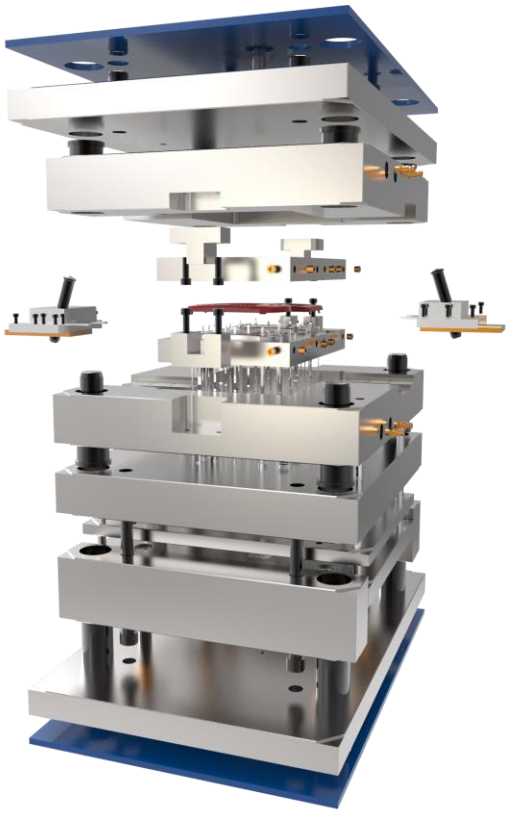
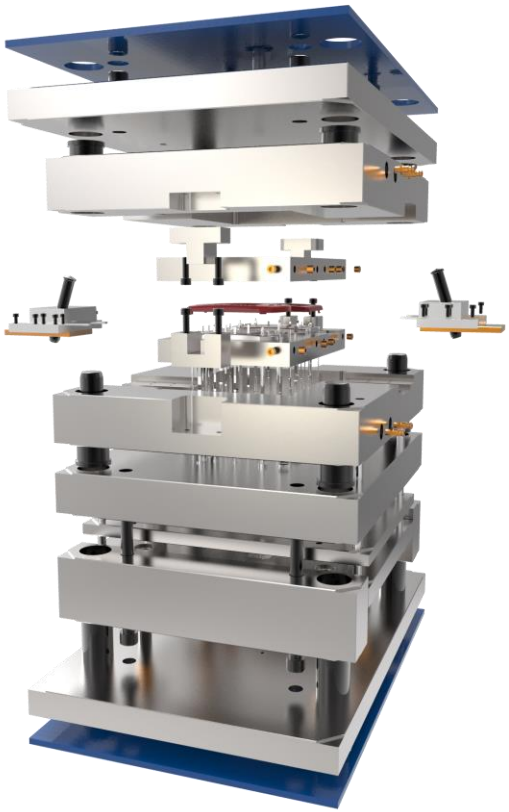


EMX 10 M010

1. English
   - New Features
   - Components
2. Deutsch
   - Neue Funktionalität
   - Komponenten



EMX 10 M010

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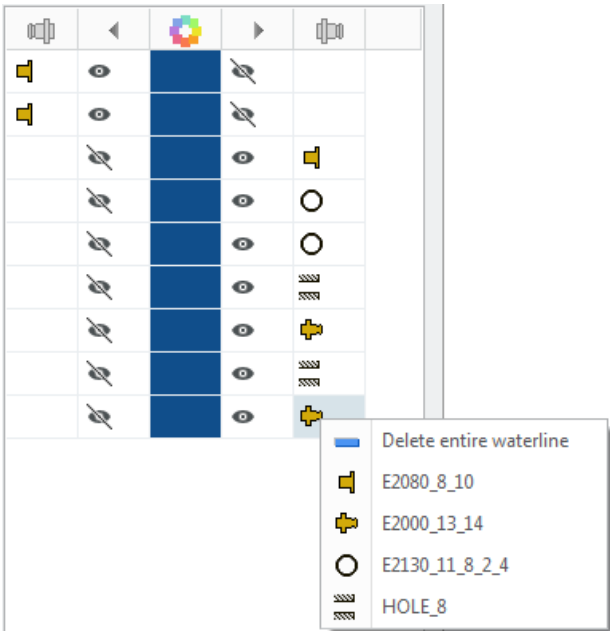
1. Enhanced Waterline Designer

Quick Selection of Components from Waterline List

- Predefine up to 4 default components in EMX Option

WATERLINE_DESIGNER_DEFAULT_COMPONENT	mm|meusburger|E2080_8_10&&mm|meusburger|E2000_13_14&&mm|meusburger|E2130_11_8_2_4&&mm|meusburger|HOLE_8

- Use Right Mouse Button in table and assign quickly



→ Design a complete cooling cooling circuit without opening the Component Dialog once!

