EMX 13.0.3.7

What's New?

Enhancements

New components:

- New MEUSBURGER cooling components E20767, E20769 and E20809
- New STRACK pneumatic components Z139 Z5144, Z5145 and Z5146
- New STRACK slider holding device Z5129, Z5130, Z5131
- New STRACK stroke cylinders Z5100, Z5101, Z5102
- New STRACK thrust pieces Z3152, Z3154, Z3153, Z3156 and Z3158
- New knockout STRACK Z5085

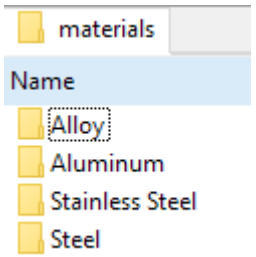
EMX 13.0.3.6

What's New?

Enhancements

Improved MATERIAL_PATH behavior

- Materials can be structured in subfolders



- Config Option MATFILE_EXTENSION is no longer active.
- *.mtl files are handled with higher priority then *.mat files
- Search priority is now:
    1. Files from Material Path
        - 1.1 *.mtl
        - 1.2 *.mat
    2. Files from USER_CONFIG_PATH
        - 2.1 *.mtl
        - 2.2 *.mat
    3. Files from INSTALLATION
        - 3.1 *.mtl
        - 3.2 *.mat

EMX 13.0.3.5

What's New?

Enhancements

- New XML based recipe files

Deprecated text-based files still work

- New MEUSBURGER ejector pins

E1770 (with air ventilation), E1780, E17109

- New PEDROTTI guides

EBU2, EBU2B, EZP1H, EBU3B, EZP1

- New PEDROTTI ejector pins

EES2CB, EES2DLC, EES2NL, EES2CL_2RAD, EES2CL_4RAD

- Option “Force cutout in surface owner” removed for guides, ejectors and screw

Not required anymore due to improved cut out algorithm

EMX 13.0.3.4

What's New?

Enhancements

- New weblink button in Library Component Dialog
- New and updated PEDROTTI guide components

EBU1, EBU1B, EBU1BG, EBU1H, EBU1HBG, EBU1S, EBU1SBG, EBU1SH, EBU3, EBU3B, ECO1, ECO1H, ECO1S, ECO1SH, ECO2, ECO2E, ECO2L, ECO2LC, ECO2SG

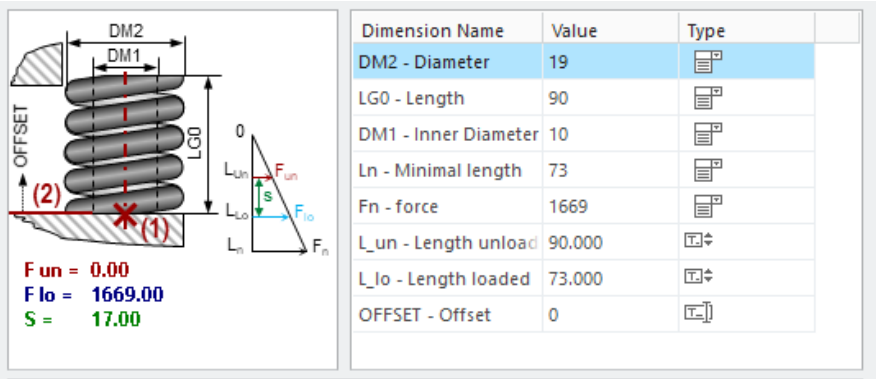
EMX 13.0.3.1

What's New?

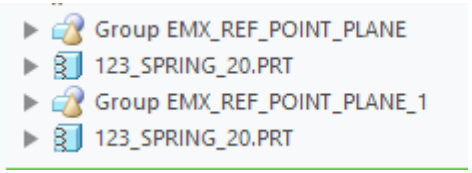
Enhancements

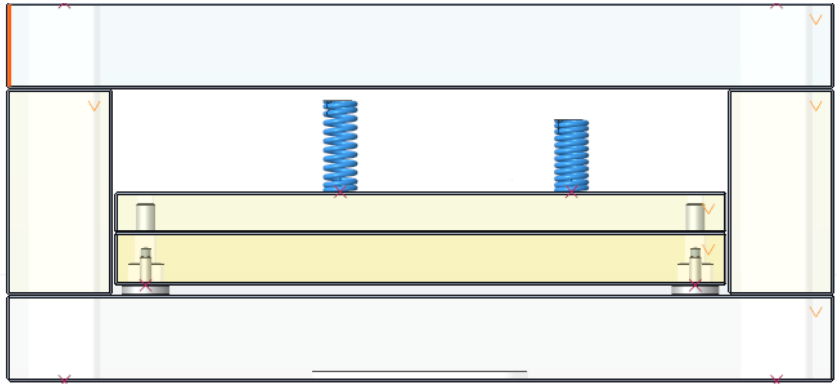
New Flexible Springs:

- Springs can now be assembled as flexible models.
- Implemented for Hasco, Meusburger and Strack springs.
- The same model can be assembled multiple times, but with different lengths



Dimension Name	Value	Type
DM2 - Diameter	19	
LG0 - Length	90	
DM1 - Inner Diameter	10	
Ln - Minimal length	73	
Fn - force	1669	
L_un - Length unload	90.000	
L_lo - Length loaded	73.000	
OFFSET - Offset	0	





EMX 13.0.3.0

What's New?

Improvments

New Config Option:

LIBRARY_DISABLE_MANUAL_PLACEMENT_WITH_INCOMPLETE_REFERENCES:

Default value: NO

Disable manual placement by component interface assembly
for library components in case of incomplete assembly references.

This option can hale to avoid incompletely placed components in mold base assemblies

EMX 13.0.2.4

What's New?

Enhancements

New and updated DME EUROPE components available:

- Locating Rings: F1360, F1367, RB, DHR21, R19, R20, R22, R23, R40, R60, R60L, RB60 and RB90
- Guide components: R01, R02, R03, R03W, R04, R04W, R05, R08, R09, APD, IPWC, IPNH, FBC, FBN, FSC, FSN, FB120, FB140, FW14, GB112, GB113, GB114, GEB, TD, ZH, F1000, F1010, F1020, F1030, F1040, F1100, F1110, F1120, F1121, F1125, F1126, F1127, F1140, F1144, F1145, 1150, F1332 and FW1213
- Support Pillars: SP, FW28, FW29
- Ejector Pins: CHE28, EAH28, ENA05, ENC05, EOA05, EPA05, EPC05, EPD28, ERA05, ERFAQ, EDC, EDH, PCM, FW, FK, S, KS, EAV, F2R and F4R
- Knockout: F1050 and 1515

New and updated MEUSBURGER components available:

