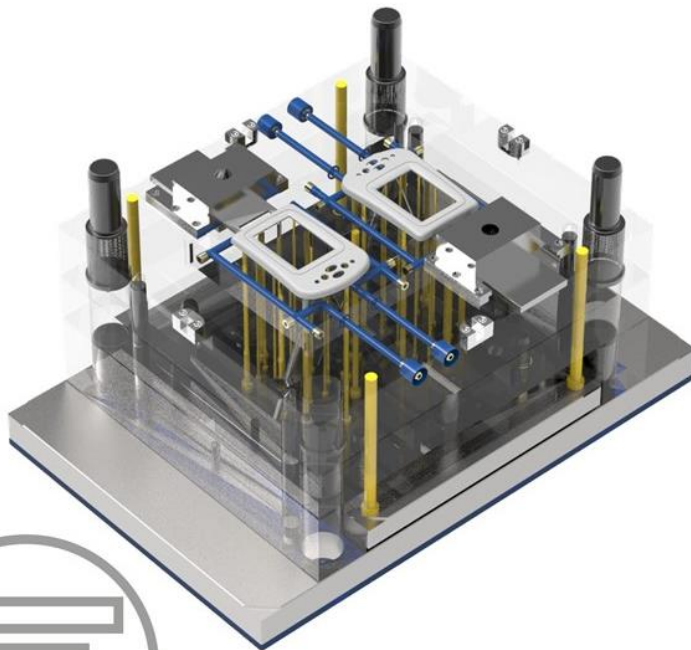


EMX 10 F000



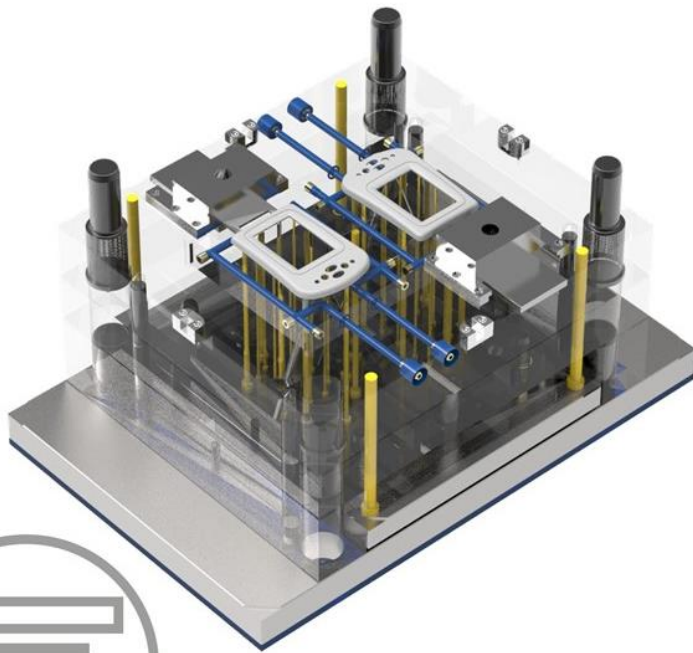
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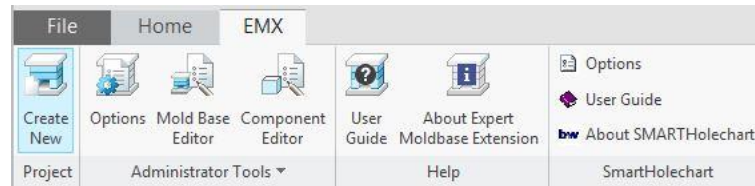
?

EMX 10 F000

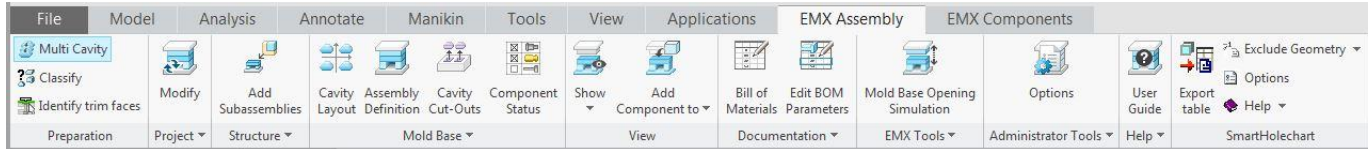


• Á Á ?
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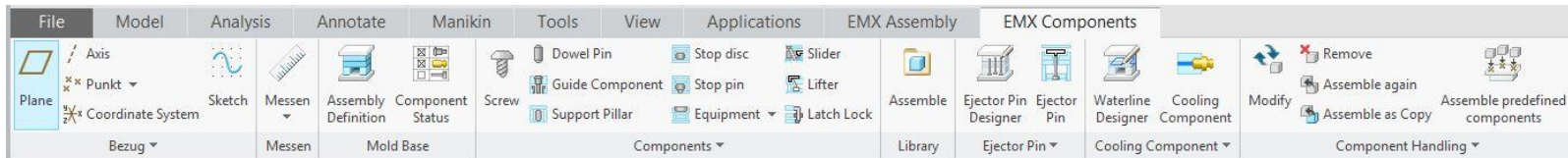
1. Улучшенное меню EMX