1. Enhanced Waterline Designer

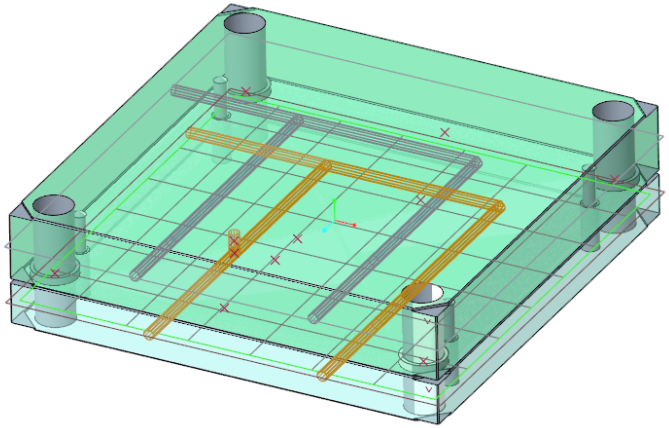
Define Waterlines on Existing Curves

(Only with B&W Direct License)

- Use existing curves in sketches as waterline reference
- New button → Select curves in current working model

- Vertical waterlines will be attached to the existing curves and updated parametrically when sketch is modified

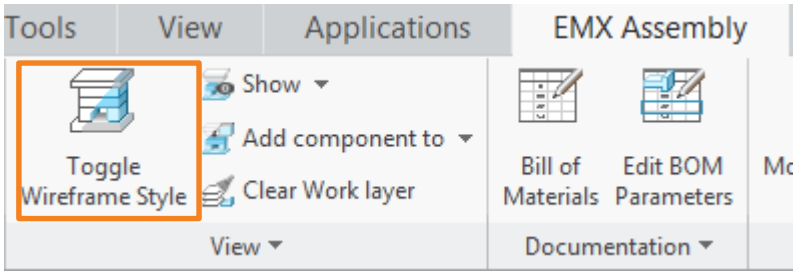
→ Benefit from parametric sketches and easy definition of cooling circuits



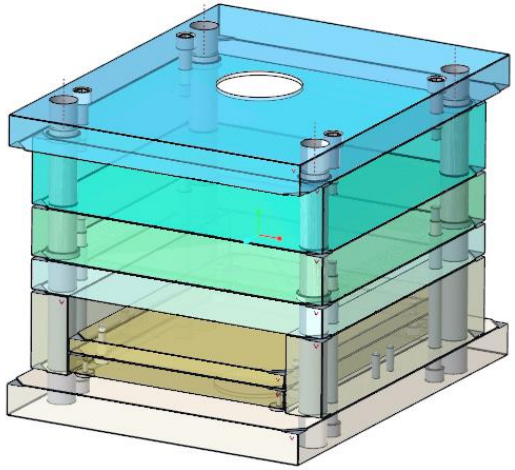
2. Toggle Wireframe Style

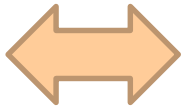
Fast Toggle of Wireframe Style from the Ribbon

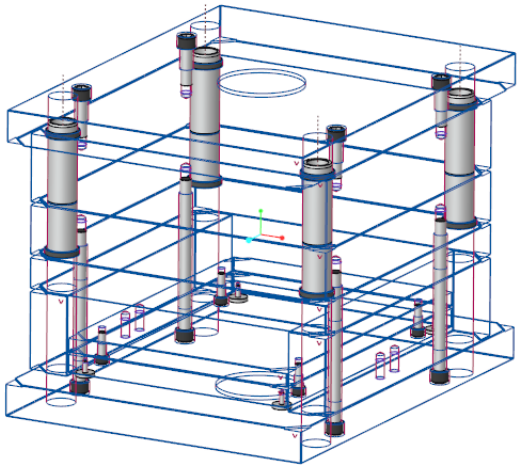
(Only with B&W Direct License)



