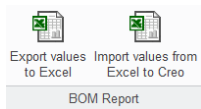


EMX-BOM Report

Application Overview / Market Segment Introduction:

EMX-BOM Report is an embedded tool inside Creo (Pro/ENGINEER) for converting BOM output from Expert Moldbase Extension (EMX) into Customer Standards. This converts the data from the EMX Excel into Customer Standards and also it fills the Tool code according to part name and Treatment value according to the material assigned. The attributes of the BOM (like Revision, Quantity... etc.) will be pulled from the part parameter. It allows the user to Change the attributes directly in Excel and import that to Creo. This App also fills the title block of BOM from the top level assembly parameters.

| Bill Of Material | | | | | | TOOL SCHEDULE | | | | | |
|--------------------------------------|---------------|-----------|----------|-------------------|-------------------|---------------|--------------------------------------|--------------|------------------------|---------|-------|
| Part Description | CATALOGUE STD | TOOL_CODE | REVISION | REQUIRED MATERIAL | TREATMENT STD SPL | REMARKS | Part Description | TYPE OF WELD | THREE PLATE NOT DIMMED | RES.DEN | Notes |
| 1.02 MR_A_PLATE02 | | | 1 | 1.02K_Toughened | | | 1.02 MR_A_PLATE02 | | | | |
| 2.07 MR_SPACER_P_001 | | | 1 | 1.02K_Toughened | | | 2.07 MR_SPACER_P_001 | | | | |
| 3.08 MR_SPACER_L_001 | | | 1 | 1.02K_Toughened | | | 3.08 MR_SPACER_L_001 | | | | |
| 4.08 MR_BASE_PLATE_001 | | | 1 | 1.02K_Toughened | | | 4.08 MR_BASE_PLATE_001 | | | | |
| 5.08 MR_ELECTRO_PLATE_001 | | | 1 | 1.02K_Toughened | | | 5.08 MR_ELECTRO_PLATE_001 | | | | |
| 6.08 MR_SUPPORTER_PLATE_001 | | | 1 | 1.02K_Toughened | | | 6.08 MR_SUPPORTER_PLATE_001 | | | | |
| 7.22 MR_SUPPORTER_CENTER_INSERT_01 | 230100419 | | 1 | 4.02K_316 | | | 7.22 MR_SUPPORTER_CENTER_INSERT_01 | | | | |
| 8.12 MR_SUPPORTER_CENTER_INSERT_02 | 230100419 | | 1 | 4.02K_316 | | | 8.12 MR_SUPPORTER_CENTER_INSERT_02 | | | | |
| 9.12 MR_SUPPORTER_CENTER_INSERT_03 | 230100419 | | 1 | 4.02K_316 | | | 9.12 MR_SUPPORTER_CENTER_INSERT_03 | | | | |
| 10.12 MR_SUPPORTER_CENTER_INSERT_04 | 230100419 | | 1 | 4.02K_316 | | | 10.12 MR_SUPPORTER_CENTER_INSERT_04 | | | | |
| 11.12 MR_SUPPORTER_CENTER_INSERT_05 | 230100419 | | 1 | 4.02K_316 | | | 11.12 MR_SUPPORTER_CENTER_INSERT_05 | | | | |
| 12.12 MR_SUPPORTER_CENTER_INSERT_06 | 230100419 | | 1 | 4.02K_316 | | | 12.12 MR_SUPPORTER_CENTER_INSERT_06 | | | | |
| 13.12 MR_SUPPORTER_CENTER_INSERT_07 | 230100419 | | 1 | 4.02K_316 | | | 13.12 MR_SUPPORTER_CENTER_INSERT_07 | | | | |
| 14.12 MR_SUPPORTER_CENTER_INSERT_08 | 230100419 | | 1 | 4.02K_316 | | | 14.12 MR_SUPPORTER_CENTER_INSERT_08 | | | | |
| 15.12 MR_SUPPORTER_CENTER_INSERT_09 | 230100419 | | 1 | 4.02K_316 | | | 15.12 MR_SUPPORTER_CENTER_INSERT_09 | | | | |
| 16.12 MR_SUPPORTER_CENTER_INSERT_10 | 230100419 | | 1 | 4.02K_316 | | | 16.12 MR_SUPPORTER_CENTER_INSERT_10 | | | | |