- Knockout: E1514 and E1515
- Guiding package: E1325 and E1330

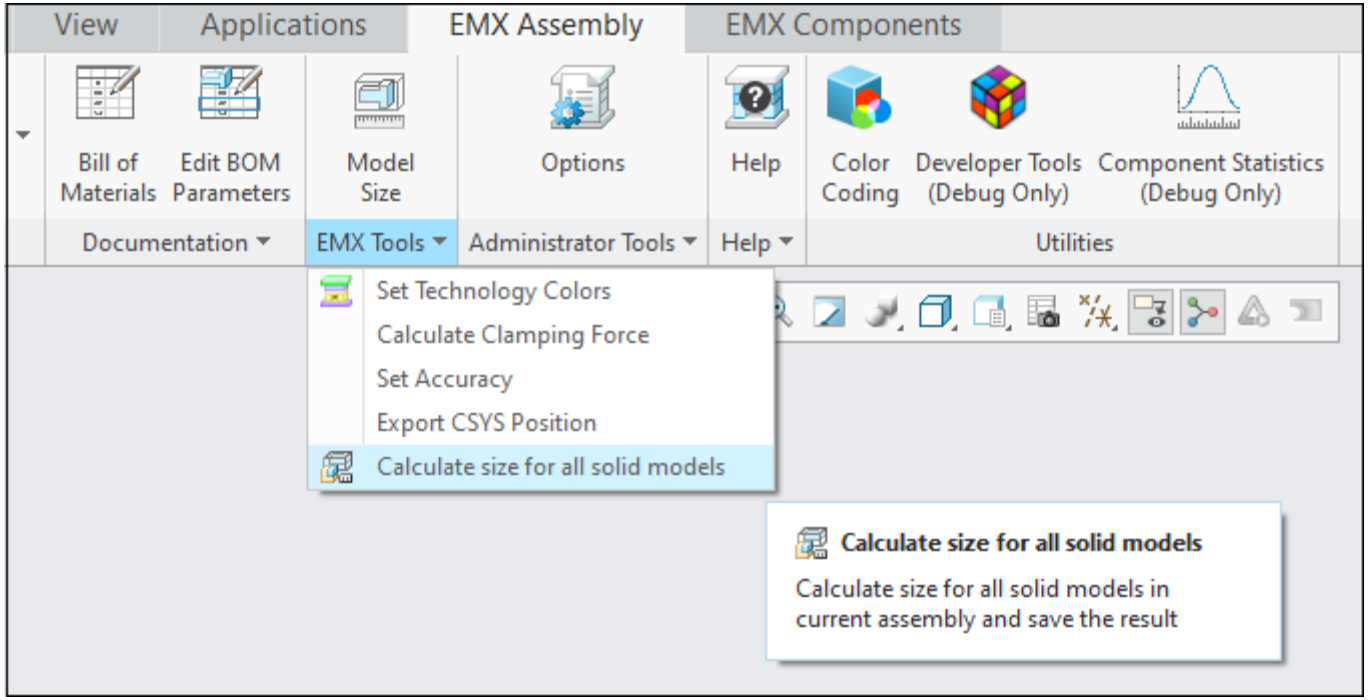
EMX 13.0.0.4

What's New?

Enhancements

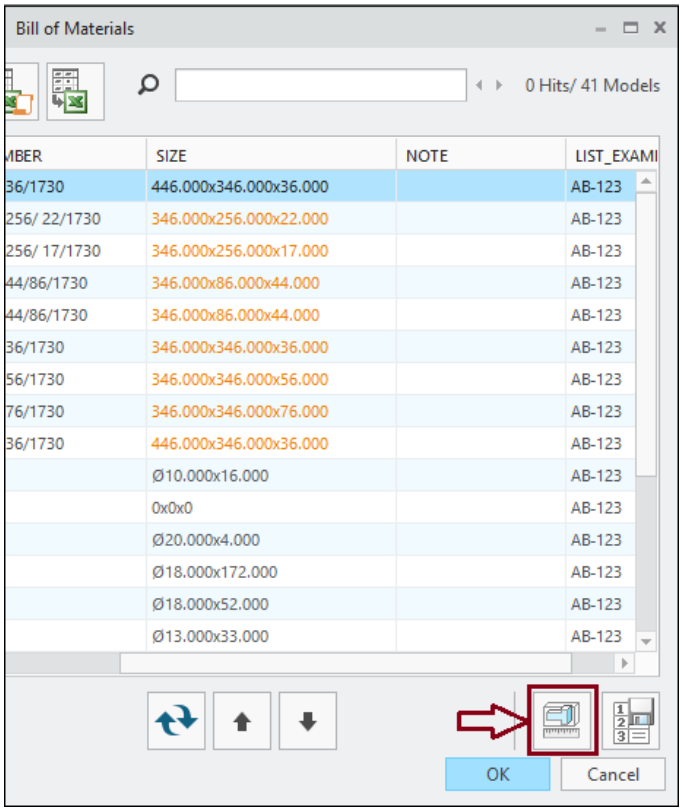
Introduce command to calculate size parameter of all models in assembly:

Calculate size for all solid models without opening the Bill of Materials



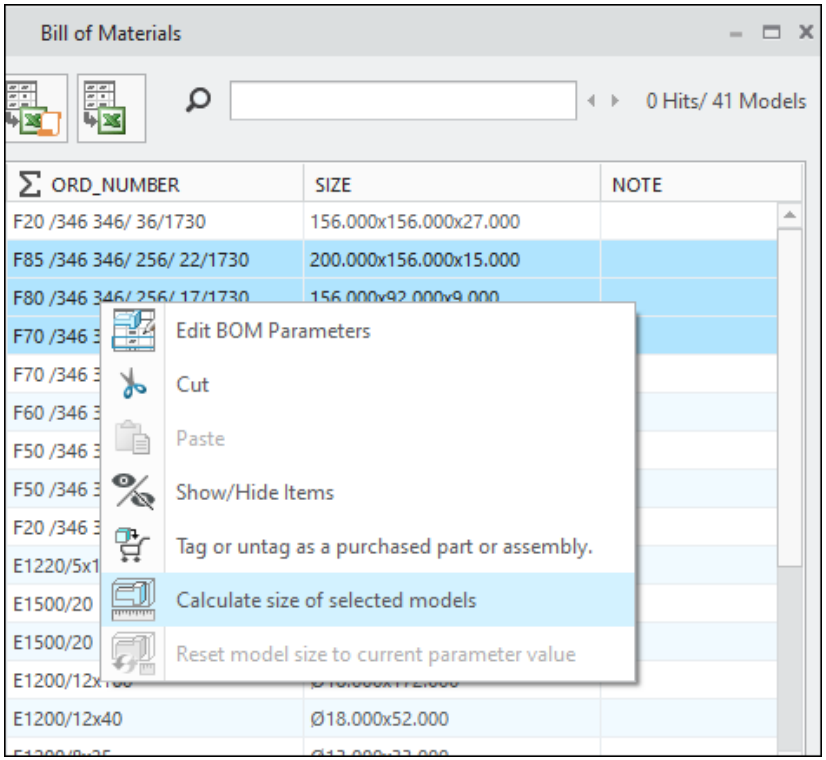
Enhancements

When recalculating size parameter in BOM, all changed values are highlighted:

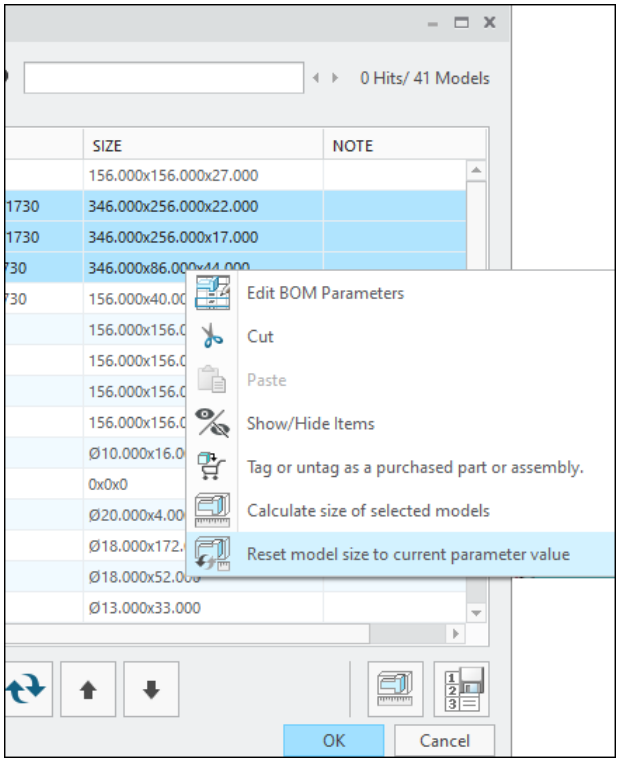


Enhancements

Recalculate size parameters of selected models only from Right Mouse Menu:



Reset the model size to the current parameter value for selected components from the Right Mouse Menu:



EMX 13.0.0.2

What's New?

