- Cooling Components: Z94, Z940 and Z9661

DIN

- More screw lengths are available for DIN screws
- 
- A decorative curved line in the bottom right corner, consisting of a thick grey arc and a thin orange arc below it.

EMX 11.0.2.1

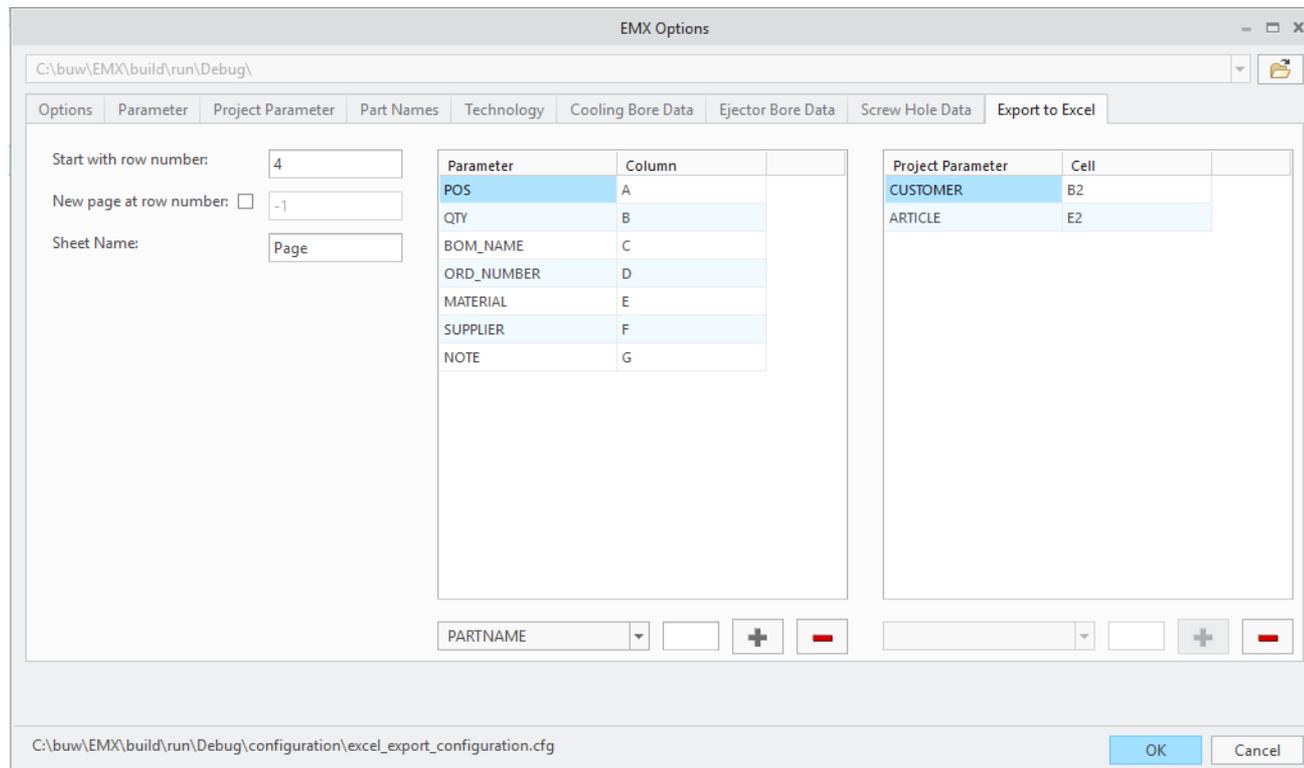
What's New?



Enhancements

New Feature: Direct Interface for Export to Excel available

- No more Visual Basic macro in Excel required.
- Settings can be configured in EMX Options.
- Export to any selected Excel BOM template possible.



Enhancements

New Feature: Direct Interface for Export to Excel available

Both Options still available:



1. Direct Interface

2. Export by VBA-Macro

Bill of Materials						
Customer:			Article			
Position	Quantity	Description	Order Number	Material	Supplier	Note
1	1	Clampingplate MovingHalf	F20/346x346x36-1730	1.1730	Meusburger	
2	1	EjectorRetainerPlate MovingHalf	F85/346x346/256/22-1730	1.1730	Meusburger	
3	1	EjectorBasePlate MovingHalf	F80/346x346/256/17-1730	1.1730	Meusburger	
4	1	Risers MovingHalf Left	F70/346x346/44x86-1730	1.1730	Meusburger	
5	1	Risers MovingHalf Right	F70/346x346/44x86-1730	1.1730	Meusburger	
6	1	Intermediateplate MovingHalf	F60/346x346x36-1730	1.1730	Meusburger	
7	1	Cavityplate MovingHalf	F50/346x346x56-1730	1.1730	Meusburger	
8	1	Cavityplate FixHalf	F50/346x346x76-1730	1.1730	Meusburger	
9	1	Clampingplate FixHalf	F20/346x346x36-1730	1.1730	Meusburger	
10	4	Set screw	E1220/5x16	10.9	Meusburger	
11	4	Stopdisc+Screw	E1500/20	1.1730	Meusburger	
12	4	Stop Disc	E1500/20	1.1730	Meusburger	
13	4	SHC Screw	E1200/12x160	12.9	Meusburger	
14	4	SHC Screw	E1200/12x40	12.9	Meusburger	
15	4	SHC Screw	E1200/8x25	12.9	Meusburger	
16	1	Guidebush	E1100/22-76	1.7131	Meusburger	
17	3	Guidebush	E1100/24-76	1.7131	Meusburger	
18	1	Leaderpin	E1010/22-56/75	1.7131	Meusburger	
19	3	Leaderpin	E1010/24-56/75	1.7131	Meusburger	

What's Possible:

- Parameter to defined column.
- Project Parameter to defined cell.
- Start from defined row number
- Optional: New sheet at defined row number.

Enhancements

New STRACK Sliders:

New Types:

Z4290, Z4290L, Z4292, Z4293, Z4294, Z4294L, Z4295, Z4296,
Z4296L and Z4298



Z4290L



Z4294L



Z4296L

Enhancements

New Components:

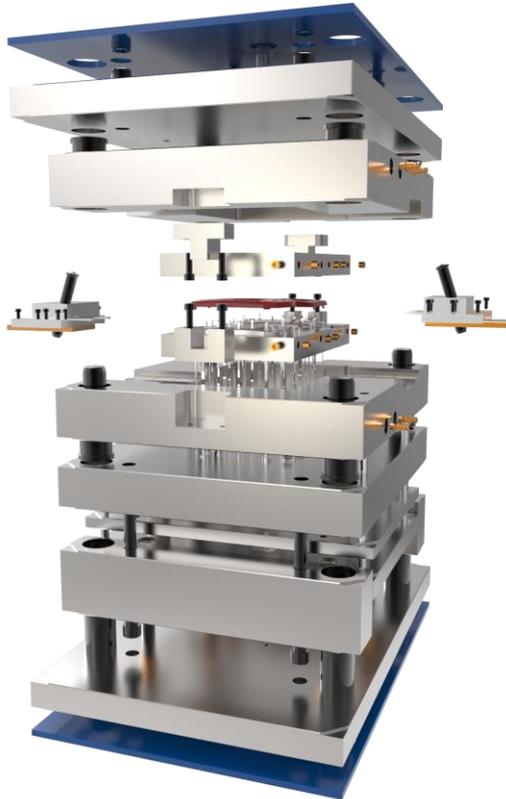
- STRACK – Ejector Pins: R1628 and R1634
- HASCO – Torx Screw: Z330
- MEUSBURGER - Cooling Component: E2112
- MEUSBURGER - Guide Component: E5000 and E5200
- MEUSBURGER - Ejector Pins: E1711 and E17264DLC
- DIN – Ejector Pins: DIN1530-D, DIN6751, DIN8405, DIN8693 and DIN8694.

Updated Components:

- MEUSBURGER – Plates and Component
 - HASCO – Insulation Plates
- 
- A decorative graphic element consisting of a thick grey curved line with a thin orange line underneath it, starting from the bottom right and curving towards the center.

EMX 11.0.2.0

What's New?



Enhancements

New Option: USE_LAYERS_FOR_SIDE_VIEWS

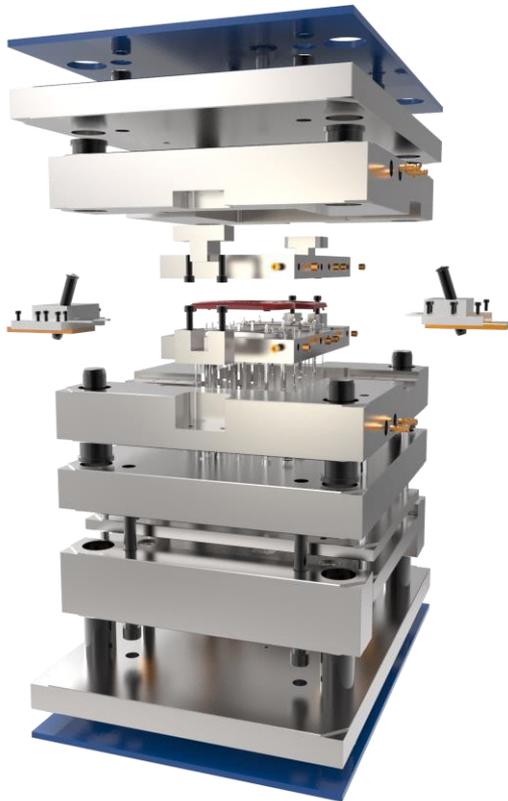
- Instead of simplified representations all EMX components can be put on layers to display the moving and fixed half in the View functionalities.