EMX



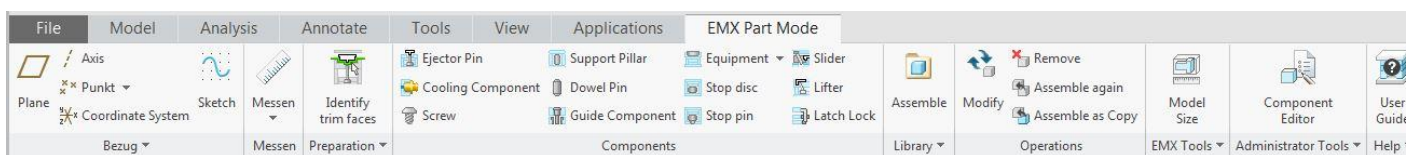
EMX



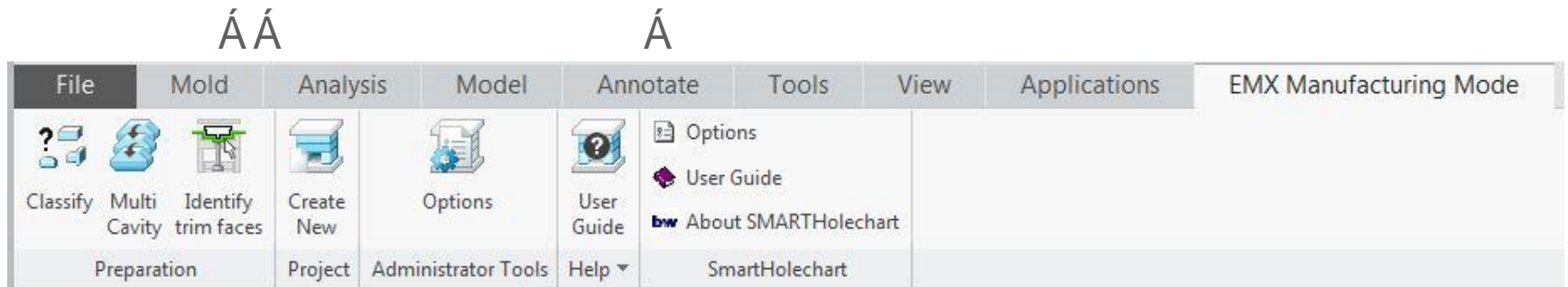
EMX



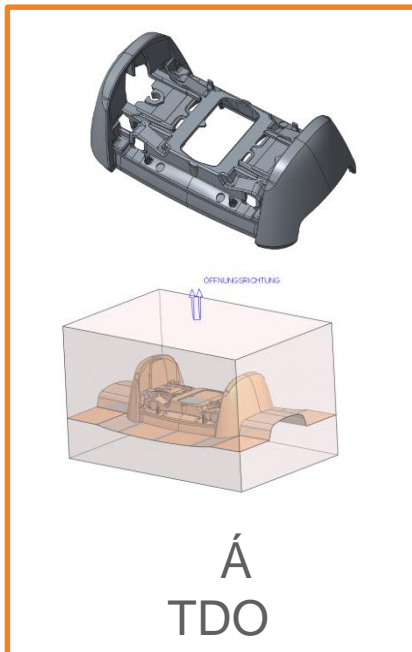
EMX



1. Улучшенный процесс



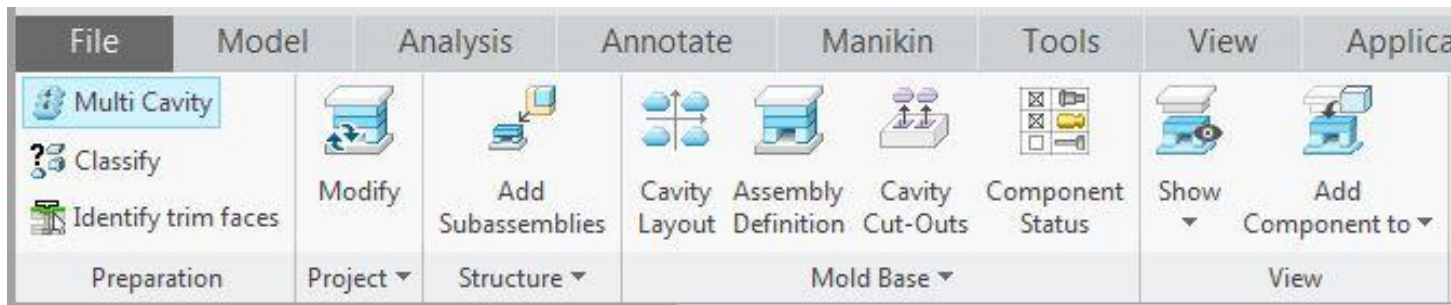
- 1.
- 2.
- 3.
- 4.



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2. Á
3. Á Á
4. Á (Á) Á

1. Улучшенный процесс

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1.Á Á

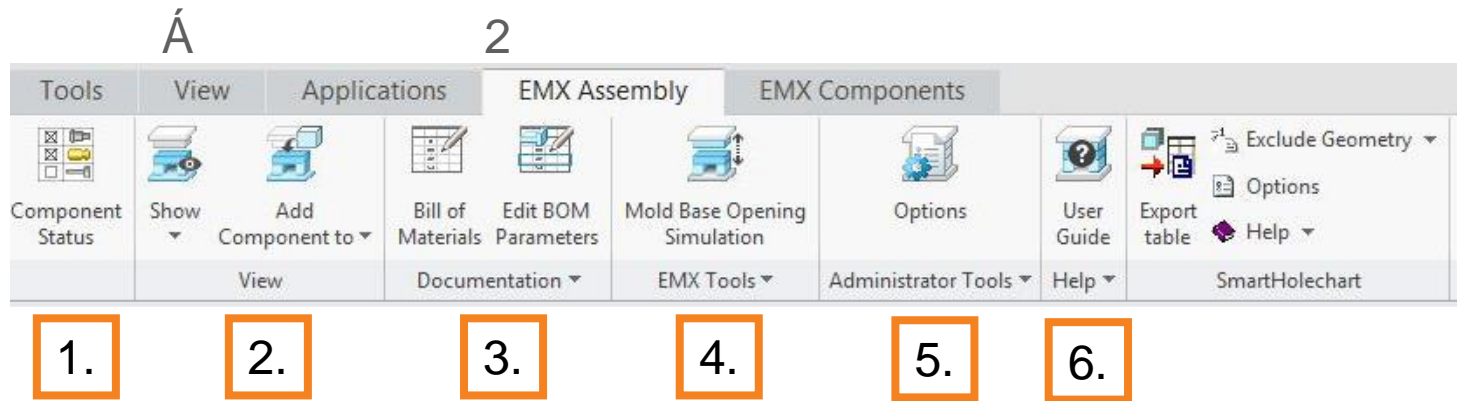
2. Á Á ()

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5. Cavity Cuts ()

1. Улучшенный процесс



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3. \hat{A}

4. \hat{A} EMX Tools

5. \hat{A} :