No need to open the View Manager anymore







3. New Rule-Based Layer Concept

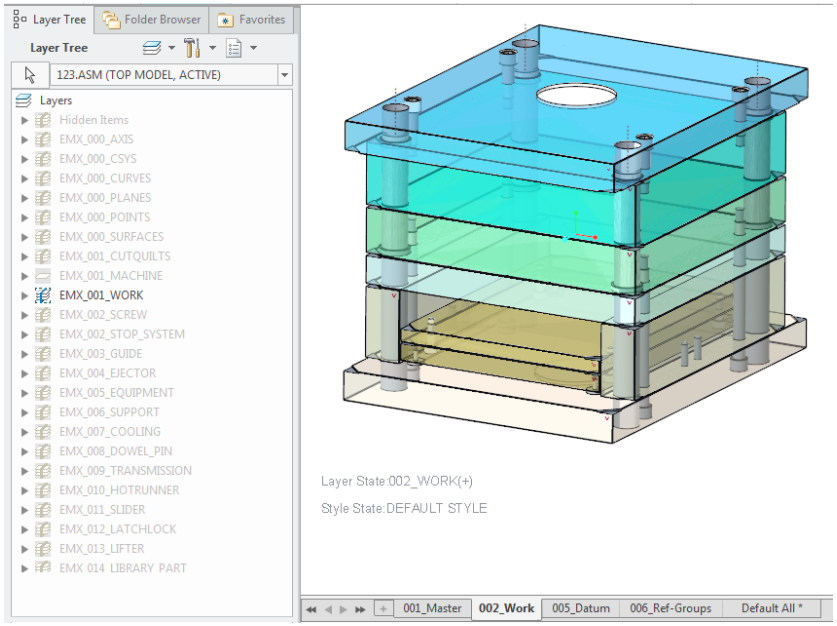
New Option USE_RULEBASED_LAYER_CONCEPT

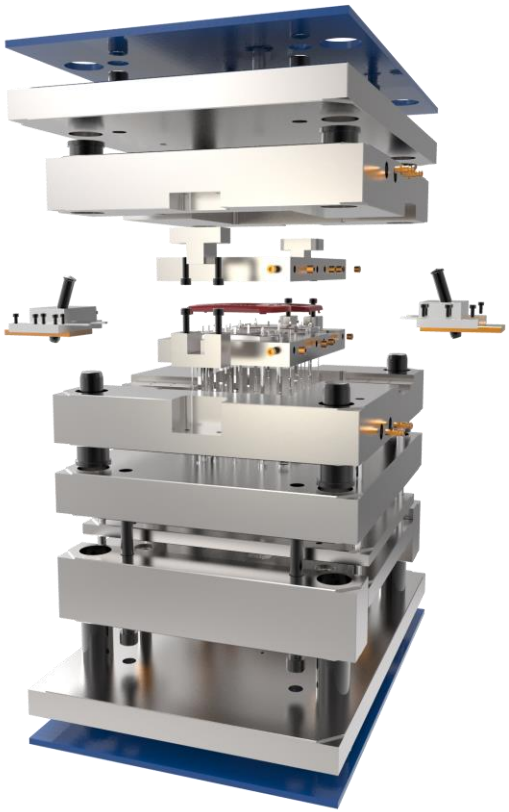
- Layers are copied from template files in folder

“configuration\templates\rules_layers.prt/asm”

- Layer concept is completely customizable
- Layers are not created by the software anymore
- No more hardcoded layer names
- Combined states and simplified representation are used to visualize datums and solids
- WORK layer only shows recently created datums