Enhancements

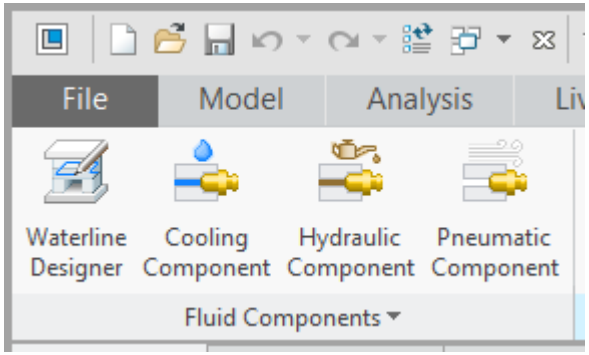
New Commands for Hydraulic and Pneumatic components:

New Hydraulic components:

- Meusburger E1700, E7140

New Pneumatic components

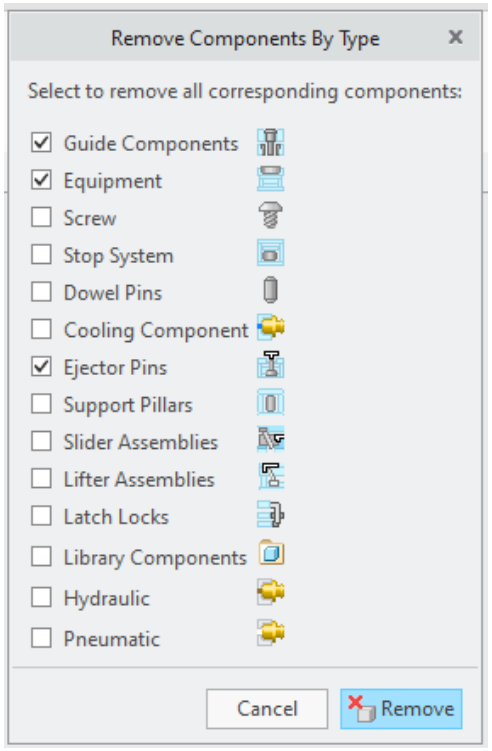
- Festo GS-G-I, QS-R-I



Enhancements

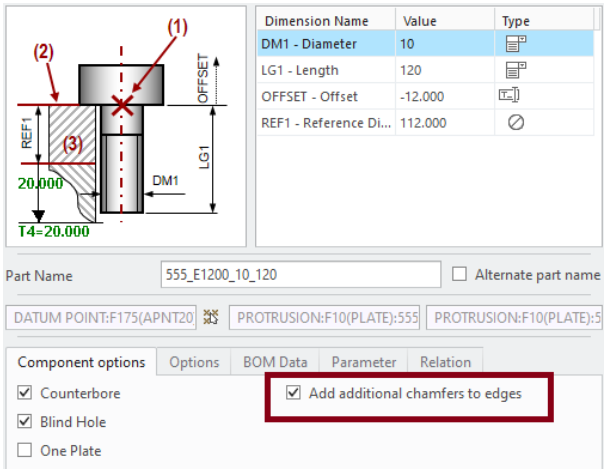
New Dialog to delete all components of a selected type:

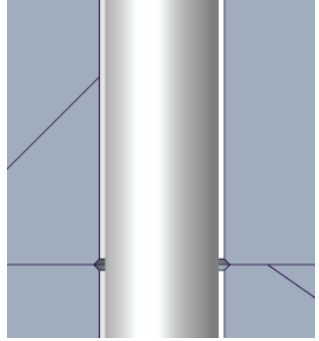
Current function to delete all cooling components or all ejector pins is extended for all different components types.



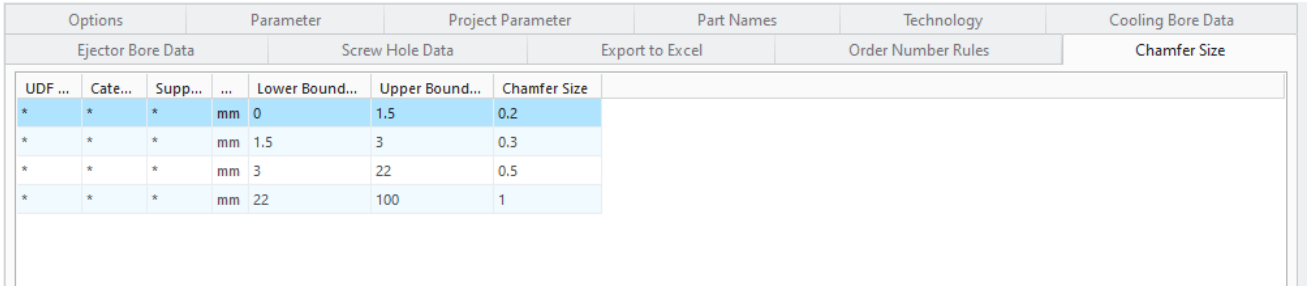
Enhancements

New Option in Component Dialog to automatically create chamfers on edges in cutout UDFs for all kind of components:





A rule set for chamfer sizes can be defined in EMX options.



Enhancements

New Command to transfer surface parameters from reference part to mold volumes:

- Manufacturing information can be transfered from the reference part to further derived models in the cavity.
- Supports model-based definition approach.

Enhancements and Improvements

New Option SOLID_TOLERANCE_STANDARD:

- Set solid tolerance standard independet from unit.

IGES, STEP, DXF export in BOM works with active Windchill workspace

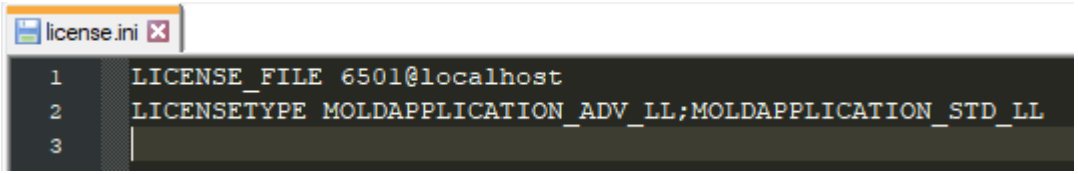
New MEUSBURGER guide components

- E5140, E5152 an E5202

Option BOM_BALLOON_CUSTOM_PARAM works now with component parameters

License.ini supports multiple license types on same license server

- In case multiple licenses types are defined a license can be selected froma dialog box.