~~EMX~~ \hat{A} () ,

~~EMX~~ \hat{A} \hat{A}

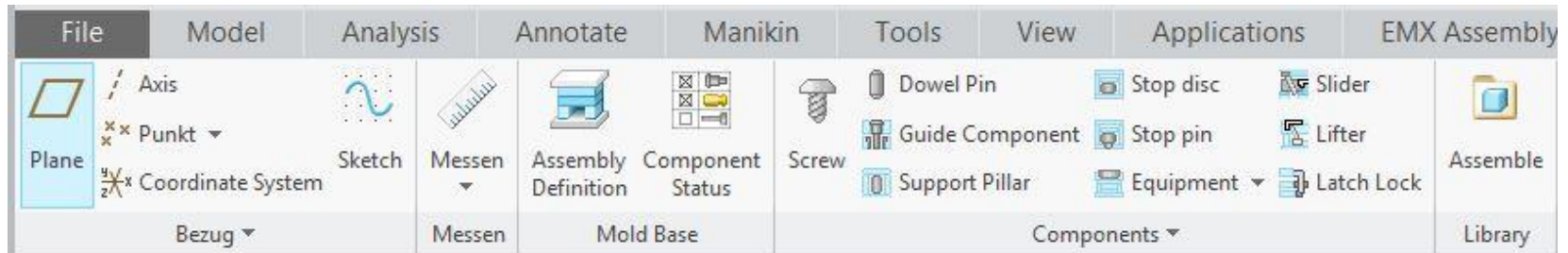
6. \hat{A} \hat{A}

7. \hat{A} \hat{A} (\hat{A} 10.0)

1. Улучшенный процесс

EMX

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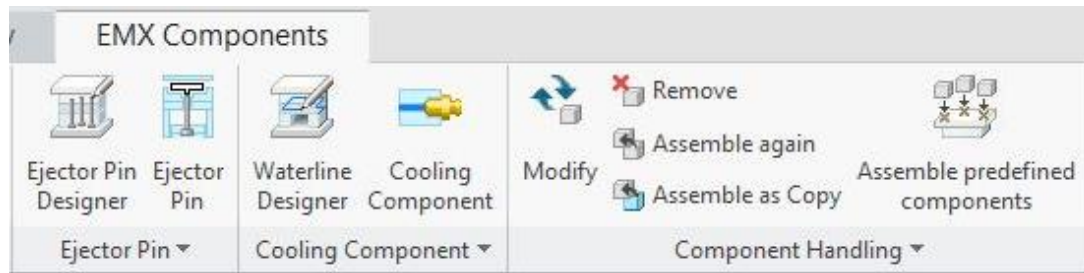
4.

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1. Улучшенный процесс

EMX

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3. Улучшения в подборках

АЭМХ 10:

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Parameter Name	Value	Default Value
POS	?	?
QTY	1	1
PARTNAME	1232343_SUB_01	1232343_SUB_01
PARTID	1	1
BOM_NAME	Subassembly	Subassembly
SUPPLIER	-	-

1.А

А

2.

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3.А



3. Улучшения в подборках

Á Á

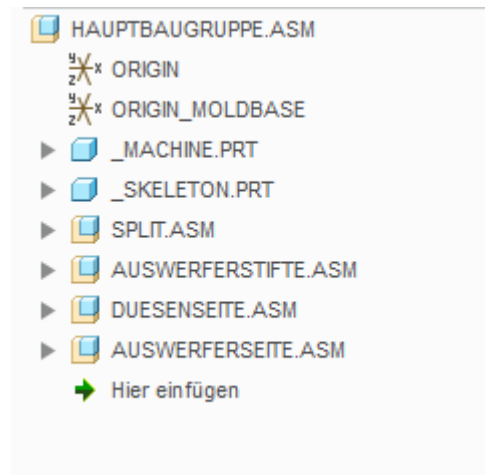
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4. Диалог схемы полостей

of Insert Assemblies

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Cavity

Insert Assemblies 123234324

Name	CSYS
JS748100_MOLD	FORM_KOS

Load Insert Assemblies Pattern first Insert Assembly

Cavity Pattern

Quantity X 2 Y 2

Pattern Size X 90.00 Y 80.00

Use Z angle 0.00 °

Pattern Offset X 0.00 Y 0.00

Automatically Recalculate

ID	X	Y	Z	A-Z	A-X	Assembly
1	-45.000	-40.000	0.000	0.000	0.000	JS748100_MOLD
2	-45.000	40.000	0.000	0.000	0.000	JS748100_MOLD
3	45.000	-40.000	0.000	0.000	0.000	-
4	45.000	40.000	0.000	0.000	0.000	-

OK Cancel

5. Диалог выреза полости

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: 3D



Cavity x

Cavity Size

+X	45.000	▲▼
-X	45.000	▲▼
+Y	30.000	▲▼
-Y	30.000	▲▼
+Z	20.000	▲▼
-Z	35.000	▲▼

Cavity Cutout


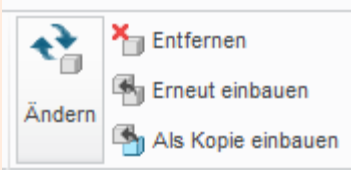

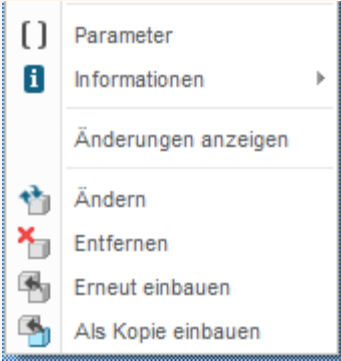
<input type="radio"/>		Cut Depth MH	35.000	▲▼
		Cut Length MH	90.000	▲▼
<input checked="" type="radio"/>		Cut Width MH	60.000	▲▼
<input type="radio"/>		Cut Depth FH	20.000	▲▼
<input type="radio"/>		Cut Length FH	90.000	▲▼
<input type="radio"/>		Cut Width FH	60.000	▲▼
<input type="radio"/>		With Mouse Ear	<input type="checkbox"/>	
		Cut Radius	0.000	▲▼

☞
OK
Cancel

6. Новое управление компонентом

	EMX 9	EMX 10
Ribbon	<p>→ Á Á</p>	<p>1x Á Á Á Á</p> <p>→ Á Á</p>
RMB		Á

6. Новое управление компонентом

	EMX 9	EMX 10
<p>Ribbon</p>	 <p>The EMX 9 ribbon interface features a grid of buttons for defining components. Each button is labeled 'Definieren' and includes a small icon of the component being defined. The components shown include various types of pipes, valves, and a 'Kühlkanal-Designer' (cooling channel designer).</p>	 <p>The EMX 10 ribbon interface shows a context menu for a component. The menu options are: 'Ändern' (Change), 'Entfernen' (Remove), 'Erneut einbauen' (Reinstall), and 'Als Kopie einbauen' (Install as copy). The 'Entfernen' option is highlighted with a red 'X' icon.</p>
<p>Rechte Maus</p>	 <p>The EMX 9 right-click context menu includes the following options: 'Parameter' (Parameter), 'Informationen' (Information) with a right-pointing arrow, 'Änderungen anzeigen' (Show changes), 'Komponente ändern' (Change component), and 'Komponente entfernen' (Remove component).</p>	 <p>The EMX 10 right-click context menu includes the following options: 'Parameter' (Parameter), 'Informationen' (Information) with a right-pointing arrow, 'Änderungen anzeigen' (Show changes), 'Ändern' (Change), 'Entfernen' (Remove) with a red 'X' icon, 'Erneut einbauen' (Reinstall), and 'Als Kopie einbauen' (Install as copy).</p>