Major Bug Fixes

- Creo Toolkit API function ProMathExpressionEvaluate behaves different beginning with Creo 4 M080. An Update to EMX 10.0 M030 is required.
- 
- A decorative curved line in the bottom right corner, consisting of a thick grey arc and a thin orange arc.

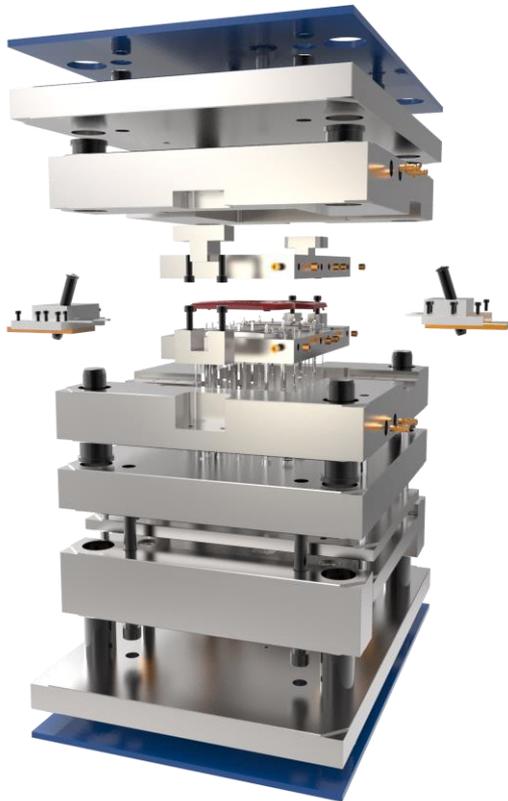
EMX 11.0.1.2

What's New?



EMX 11.0.1.1

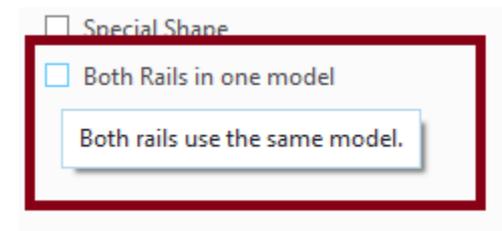
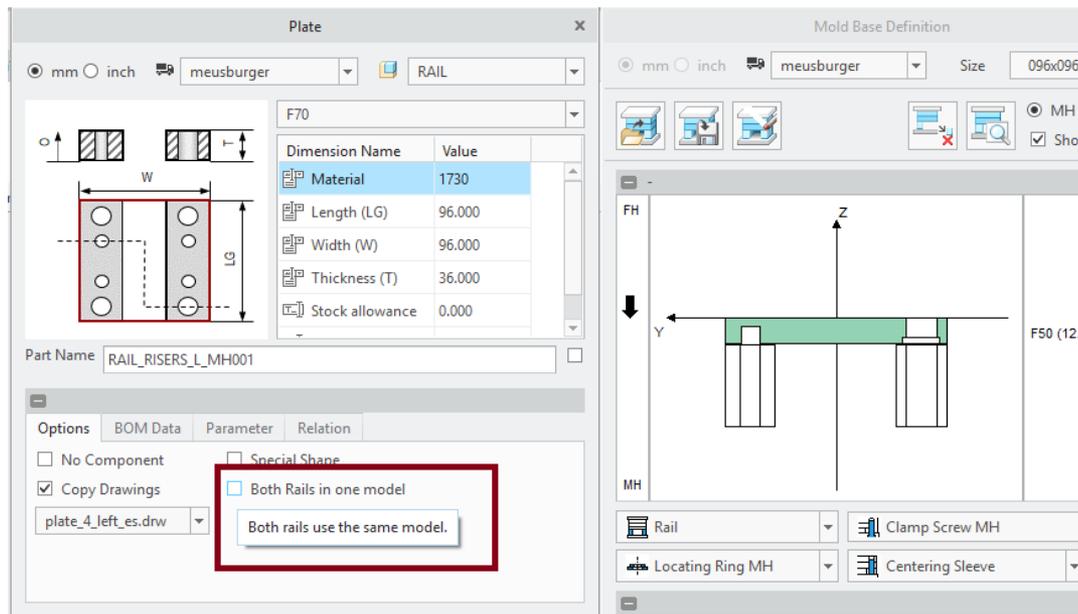
What's New?