→ Avoids confusion with tons of datums in large assemblies





EMX 10 M010

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Components

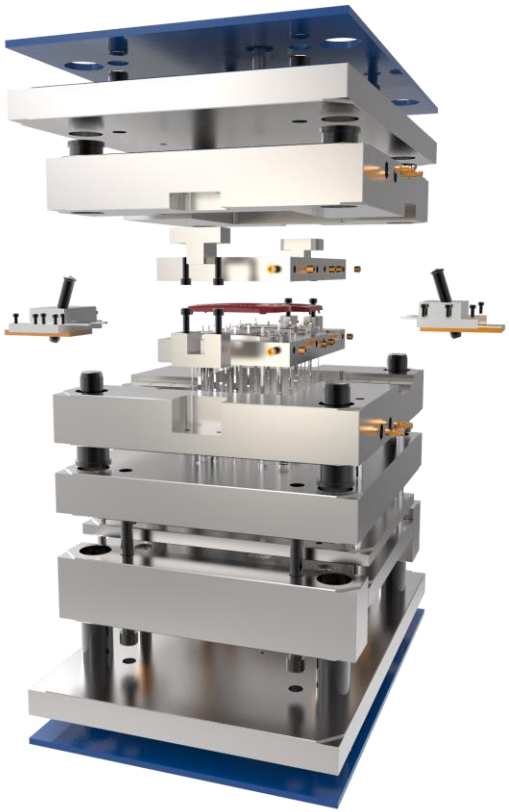
New Components

- Hasco – Z14W: Guide bush
- Hasco – Z09: Side interlock
- Rabourdin – 1071, 1005, 1061, 651, 671 and 601: Guide Components
- Knarr – 37711, 33111: Ejector Pins
- Knarr – 38488, 38781, 38881: Ejector Sleeves
- Progressive – SLX: X-Style Side Interlock
- Meusburger – E2800: Stäubli cooling components
- Strack – Z4290 Typ1: Compact Slider

Components

Improved Components

- Meusburger – 3011, 3012, 3130: Slider Assembly
- Hasco – single_locking: Slider Assembly
  - Input value is now REACH → Necessary pin length is suggested
  - EMX Assembly can contain subassemblies now
- Hasco – Z170, Z173, Z174 Latchlocks
- Strack – Z3, Z4, Z5 Latchlocks
- Meusburger – E1820, E1840 Latchlocks



EMX 10 M010

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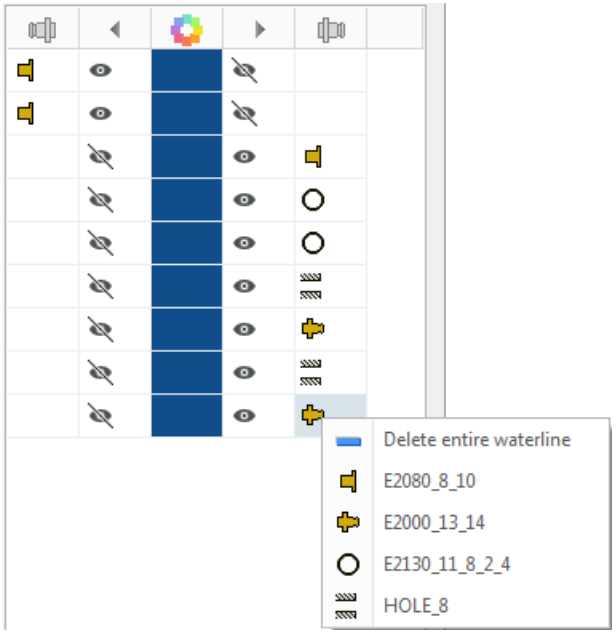
1. Verbesserter Kühlkanal Designer

Schnelle Zuweisen von Komponenten aus der Liste

- Bis zu 4 Standardkomponenten in den Optionen vordefinieren

WATERLINE_DESIGNER_DEFAULT_COMPONENT	mm|meusburger|E2080_8_10&&mm|meusburger|E2000_13_14&&mm|meusburger|E2130_11_8_2_4&&mm|meusburger|HOLE_8

- Auswahl und Zuweisen in Tabelle über rechte Maustaste



→ Ein kompletter Kreislauf kann ohne das Öffnen des Komponentendialogs konstruiert werden.

1. Verbesserter Kühlkanal Designer

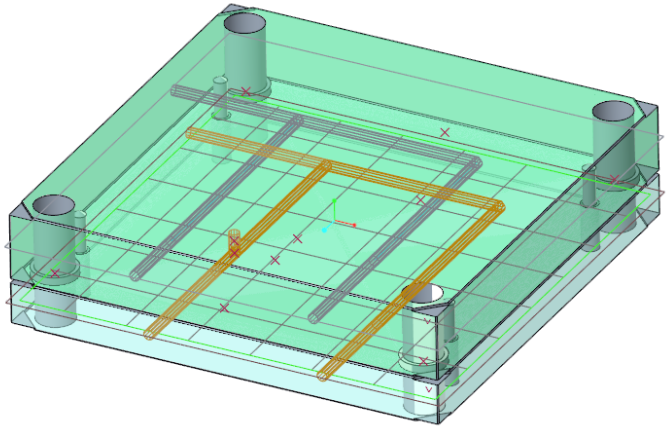
Kühlkanäle auf bestehenden Kurven definieren