7. Конструктор выталкивателей



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Á ÁEMX 10

1.Á

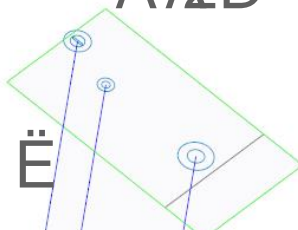
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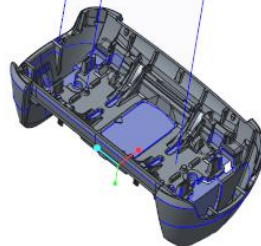
Á ejector

package

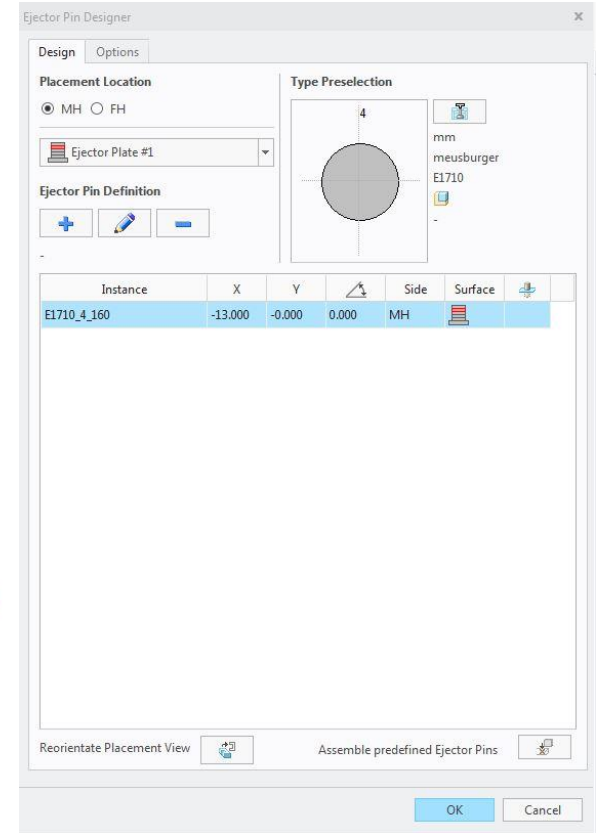
2.

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9. Преобразование данных

→ comp_data.txt

- EMX → Administrator Tools
→ Component Editor

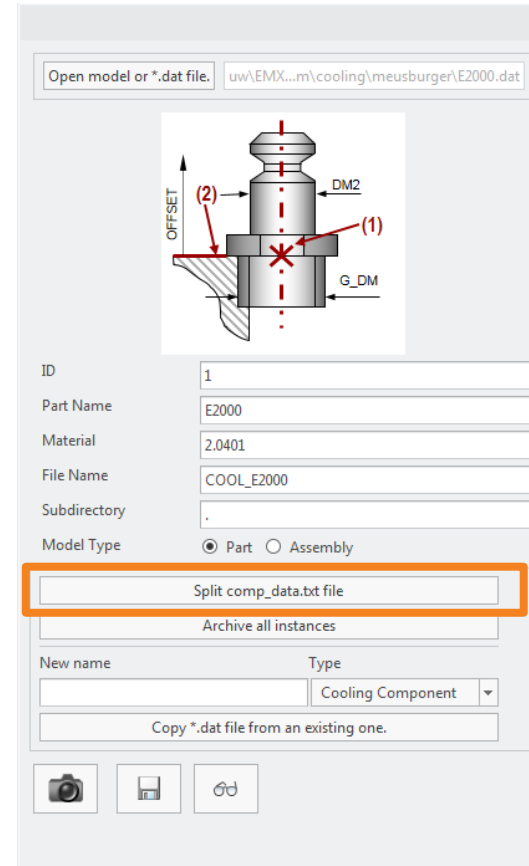


- Split comp_data.txt
file

- EMX 9
comp_data.txt



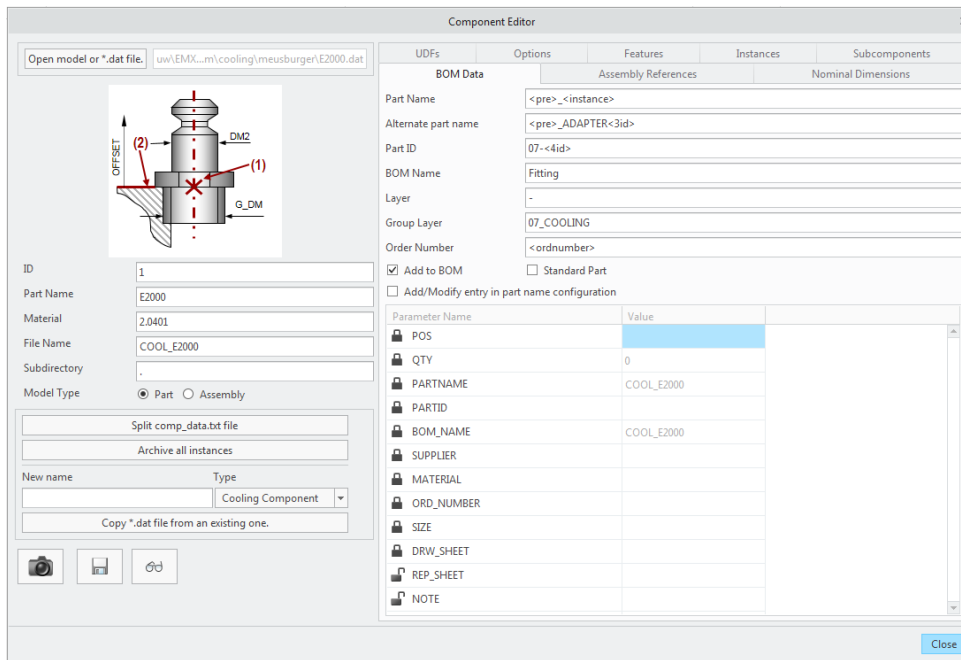
→



10. Новый редактор компонентов

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10. Новый EMX Центр Помощи

EMX 10

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EMX

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Creo Expert Moldbase Extension > What's New in Creo Expert Moldbase Extension (EMX) > Workflow Is Easier

Workflow Is Easier

An updated EMX Ribbon with new layout and icons improves the ease of interaction.