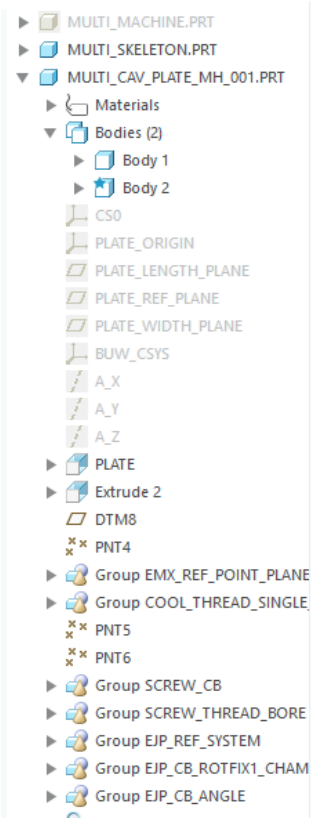
EMX 13.0.0.0

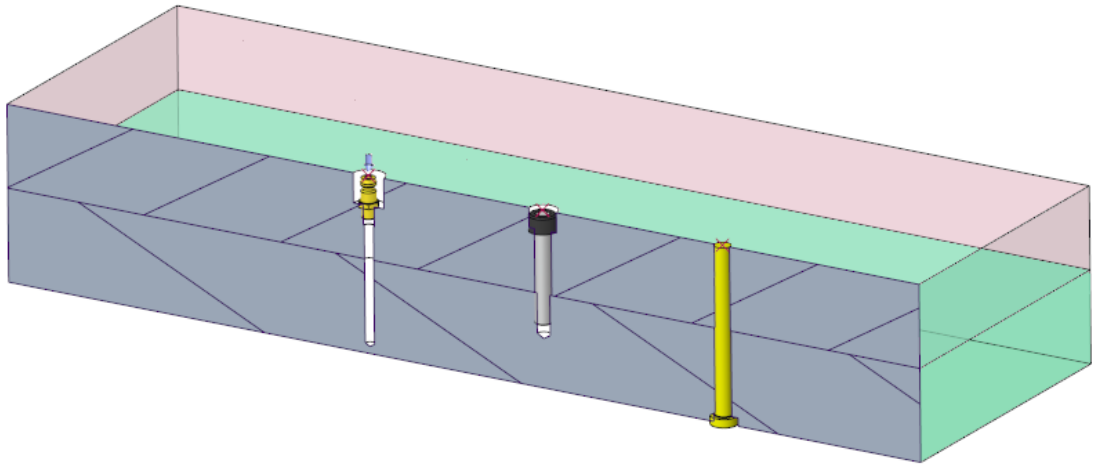
What's New?

Enhancements

EMX is ready for Multi Body with Creo7!

- All Cut out UDFs are updated to work with multi body parts.
- Cut out mechanism detects multi bodies.





Enhancements

"Trimmed " and "Shortened length" can be added to Ejector Pin notes parameter:

- Create an ejector pin pre or post note string using the EMX options EJP_NOTE_PRE_STRING or EJP_NOTE_POST_STRING
- In case the configuration option contains the placeholder <geometry_option> it will be replaced with „trimmed" or „shorted_length"

Enhancements

New configuration file customer_number.cfg introduced:

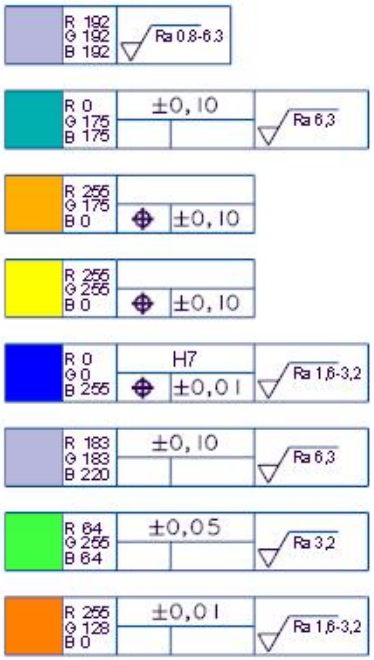
- This config file can be used to overwrite the content of the USER_NUMBER parameter based on supplier, category, type and instance of a component.

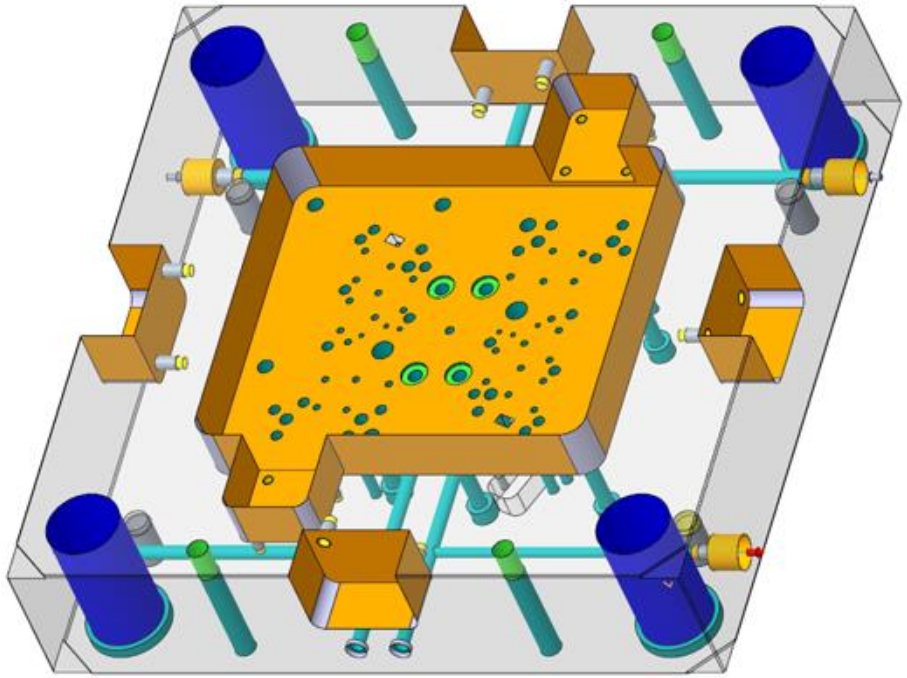
- This allows the configuration of custumer number values without modifying the component *dat files at all.

Enhancements

EMX is now SMARTColor ready!

- Apply color coding rules with B&W SMARTColor application
- More information on our website: SMARTColor in EMX





Enhancements

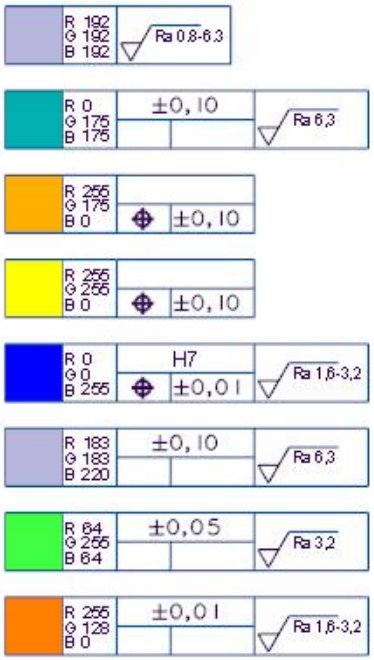
New EMX Tutorial is now available!