(Nur mit direkter B&W Lizenz verfügbar)

- Kurven aus Skizzen können als Reference selektierbar
- Neuer Knopf → Kurve aus aktuellem Model selektieren

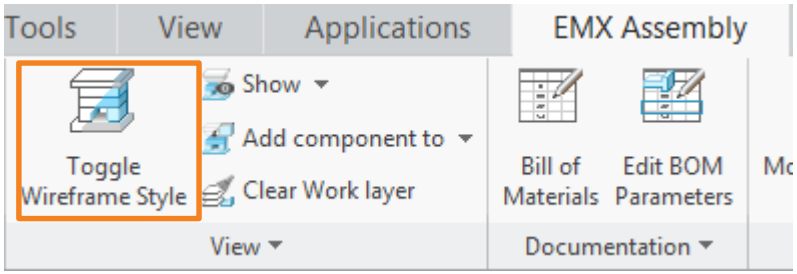
- Vertikale Steiger werden auf Basis bestehender Kurven erzeugt und werden bei Änderungen der Skizze parametrisch regeneriert.

→ Verbesserte Kombination aus bestehenden parametrischen Skizzen und Kühlkanaldesigner

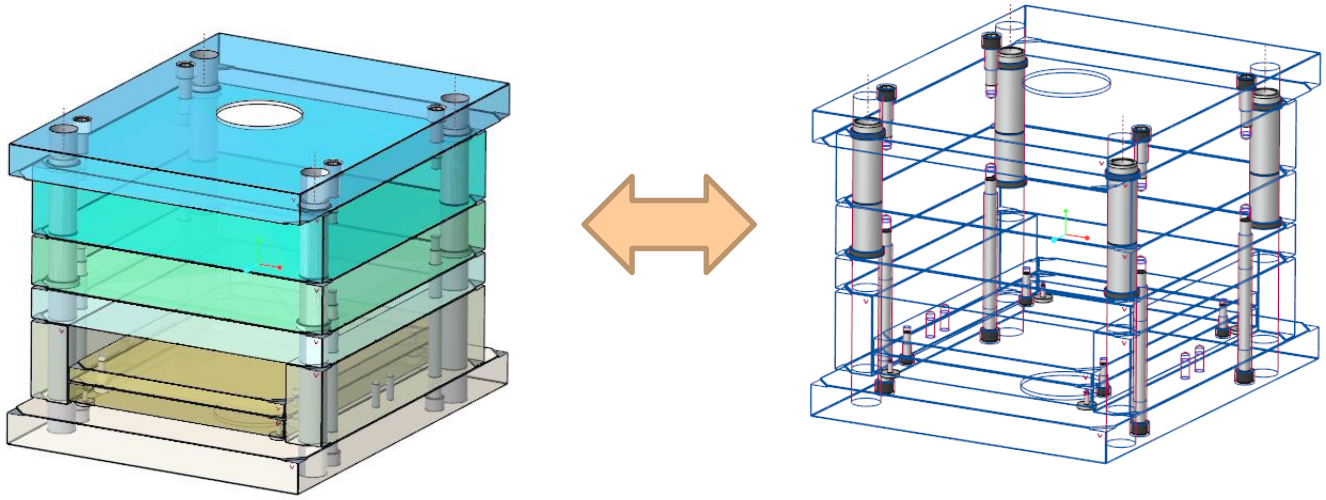


2. Drahtgitterdarstellung

Schneller Wechsel zur Drahtgitterdarstellung über Ribbon
(Nur mit direkter B&W Lizenz verfügbar)