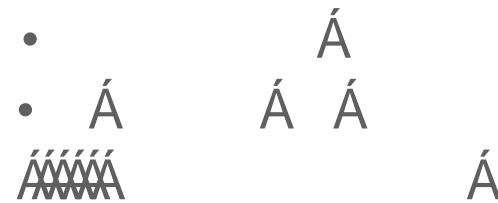
Release: Creo Expert Moldbase Extension 10.0

Benefits and Description

You can watch a video that demonstrates this capability.

Improved EMX Workflow

The new ribbon layout and the new icon design improves the user experience and clarifies the mold base design process. The EMX commands are positioned in a way that designing the mold base can be done step by step beginning with the cavity assembly up to a finished project. Preparation of the cavity assembly is available in Creo Parametric manufacturing mode and Creo Parametric assembly mode.



Back to top

11. Умные таблицы отверстий 10.0

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EMX Á
- Á Á ÒT ÝÁUDFÁ Á
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12. Размещение номеров позиций



Stückliste					
E...	V...	MODELL	POS	QTY	(V) PARTNAME
☉	☒	BALL_CAV_PLATE_FH001	1	1	BALL_CAV_PLATE_FH001
☉	☒	B...	2	1	BALL_CAV_PLATE_MH001
☉	☒	B...	3	1	BALL_RISERS_R_MH001
☉	☒	B...	4	1	BALL_RISERS_L_MH001
☉	☒	B...	5	1	BALL_CLP_PLATE_MH001
☉	☒	B...	6	1	BALL_CLP_PLATE_FH001
☉	☒	B...	7	1	BALL_EJRET_PLATE_MH001
☉	☒	BALL_EJBASE_PLATE_MH001	8	1	BALL_EJBASE_PLATE_MH001
☉	☒	BALL_E1000_22_56_35	9	4	BALL_E1000_22_56_35
☉	☒	BALL_E1160_30_80	10	4	BALL_E1160_30_80
☉	☒	BALL_E1100_22_56	11	4	BALL_E1100_22_56
☉	☒	BALLON_PLACEMENT	12	1	BALLON_PLACEMENT
☉	☒	BALL_MACHINE	13	1	BALL_MACHINE
☉	☒	BALL_SKELETON	14	1	BALL_SKELETON

- ☒ Stücklistennummer hinzufügen
- ☒ Stücklistennummer entfernen
- ☒ Stücklistenparameter editieren
- ☒ Ausschneiden
- ☒ Einfügen
- ☒ Elemente anzeigen/ausblenden

12. Размещение номеров позиций

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|---|---|---|
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| Á | Á | Á |

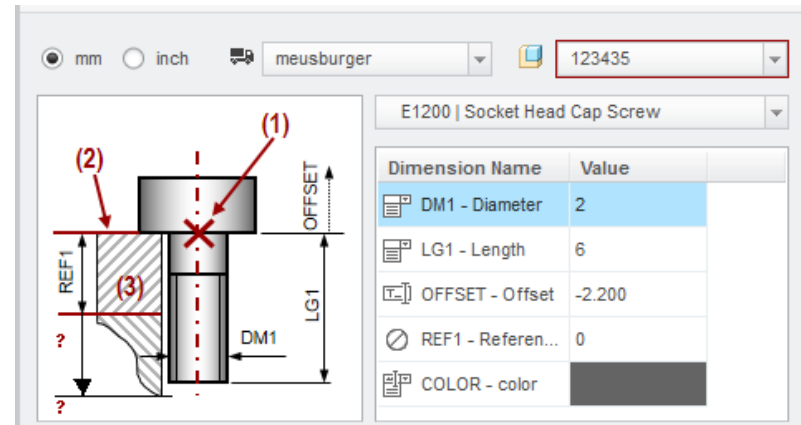
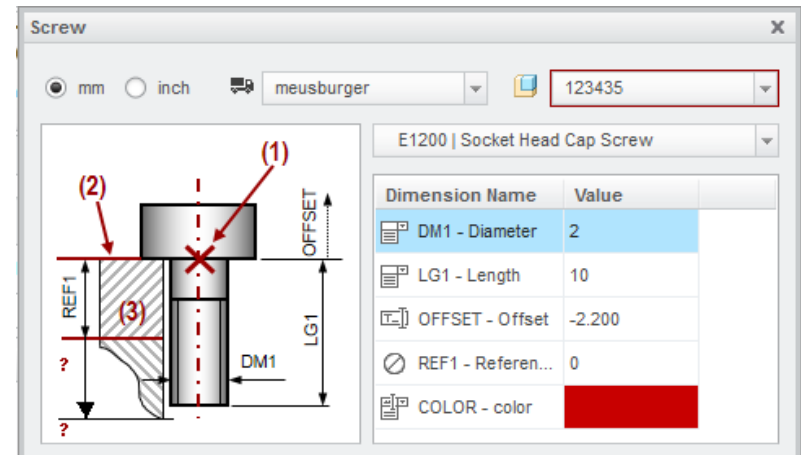
The image shows three technical drawings of a machine component. Each drawing has a callout '1' pointing to a specific part. To the right is a 'Bill of Materials' window with the following table:

E...	V...	MODELL	POS	SIZE
▶	Ⓢ	BALLON_CLP_PLATE_MH001	1	156.000x156.000x27.000
▶	Ⓢ	BALLON_ESBASE_PLATE_MH001	2	156.000x92.000x13.000
▶	Ⓢ	BALLON_EJRET_PLATE_MH001	3	156.000x92.000x9.000
▶	Ⓢ	BALLON_RISERS_R_MH001	4	156.000x40.000x34.866
▶	Ⓢ	BALLON_RISERS_L_MH001	5	156.000x40.000x33.509
▶	Ⓢ	BALLON_INT_PLATE_MH001	6	156.000x156.000x27.000
▶	Ⓢ	BALLON_CAV_PLATE_MH001	7	156.000x156.000x46.000
▶	Ⓢ	BALLON_CAV_PLATE_FH001	8	156.000x156.000x40.000
▶	Ⓢ	BALLON_CLP_PLATE_FH001	9	156.000x156.000x34.925
Hidden Parts List				
▶	Ⓢ	BALLON	10	*
▶	Ⓢ	BALLON_MACHINE	11	*
▶	Ⓢ	BALLON_SKELETON	12	*