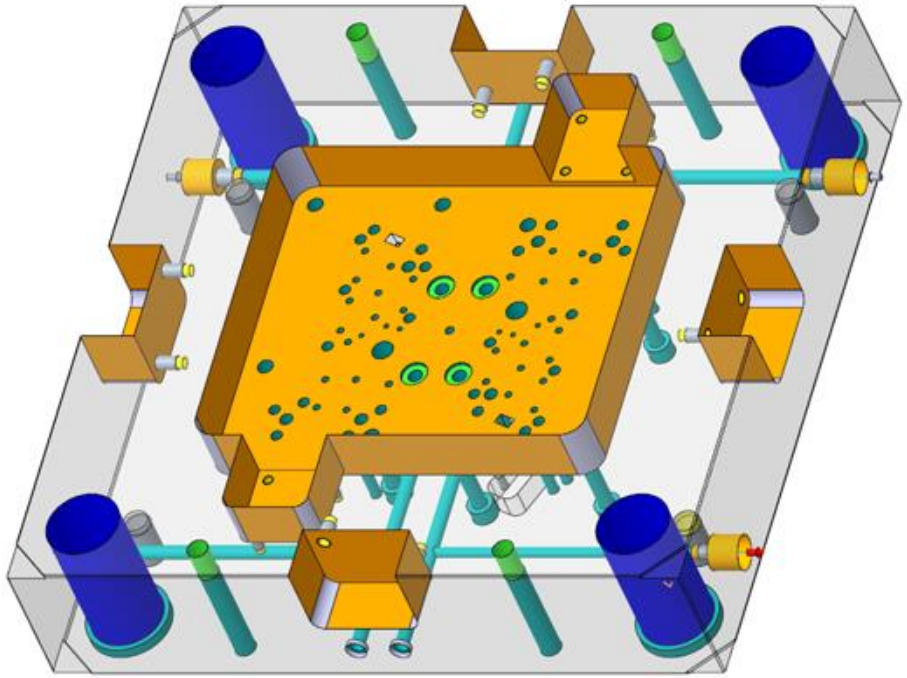
- We finally finished our new Tutorial
- You can download the PDF here: Tutorial

Enhancements

EMX is now SMARTColor ready!

- Apply color coding rules with B&W SMARTColor application
- More information on our website: SMARTColor in EMX





Enhancements

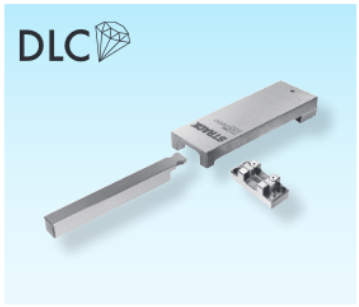
New STRACK Z4 latch lock assembly

- New assembly contains all variation of the Z4 latch lock

STRACK® NORMALIEN

Entformungselemente – indirekt | Demoulding elements – indirect
Eléments de démoulage – indirects

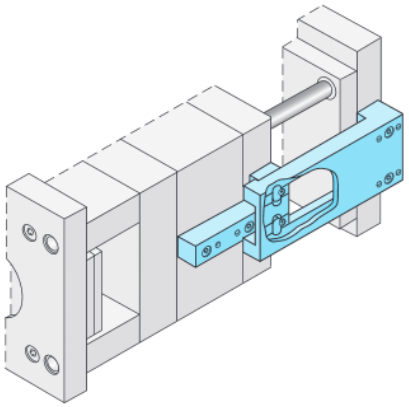
Klinkenzüge	Latch locks	Ouvres-moules

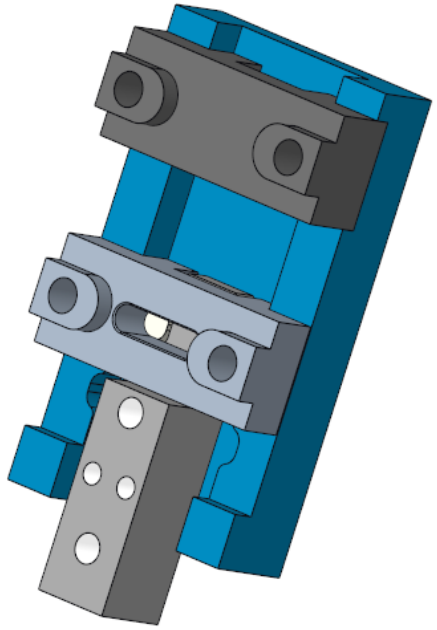


Z4-1-

deutsch 6.84-94
english 6.95-105
français 6.106-116

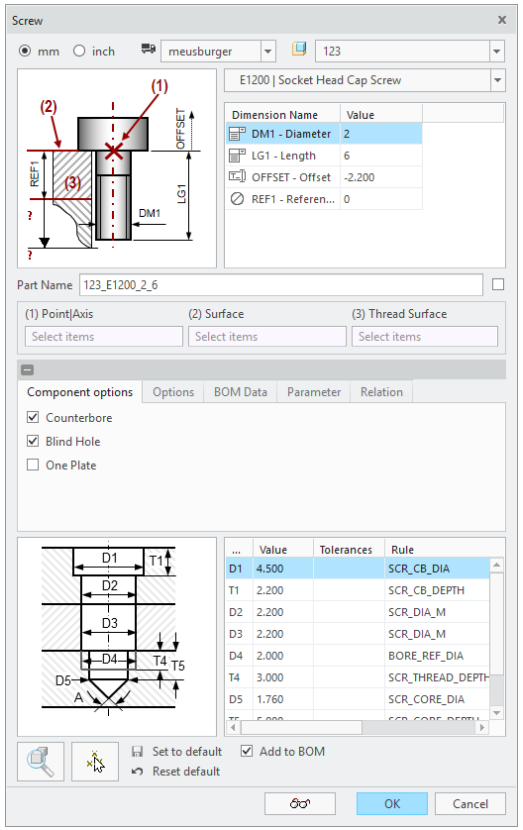
Z4-1-Type



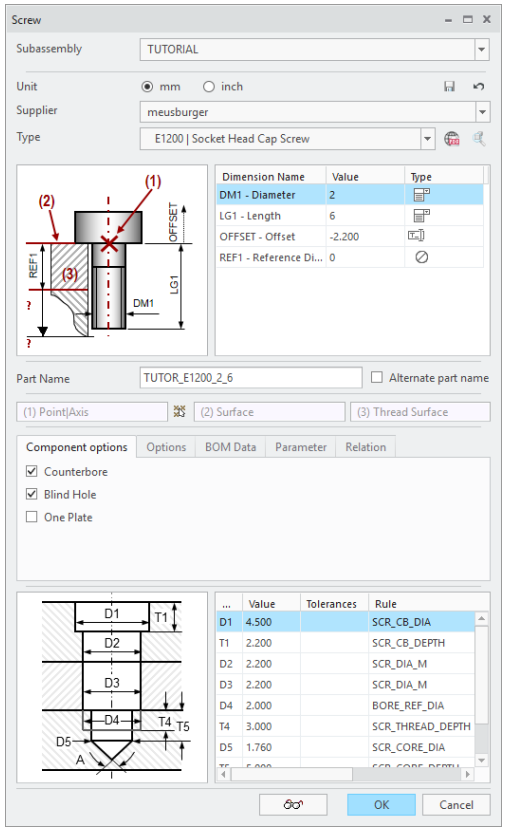


Enhancements

Streamlined UI of Component Dialog:



- Old



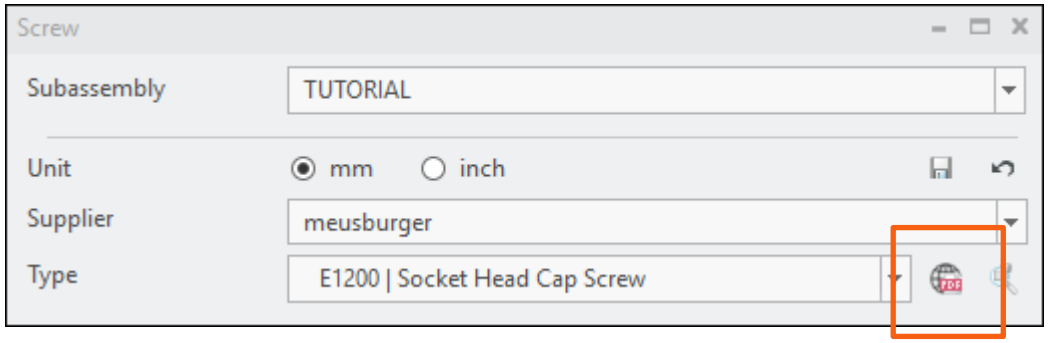
- New

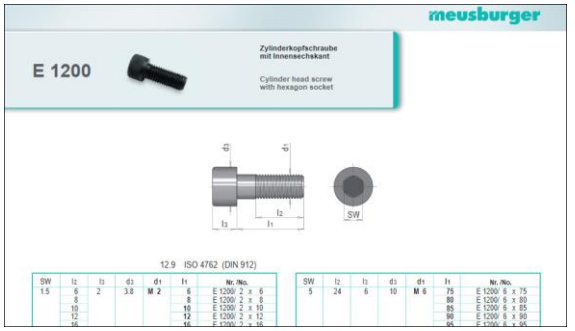
- Type selection improved
- Buttons moved from bottom area to related UI elements
- Dialog is resizable and can be maximized
- Missing UI descriptions added

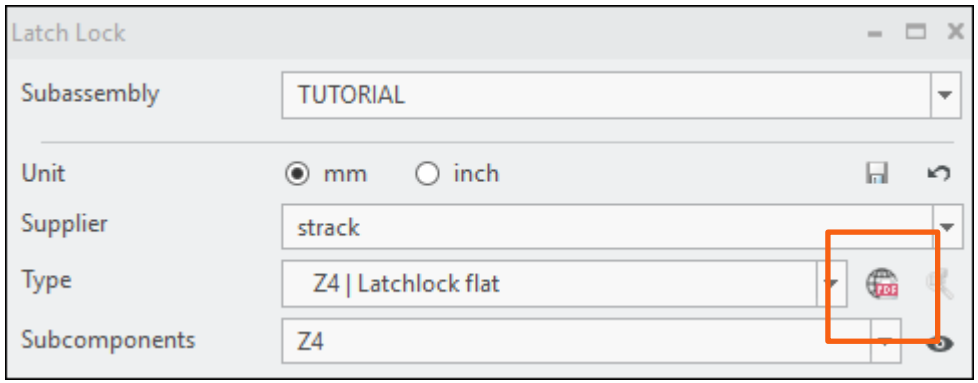
Enhancements

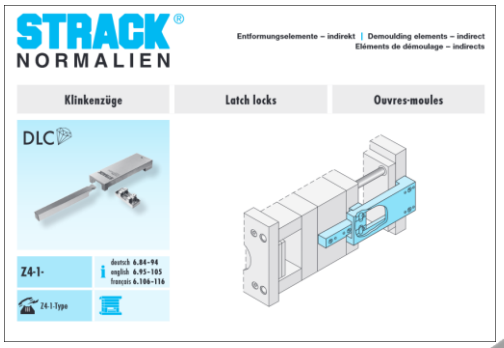
New weblink button in Component Dialog:

- Access data sheets on supplier website with one click!









Plates

HASCO plates updated:

- All plates and instance updated to latest revision

New KNARR plates added:

- KNARR – F (Meusburger compatible) and K (Hasco compatible) plates are now available

Components

New KNARR guide components:

- 551000, 551000DLC, 551010, 551010DLC and 551100

New KNARR ejector pins:

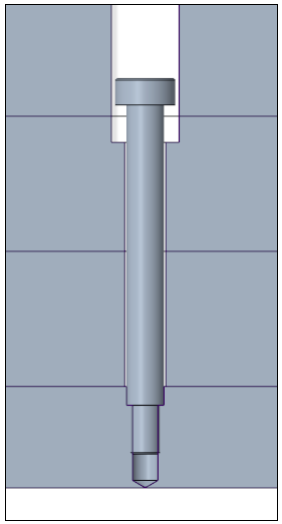
- 539111, 39111DLC and 39414

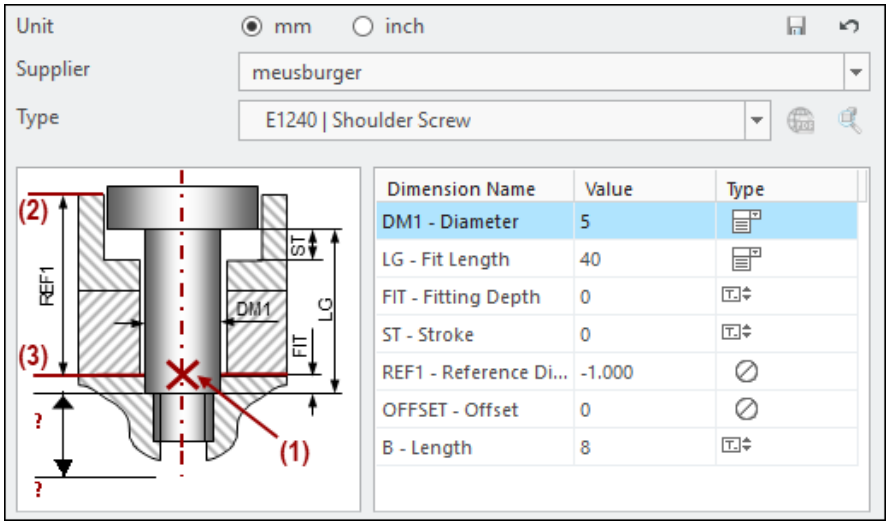
New KNARR insulation plates:

- 77335 and 77336

Improved shoulder screw functionality:

- Meusburger E1240, Hasco Z38, Knarr 40038, DME WZ412 and DIN 7379

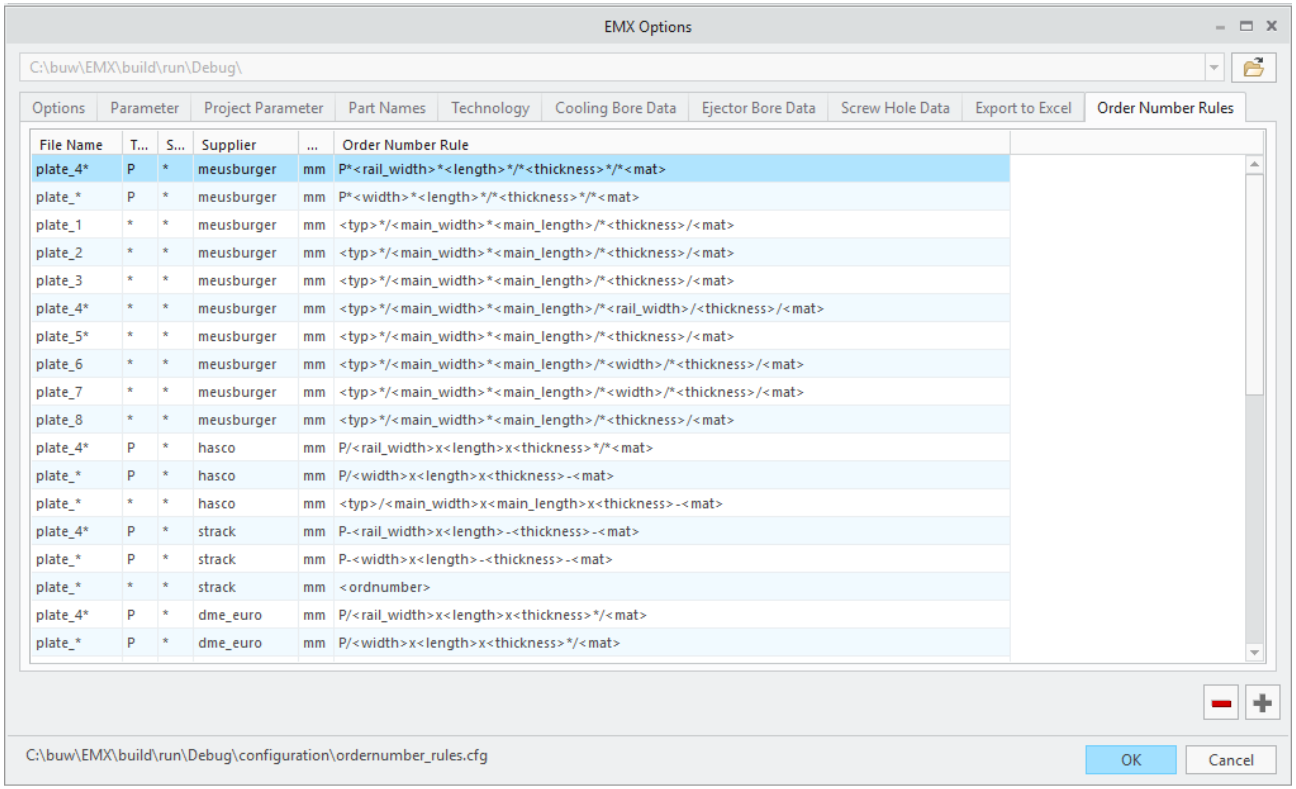




Enhancements

New configuration section: Define custom order number rules

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

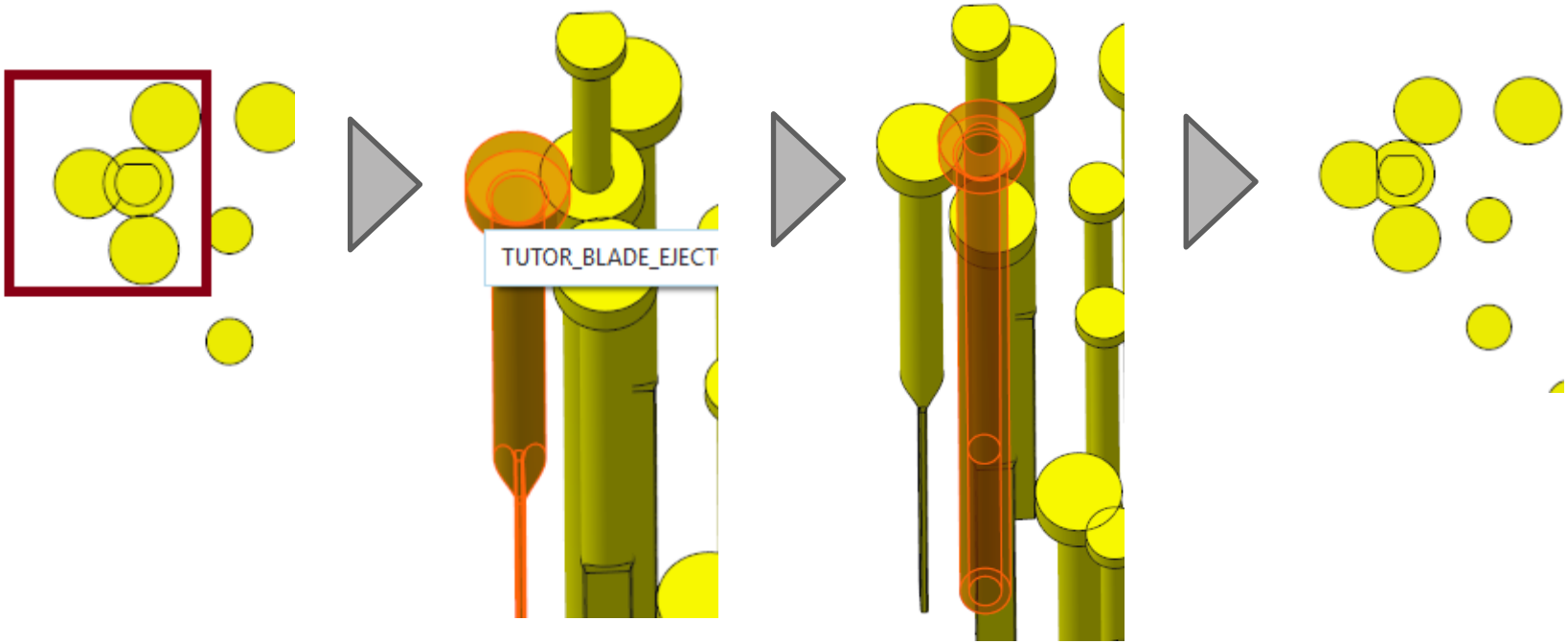


File Name	T...	S...	Supplier	...	Order Number Rule
plate_4*	P	*	meusburger	mm	P*<rail_width>*<length>*/*<thickness>*/*<mat>
plate_*	P	*	meusburger	mm	P*<width>*<length>*/*<thickness>*/*<mat>
plate_1	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<thickness>/<mat>
plate_2	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<thickness>/<mat>
plate_3	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<thickness>/<mat>
plate_4*	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<rail_width>/<thickness>/<mat>
plate_5*	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<thickness>/<mat>
plate_6	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<width>/*<thickness>/<mat>
plate_7	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<width>/*<thickness>/<mat>
plate_8	*	*	meusburger	mm	<typ>*/<main_width>*<main_length>/*<thickness>/<mat>
plate_4*	P	*	hasco	mm	P/<rail_width>x<length>x<thickness>*/*<mat>
plate_*	P	*	hasco	mm	P/<width>x<length>x<thickness>-<mat>
plate_*	*	*	hasco	mm	<typ>/<main_width>x<main_length>x<thickness>-<mat>
plate_4*	P	*	strack	mm	P-<rail_width>x<length>-<thickness>-<mat>
plate_*	P	*	strack	mm	P-<width>x<length>-<thickness>-<mat>
plate_*	*	*	strack	mm	<ordnumber>
plate_4*	P	*	dme_euro	mm	P/<rail_width>x<length>x<thickness>*/<mat>
plate_*	P	*	dme_euro	mm	P/<width>x<length>x<thickness>*/<mat>

Enhancements

New Feature: Trim Ejector Pin heads against each other

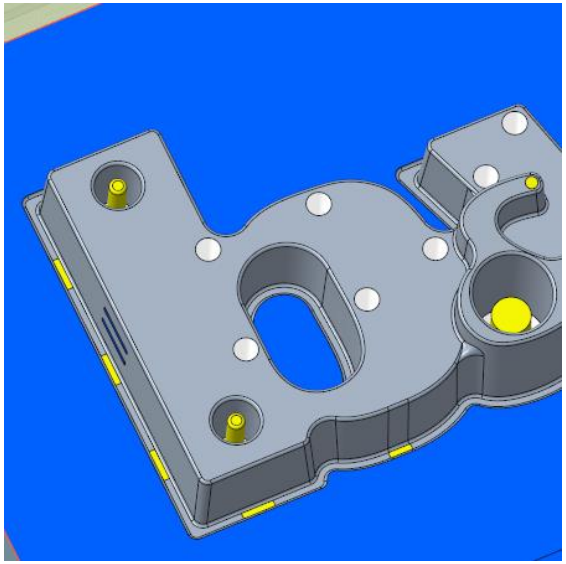
- Interfering ejector pin heads can be trimmed by selecting to different ejector pins