Enhancements

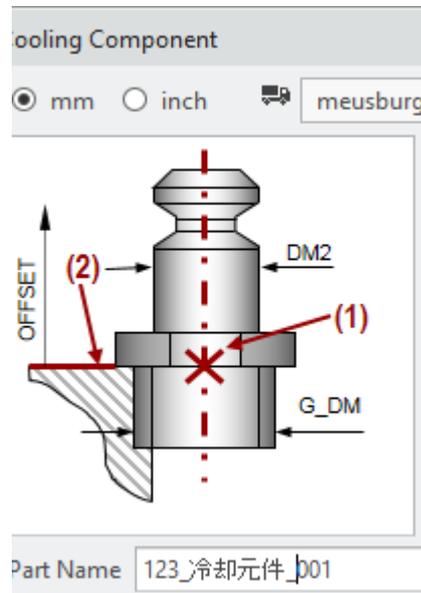
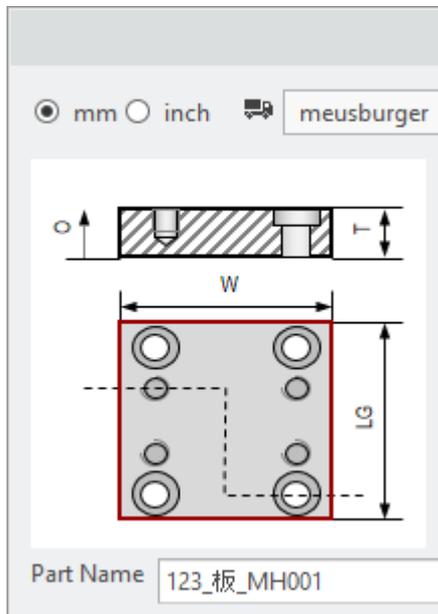
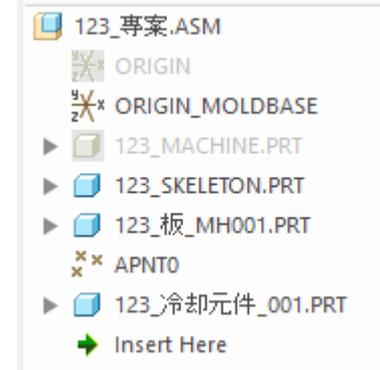
“Use One Model Rail” can be modified from Rail Plate Dialog

- The EMX Option USE_ONE_MODEL_RAIL only sets the default for check button
- Different types of rail models can be assembled to one mold base



Enhancements

Unicode characters are supported for file names, parameter names and parameter values.



Enhancements

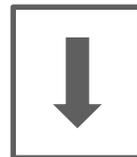
In BOM Dialog use UP and DOWN arrow keys to jump to next cell at top or bottom.

- Reduces clicks when working in the BOM
- Current cell value is confirmed and next cell is activated

PARTID	BOM_NAME	S
01-0001	Aufspannplatte Auswerferseite	M
01-0001	Auswerfergplatte Auswerferse...	M
01-0001	Auswerferplatte Auswerferseite	M
01-0001	Leiste Auswerferseite	M
01-0001	Leiste Auswerferseite	M
01-0001	Zwischenplatte Auswerferseite	M
01-0001	Rahmenplatte Auswerferseite	M
01-0001	Rahmenplatte Duesenseite	M
01-0001	Leiste Duesenseite	M
01-0001	Leiste Duesenseite	M
01-0002	Aufspannplatte Duesenseite	M
01-0001	Auswerfergplatte Duesenseite	M
01-0001	Auswerferplatte Duesenseite	M