13. Цвет компонента в диалоге

```
!listing of nominal dimensions
!NAME      DISPLAY_NAME  DIM_NAME  TYPE
EMX NOM_VALUES
E1200      diameter      DM1       PULLDOWN
E1200      length          LG1       PULLDOWN    >REF1
E1200      offset          OFFSET    EDIT
E1200      distance        REF1      DISABLED
E1200      color           COLOR     COLOR
EMX NOM_VALUES END
```

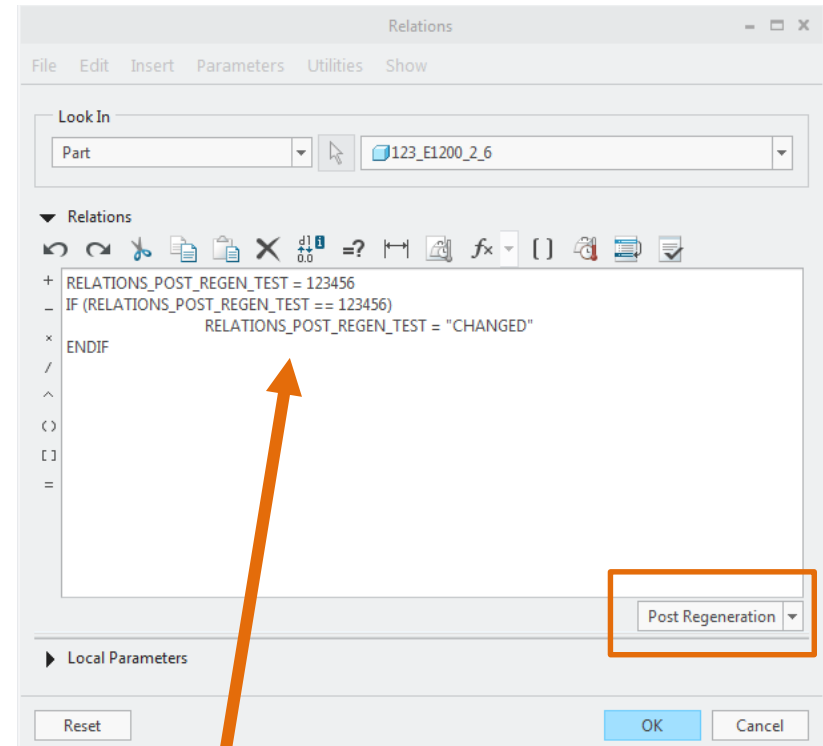
INSTANCE	ORD_NUMBER	USER_NUMBER	PRICE	COLOR
E1200_2_6	E1200/2x6	-	0	100,100,100
E1200_2_8	E1200/2x8	-	0	GREEN
E1200_2_10	E1200/2x10	-	0	RED
E1200_2_12	E1200/2x12	-	0	YELLOW
E1200_2_16	E1200/2x16	-	0	BLUE
E1200_2_20	E1200/2x20	-	0	ORANGE
E1200_2_5_12	E1200/2,5x12	-	0	RED
E1200_3_6	E1200/3x6	-	0	RED
E1200_3_8	E1200/3x8	-	0	RED
E1200_3_10	E1200/3x10	-	0	RED
E1200_3_12	E1200/3x12	-	0	RED
E1200_3_14	E1200/3x14	-	0	RED
E1200_3_16	E1200/3x16	-	0	RED
E1200_3_20	E1200/3x20	-	0	RED
E1200_3_25	E1200/3x25	-	0	RED
E1200_3_30	E1200/3x30	-	0	RED
E1200_3_35	E1200/3x35	-	0	RED
E1200_3_40	E1200/3x40	-	0	RED
E1200_4_6	E1200/4x6	-	0	RED
E1200_4_8	E1200/4x8	-	0	RED
E1200_4_10	E1200/4x10	-	0	RED
E1200_4_12	E1200/4x12	-	0	RED



14. Уравнения в пострегенерации

- - 1. emx_comp_post_regen.rel
 - 2. plate_post_regen.rel
 - 3. ~~Ä~~ Ä È È

Name	Änderungsdatum	Typ	Grö
emx_bom.xls	06.04.2016 09:44	Microsoft Excel 97...	
emx_bom_adv.xls	25.08.2016 13:28	Microsoft Excel 97...	
emx_comp.rel	09.09.2016 08:58	REL-Datei	
inactive_emx_comp.rel	06.04.2016 09:44	REL-Datei	
inactive_ref_feat_udf.gph	06.04.2016 09:44	Creo User defined ...	
insert_asm.asm	25.08.2016 13:28	Creo Assembly File	
insert_asm_inch.asm	06.04.2016 09:44	Creo Assembly File	
insert_comp.prt	06.04.2016 09:44	Creo Part File	
insert_comp_inch.prt	06.04.2016 09:44	Creo Part File	
view_layer_template_german.prt	25.08.2016 13:28	Creo Part File	
view_layer_template_usascii.prt	25.08.2016 13:28	Creo Part File	
emx_comp_post_regen.rel	09.09.2016 10:40	REL-Datei	