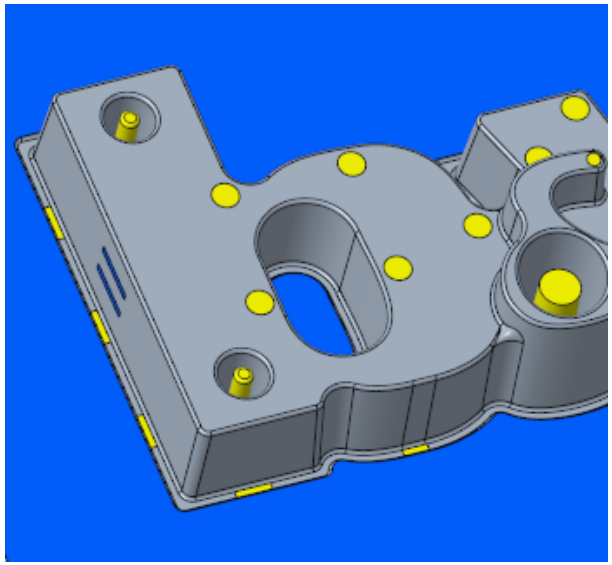


Enhancements

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.

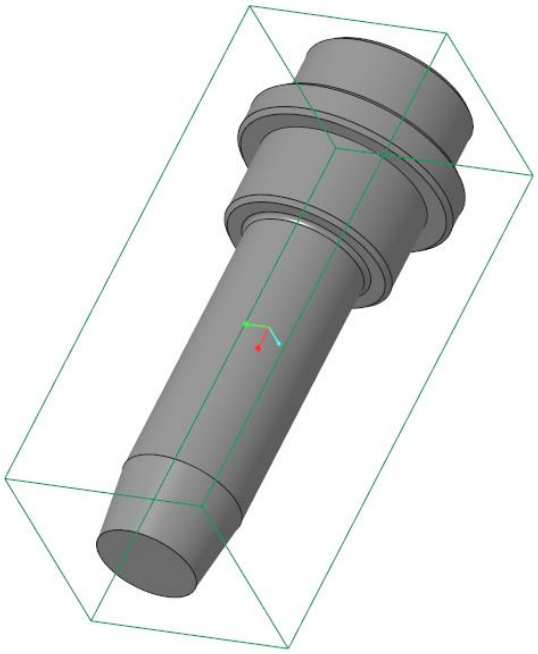


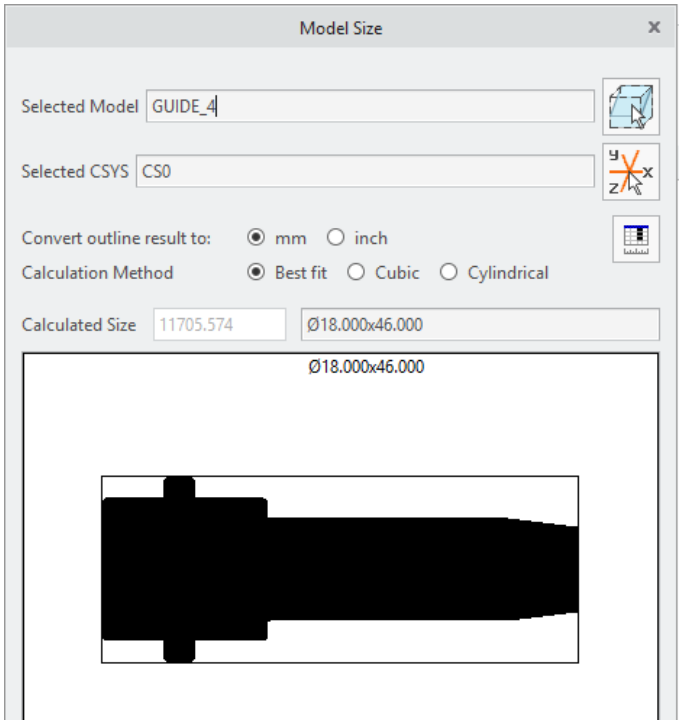


Enhancements

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



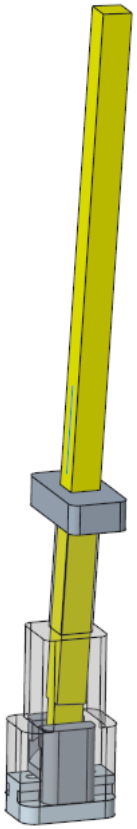


Enhancements

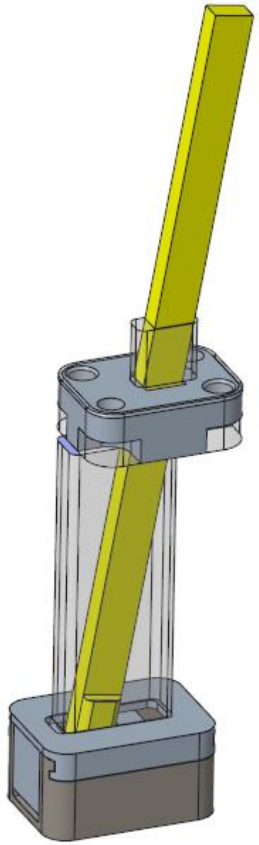
New MEUSBURGER Lifter assemblies added

- Additional improvement: Trimmed body can be displayed in Preview

- E3244 + E3240



- E3246 + E3240

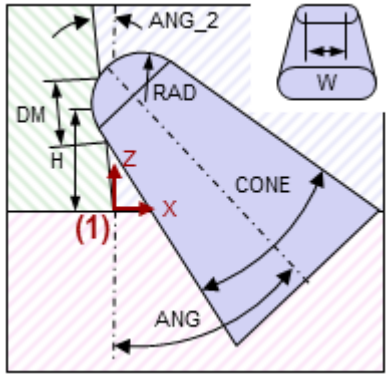


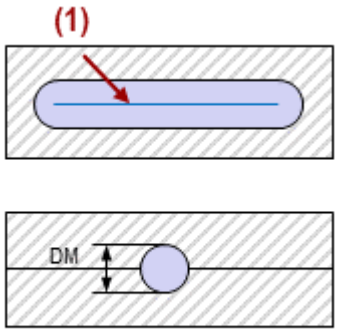
- E32481 + E3248 + E3249

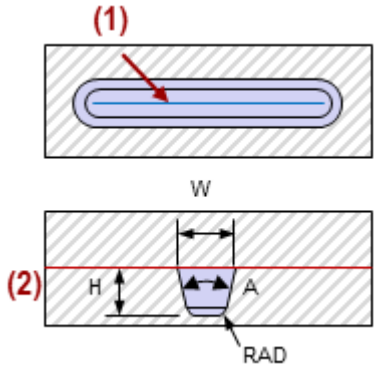
Enhancements

New Runner Library Components

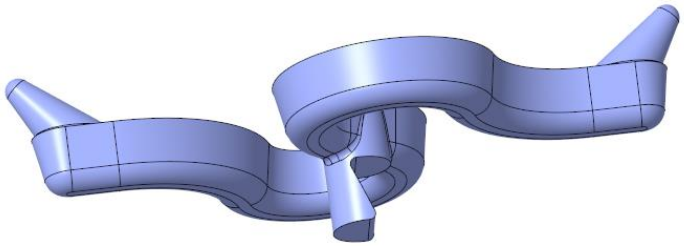
- With the new library components and UDFs runners can be designed easily.







- 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

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

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