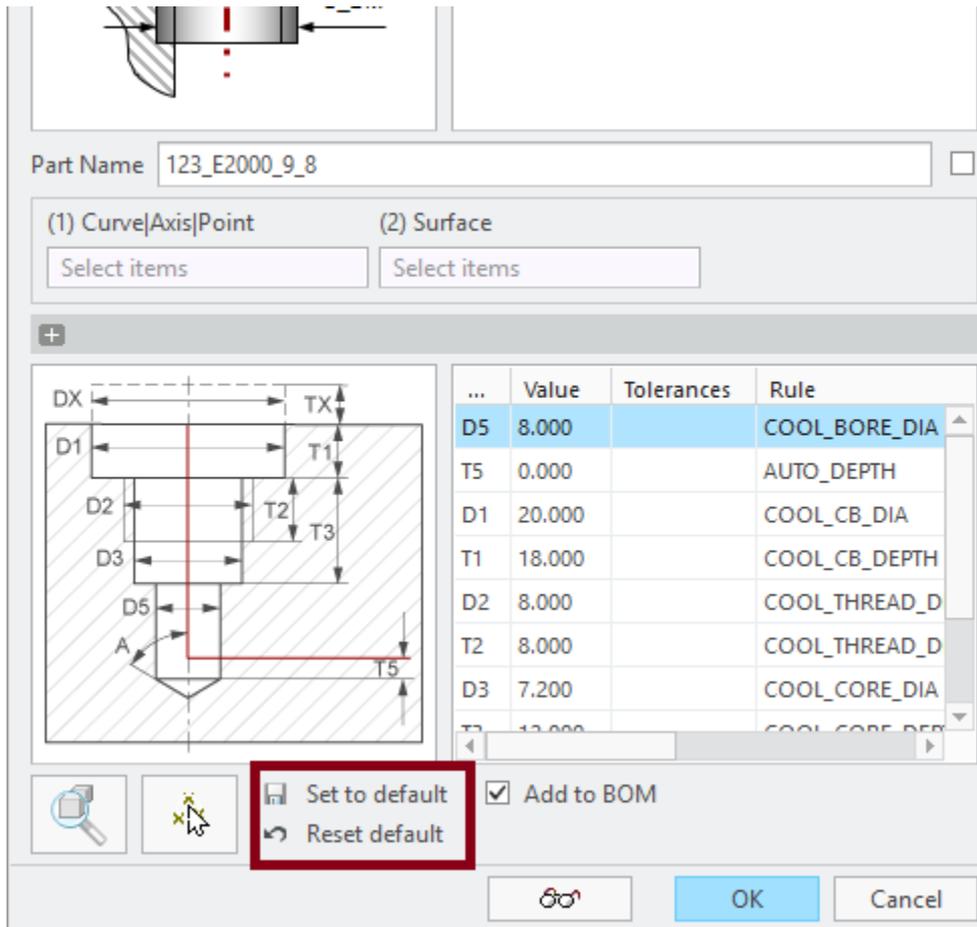
01-0001	Auswerferplatte Auswerferseite	I
01-0001	Leiste Auswerferseite	I
01-0001	Leiste Auswerferseite	I
01-0001	Zwischenplatte Auswerferseite	I
01-0001	Rahmenplatte Auswerferseite	I



01-0001	Auswerferplatte Auswerferseite	I
01-0001	Leiste Auswerferseite	I
01-0001	Leiste Auswerferseite	I
01-0001	Zwischenplatte Auswerferseite	I
01-0001	Rahmenplatte Auswerferseite	I

Enhancements

New button in Component Dialog to reset saved component instances to default.



Part Name: 123_E2000_9_8

(1) Curve|Axis|Point (2) Surface

Select items Select items

...	Value	Tolerances	Rule
D5	8.000		COOL_BORE_DIA
T5	0.000		AUTO_DEPTH
D1	20.000		COOL_CB_DIA
T1	18.000		COOL_CB_DEPTH
D2	8.000		COOL_THREAD_D
T2	8.000		COOL_THREAD_D
D3	7.200		COOL_CORE_DIA
T3	12.000		COOL_CORE_DEPTH