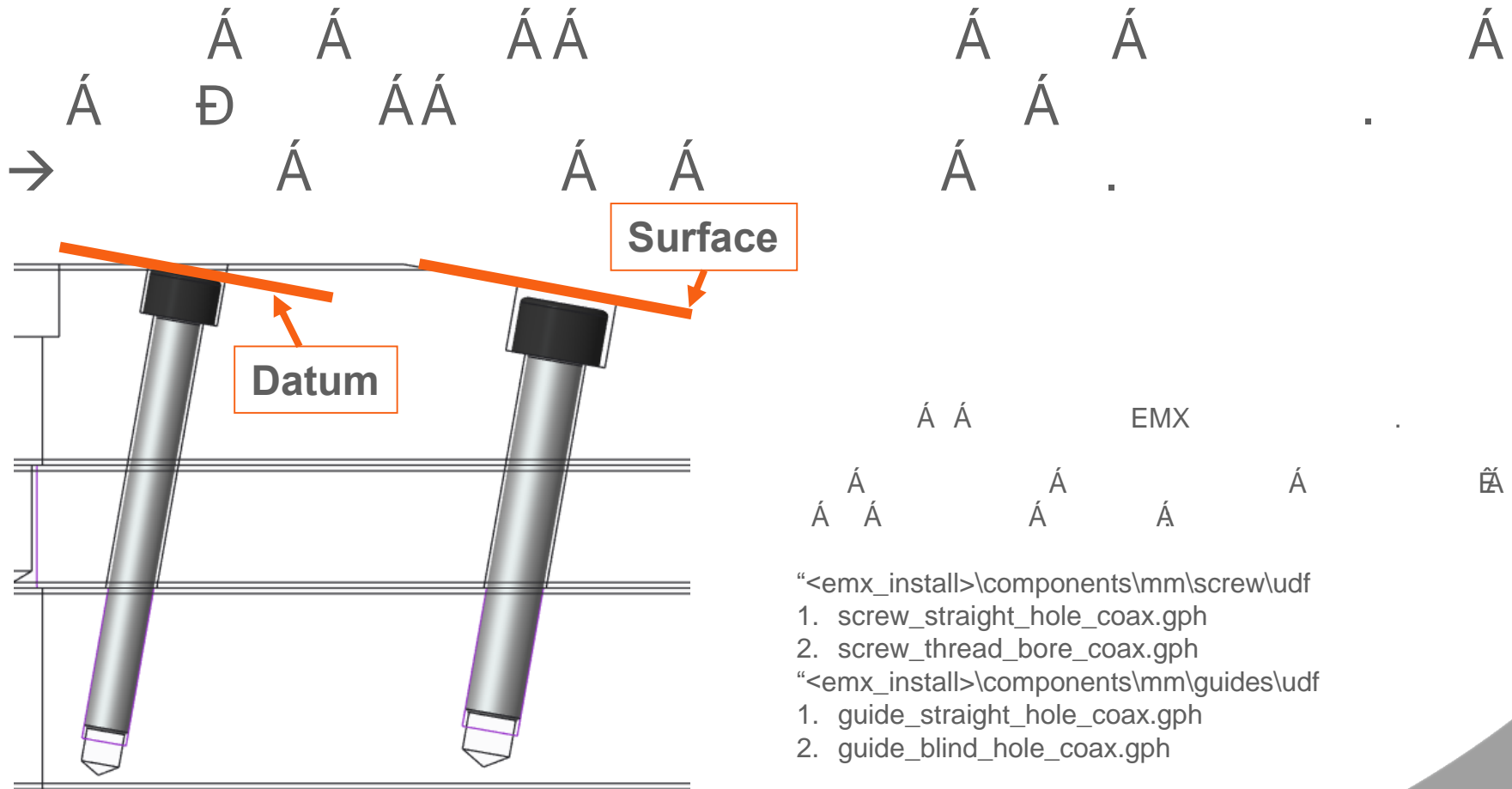
```

C:\bw\EMX\configuration\templates\emx_comp_post_regen.rel - Notepad++
Datei Bearbeiten Suchen Ansicht Kodierung Sprachen Einstellungen Makro Ausführung
emx_comp_post_regen.rel
1 RELATIONS_POST_REGEN_TEST = 123456
2 IF (RELATIONS_POST_REGEN_TEST == 123456)
3     RELATIONS_POST_REGEN_TEST = "CHANGED"
4 ENDIF
    
```

15. Авто-именование в Windchill

- ~~AAA~~ A WINDCHILL_AUTONUMBER
- ~~AAA~~ A A Windchill A A A A YES
EMX A A A Windchill A
- Windchill Common Name A
 A A partnames.cfg
- ~~AAA~~ A WINDCHILL_AUTONUMBER
 A partnames.cfg A
 A A

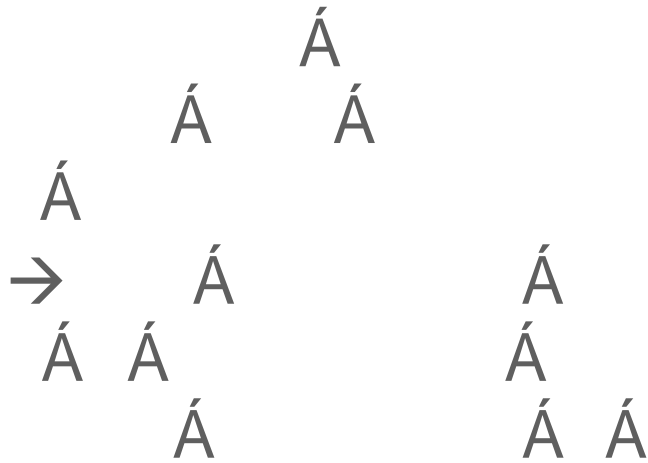
16. Вырезы под углом



```

<emx_install>\components\mm\screw\udf
1. screw_straight_hole_coax.gph
2. screw_thread_bore_coax.gph
<emx_install>\components\mm\guides\udf
1. guide_straight_hole_coax.gph
2. guide_blind_hole_coax.gph
    
```

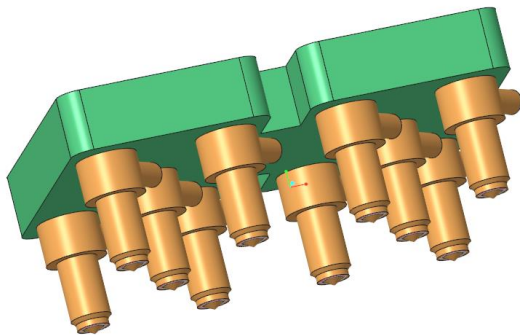
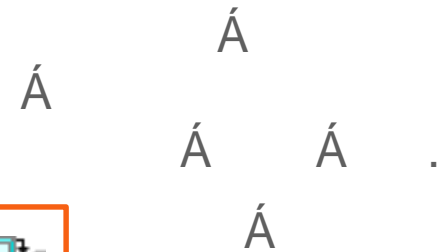
17. Исключение покужных в спецификации



	HOT_12MATRIX001	20	
	HOT_12MATRIX001	21	
		123_BI-METALLIC_C-SPRUE002	22
	123_SEAL2002	23	
		123_HOTSPRUE2	24
		123_SEAL1002	25
Hidden Parts List			
	HOTRUNNER	26	
	HOT_MACHINE	27	
	HOT_SKELETON	28	



	HOT_E1010_22_56_75	17	
		HOT_E1100_24_76	18
	HOT_E1100_22_76	19	
		HOT_12MATRIX001	20
Hidden Parts List			
	HOTRUNNER	21	
	HOT_MACHINE	22	
	HOT_SKELETON	23	



18. Ctrl+X / Ctrl+V в спецификациях

~~ÁÁ~~ Á ÁÁ Á Á
 Ctrl+X Ctrl+V.
 → Á Á Á .