Keine Notwendigkeit mehr über den Ansichtsmanager zu gehen



3. Neues Regelbasiertes Folienkonzept

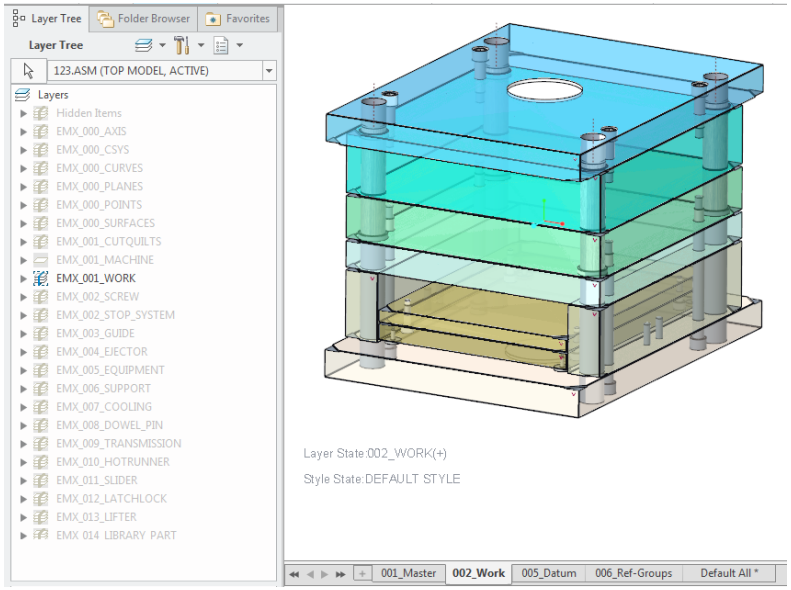
Neue Option USE_RULEBASED_LAYER_CONCEPT

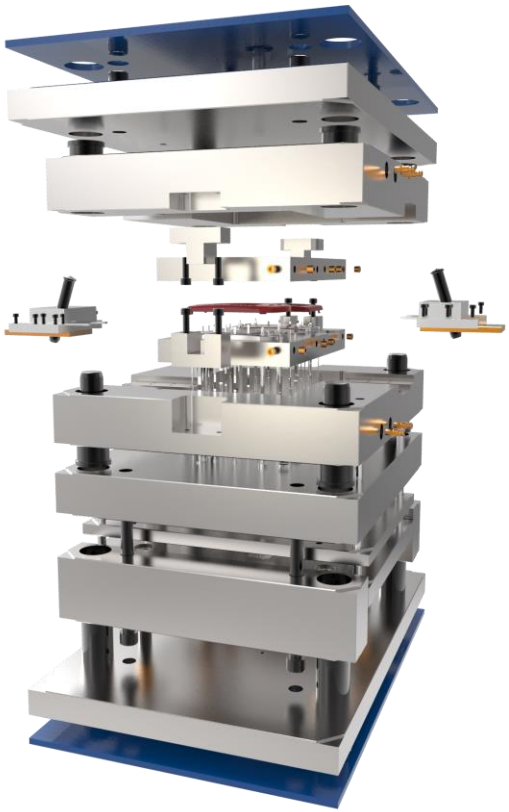
- Folien werden aus Vorlagen kopiert:

“configuration\templates\rules_layers.prt/asm”

- Folienkonzept ist komplett anpassbar
- Folien werden nicht mehr von der Software erzeugt
- Keine hart-kodierten Foliennamen
- Vereinfachte Darstellungen und Kombinierte Zustände
- WORK Folie zeigt nur die kürzlich erzeugten Bezüge

→ Konfusion durch eine Vielzahl an Bezügen wird so vermieden





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Komponenten

Neue Komponenten

- Hasco – Z14W: Führung
- Hasco – Z09: Seitliche Plattenführung
- Rabourdin – 1071, 1005, 1061, 651, 671 and 601: Führungen
- Knarr – 37711, 33111: Auswerfer
- Knarr – 38488, 38781, 38881: Auswerferhülsen
- Progressive – SLX: Führung X-Förmig
- Meusburger – E2800: Stäubli Kühlungskomponente
- Strack – Z4290 Typ1: Kompaktschieber

Komponenten

Verbesserten Komponenten

- Meusburger – 3011, 3012, 3130: Schieberbaugruppe
- Hasco – single_locking: Slider Assembly
  - Hub als Eingabewerte → Minimal Stiftlänge wird vorgeschlagen
  - EMX Baugruppen können auch Unterbaugruppen enthalten
- Hasco – Z170, Z173, Z174 Klinkenzüge
- Strack – Z3, Z4, Z5 Klinkenzüge
- Meusburger – E1820, E1840 Klinkenzüge