Set to default
 Reset default

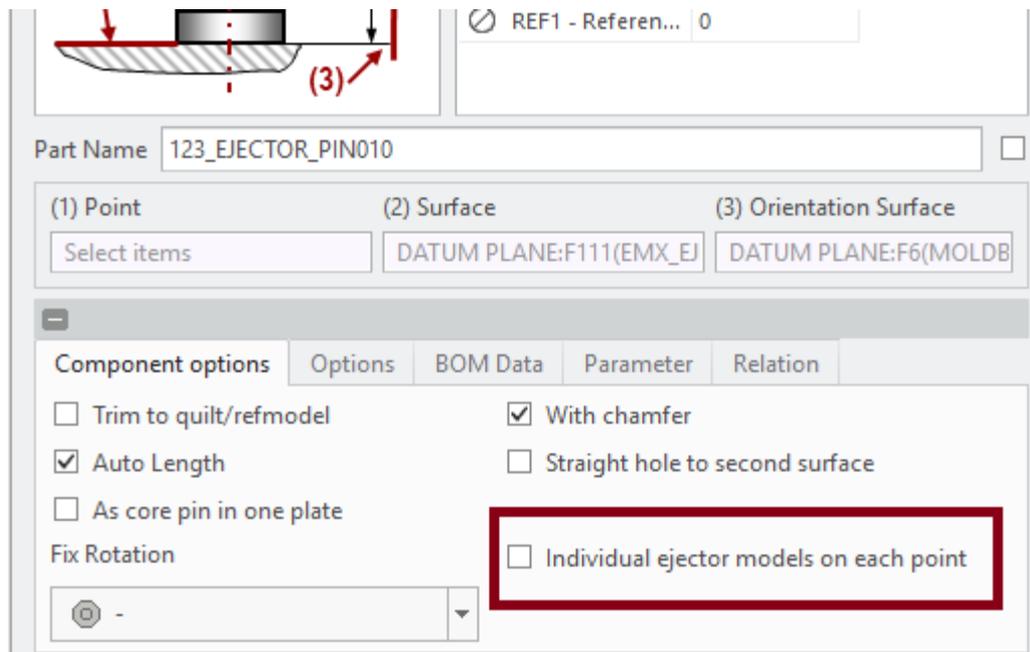
Add to BOM

OK Cancel

Enhancements

Ejector pins defined on multi point features can be forced to be created as individual models.

- Previously option ENABLE_MULTI_EJP behavior in EMX Options
- The EMX Option ENABLE_MULTI_EJP only the sets default for check button

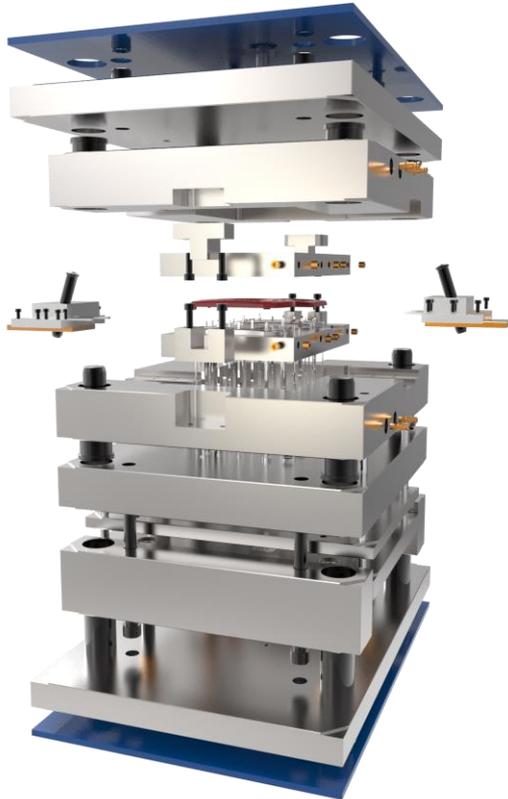


Components

New components

- MEUSBURGER cooling components E20749 and E2074D.