		HOT_CAV_PLATE_FH001	9	1	HOT_CAV
		HOT_CLP_PLATE_FH001	10	1	HOT_CLP
▶		HOT_STOP_DISC			STO
▶		HOT_STOP_ASM			STO
▶		HOT_E1200_12_1			E120
▶		HOT_E1200_12_4			E120
▶		HOT_E1200_8_25			E120
▶		HOT E1010 24 56 75	16	3	HOT E101

- Edit BOM Parameters
- Cut
- Paste
- Show/Hide Items
- Mark/Unmark a purchased Part/Assembly

19. Поиск объектов в окне спецификации

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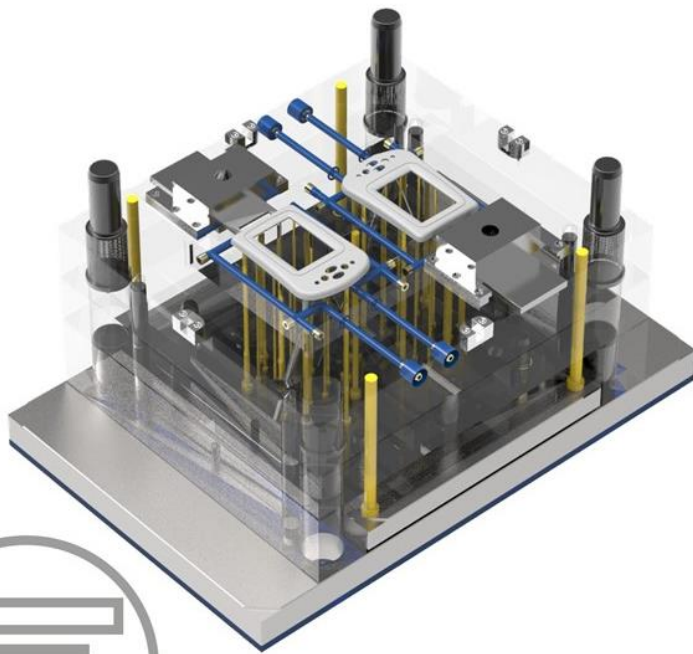
Bill of Materials

Find... RISERS

E...	VI...	MODELL	POS	QTY	(V) PARTNAME	PARTID	BOM
	👁	123_CLP_PLATE_MH001	1	1	123_CLP_PLATE_MH001	01-0001	Cl
	👁	123_EJBASE_PLATE_MH001	2	1	123_EJBASE_PLATE_MH001	01-0001	Ej
	👁	123_EJRET_PLATE_MH001	3	1	123_EJRET_PLATE_MH001	01-0001	Ej
	👁	123_RISERS_R_MH001	4	1	123_RISERS_R_MH001	01-0001	Ri
	👁	123_RISERS_L_MH001	5	1	123_RISERS_L_MH001	01-0001	Ri
	👁	123_INT_PLATE_MH001	6	1	123_INT_PLATE_MH001	01-0001	Int
	👁	123_CAV_PLATE_MH001	7	1	123_CAV_PLATE_MH001	01-0001	Ce
	👁	123_CAV_PLATE_FH001	8	1	123_CAV_PLATE_FH001	01-0001	Ce
	👁	123_CLP_PLATE_FH001	9	1	123_CLP_PLATE_FH001	01-0001	Cl
▶	👁	123_E1220_5_16	10	4	123_E1220_5_16	02-0008	Se
Hidden Parts List							
	👁	123_STOP_ASM8	11	1	123_STOP_ASM8	02-0008	St
▶	👁	123_STOP_DISC8	12	4	123_STOP_DISC8	02-0008	St
▶	👁	123_E1200_12_160	13	4	123_E1200_12_160	02-0002	SH
▶	👁	123_E1200_12_40	14	4	123_E1200_12_40	02-0001	SH

IGES! [Icons] [OK] [Cancel]

EMX 10 F000



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Компоненты

Á

- Misumi – Á ÁNPW M-KOC
- Misumi –Á Á TPN
- Misumi – Á ESHJ, ERZF ÁERV B
- Meusburger – ÁE10025
- Meusburger – E10125 (ÁDLC)
- Meusburger – E1546
- Hasco – Z040
- Hasco – Á K107, K501, K506, K1000
- Knarr – 37999
- Strack - Z17, Z18 Á Á
- Strack - Z45 Á Á

Компоненты

Á

- Meusburger –Á E1032: Á
- Meusburger –Á Á E1362
- Meusburger – E1514
- Meusburger –Á E2800:
- Knarr –Á 36555
- Knarr –Á 36599
- Knarr –Á 37414
- Knarr –Á 37555
- Knarr –Á 37888
- WEMA –Á S3102: Á
- WEMA –Á S3105:
- WEMA –Á S3111: Á Á
- WEMA –Á S3113: Á Á
- WEMA –Á S3115: Á Á
- WEMA –Á S3117: Á Á

Компоненты

- Hasco –Á Á K100
- Hasco -Á Á Z18/19
- Hasco –Á Á Z98
- LKM – Á Á
- Meusburger -Á Á E1402 E1403 E1407 E1408
- Meusburger –Á Á E1310
- PCS –Á : Á Á ÁÁ
- PCS –Á Á
- PCS –Á Á
- Hasco –Á Á K100
- Hasco -Á Á Z18/19
- Hasco – Á Z98
- LKM –Á Á
- Meusburger -Á Á E1402 E1403 E1407 E1408

Компоненты

- Misumi –Á
- Meusburger -Á E1712 Á Á
- Meusburger –Á Á E1310
- PCS –Á : Á Á Á Á Á
- PCS –Á Á
- PCS –Á Á

Компоненты

Обновленные плиты:

- Futaba - Каталог – Все размеры проверены и обновлены
- Meusburger - Плиты обновлены
- Meusburger - E2071 Добавлена опция вторичной расточки

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