EMX 11.0.1.0



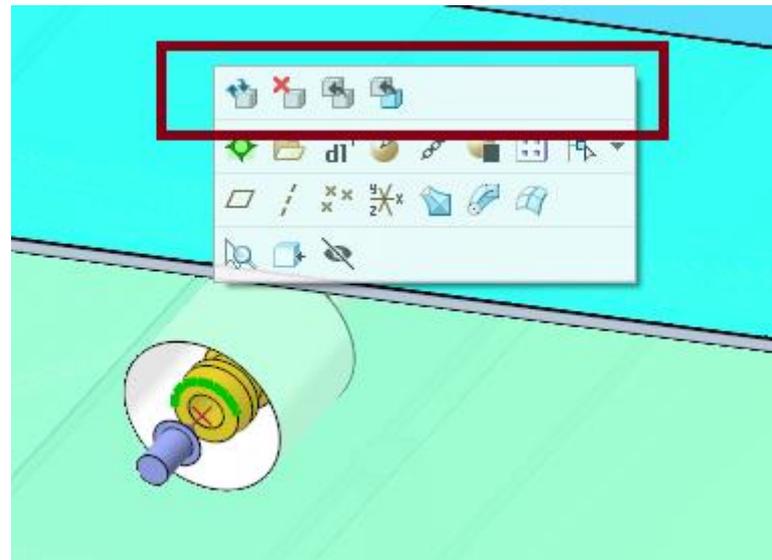
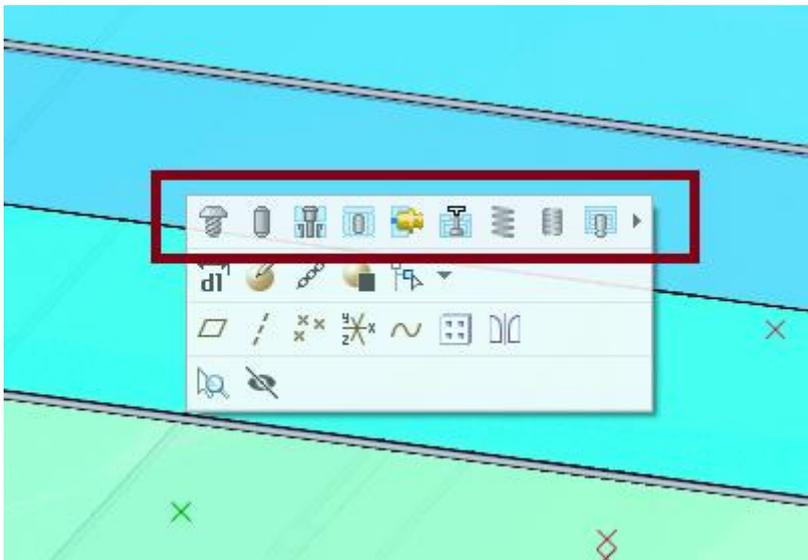
What's New?

- Enhancements
- Components

Enhancements

Enable Mini Tool Bar with EMX 10 and Creo 4.0

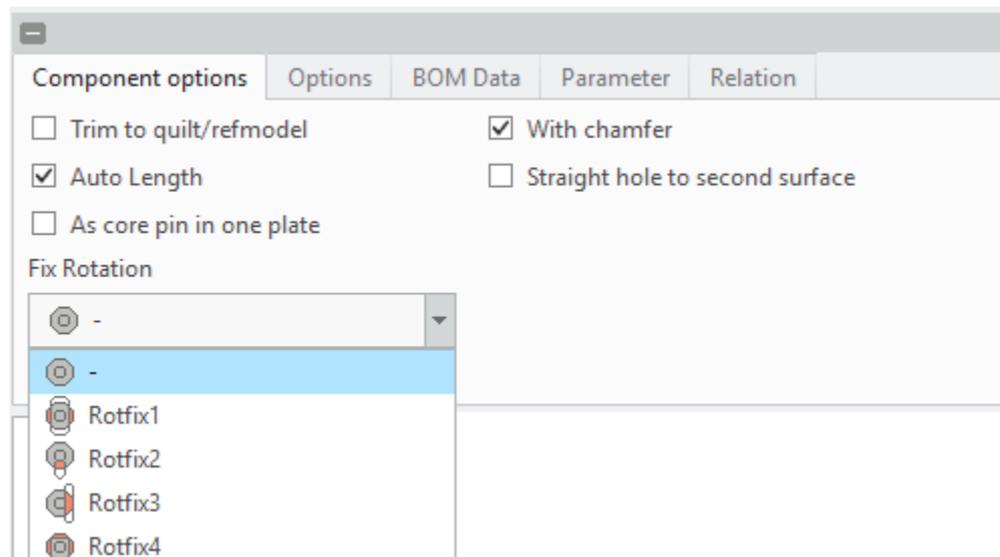
- Select Datum Points and Axis
- Create Components by Mini Tool bar commands
- Selection of selected datums is immediately stored in Component Dialog



Enhancements

Improve Ejector UDFs and Options

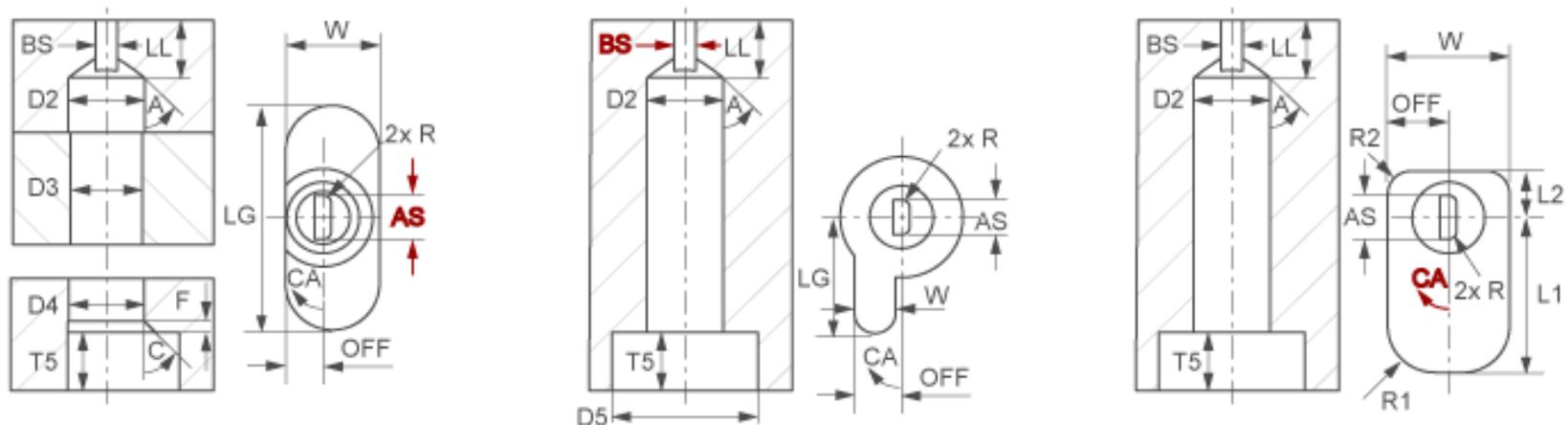
- New Rotation Fixture Type
- New Chamfer Option
- Visualization of Trim Option
- Separate Rotation Fixture Angle for all UDF Types
- Improved Preview Sketch UDFs
- Separate Tabs for Component Options and Assembly Options



Enhancements

New UDF Images for Cooling Components, Guides, Ejector Pins and Dowel Pins

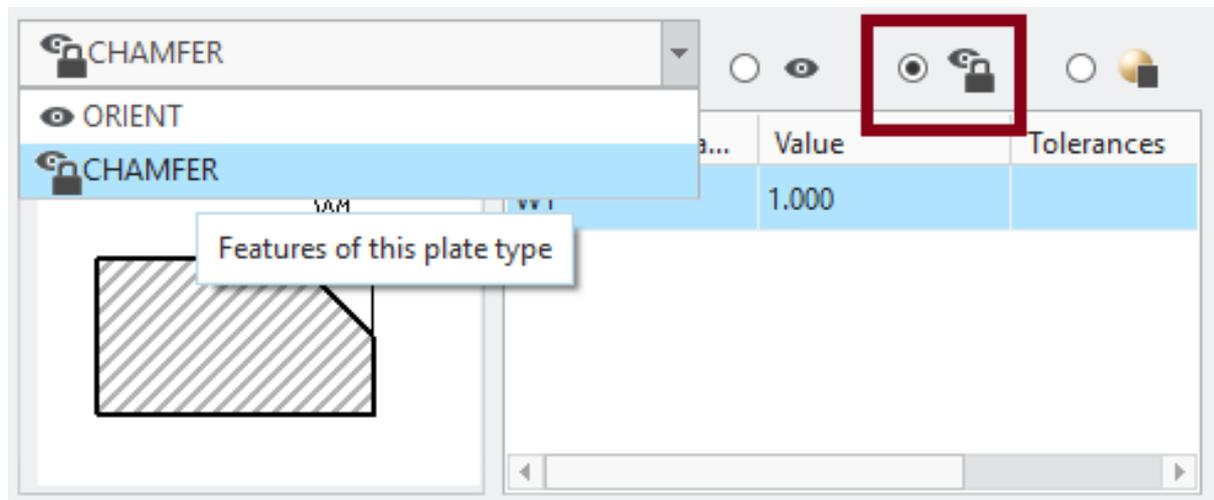
- Verification of all visualized UDF dimensions
- New Design



Enhancements

New Feature Visibility Status Type “Visible Locked” in Plate Dialog

- Feature can be resumed and locked.
- It will not be suppressed when changing the size of the plate



Components

STRACK

- Update of existing ejectors
- New Springs: SN2520, SN2540, SN3560, SN3580, SN2590, SN2600, SN2625
- New Side Interlocks: W44, Z38,Z46

EBERHARD

- Update of existing ejectors
- New Ejectors: 6116, 6118, 612R, 6143, 6178, 6261, 6271, 6281, 6331, 6335, 6341, 6351, 6361, 6371, 6381, 6441, 6622

MEUSBURGER

- Update component and plate data to latest state

LKM

- Clamping Slots available for side gate plates

KNARR

- Update component data to latest state
- 
- A decorative curved line in the bottom right corner, consisting of a grey outer curve and an orange inner curve.