| 17.12 MR_SUPPORTER_CENTER_INSERT_11 | 230100419 | | 1 | 4.02K_316 | | | 17.12 MR_SUPPORTER_CENTER_INSERT_11 | | | | |
| 18.12 MR_SUPPORTER_CENTER_INSERT_12 | 230100419 | | 1 | 4.02K_316 | | | 18.12 MR_SUPPORTER_CENTER_INSERT_12 | | | | |
| 19.12 MR_SUPPORTER_CENTER_INSERT_13 | 230100419 | | 1 | 4.02K_316 | | | 19.12 MR_SUPPORTER_CENTER_INSERT_13 | | | | |
| 20.12 MR_SUPPORTER_CENTER_INSERT_14 | 230100419 | | 1 | 4.02K_316 | | | 20.12 MR_SUPPORTER_CENTER_INSERT_14 | | | | |
| 21.12 MR_SUPPORTER_CENTER_INSERT_15 | 230100419 | | 1 | 4.02K_316 | | | 21.12 MR_SUPPORTER_CENTER_INSERT_15 | | | | |
| 22.12 MR_SUPPORTER_CENTER_INSERT_16 | 230100419 | | 1 | 4.02K_316 | | | 22.12 MR_SUPPORTER_CENTER_INSERT_16 | | | | |
| 23.12 MR_SUPPORTER_CENTER_INSERT_17 | 230100419 | | 1 | 4.02K_316 | | | 23.12 MR_SUPPORTER_CENTER_INSERT_17 | | | | |
| 24.12 MR_SUPPORTER_CENTER_INSERT_18 | 230100419 | | 1 | 4.02K_316 | | | 24.12 MR_SUPPORTER_CENTER_INSERT_18 | | | | |
| 25.12 MR_SUPPORTER_CENTER_INSERT_19 | 230100419 | | 1 | 4.02K_316 | | | 25.12 MR_SUPPORTER_CENTER_INSERT_19 | | | | |
| 26.12 MR_SUPPORTER_CENTER_INSERT_20 | 230100419 | | 1 | 4.02K_316 | | | 26.12 MR_SUPPORTER_CENTER_INSERT_20 | | | | |
| 27.12 MR_SUPPORTER_CENTER_INSERT_21 | 230100419 | | 1 | 4.02K_316 | | | 27.12 MR_SUPPORTER_CENTER_INSERT_21 | | | | |
| 28.12 MR_SUPPORTER_CENTER_INSERT_22 | 230100419 | | 1 | 4.02K_316 | | | 28.12 MR_SUPPORTER_CENTER_INSERT_22 | | | | |
| 29.12 MR_SUPPORTER_CENTER_INSERT_23 | 230100419 | | 1 | 4.02K_316 | | | 29.12 MR_SUPPORTER_CENTER_INSERT_23 | | | | |
| 30.12 MR_SUPPORTER_CENTER_INSERT_24 | 230100419 | | 1 | 4.02K_316 | | | 30.12 MR_SUPPORTER_CENTER_INSERT_24 | | | | |
| 31.12 MR_SUPPORTER_CENTER_INSERT_25 | 230100419 | | 1 | 4.02K_316 | | | 31.12 MR_SUPPORTER_CENTER_INSERT_25 | | | | |
| 32.12 MR_SUPPORTER_CENTER_INSERT_26 | 230100419 | | 1 | 4.02K_316 | | | 32.12 MR_SUPPORTER_CENTER_INSERT_26 | | | | |
| 33.12 MR_SUPPORTER_CENTER_INSERT_27 | 230100419 | | 1 | 4.02K_316 | | | 33.12 MR_SUPPORTER_CENTER_INSERT_27 | | | | |
| 34.12 MR_SUPPORTER_CENTER_INSERT_28 | 230100419 | | 1 | 4.02K_316 | | | 34.12 MR_SUPPORTER_CENTER_INSERT_28 | | | | |
| 35.12 MR_SUPPORTER_CENTER_INSERT_29 | 230100419 | | 1 | 4.02K_316 | | | 35.12 MR_SUPPORTER_CENTER_INSERT_29 | | | | |
| 36.12 MR_SUPPORTER_CENTER_INSERT_30 | 230100419 | | 1 | 4.02K_316 | | | 36.12 MR_SUPPORTER_CENTER_INSERT_30 | | | | |
| 37.12 MR_SUPPORTER_CENTER_INSERT_31 | 230100419 | | 1 | 4.02K_316 | | | 37.12 MR_SUPPORTER_CENTER_INSERT_31 | | | | |
| 38.12 MR_SUPPORTER_CENTER_INSERT_32 | 230100419 | | 1 | 4.02K_316 | | | 38.12 MR_SUPPORTER_CENTER_INSERT_32 | | | | |
| 39.12 MR_SUPPORTER_CENTER_INSERT_33 | 230100419 | | 1 | 4.02K_316 | | | 39.12 MR_SUPPORTER_CENTER_INSERT_33 | | | | |
| 40.12 MR_SUPPORTER_CENTER_INSERT_34 | 230100419 | | 1 | 4.02K_316 | | | 40.12 MR_SUPPORTER_CENTER_INSERT_34 | | | | |
| 41.12 MR_SUPPORTER_CENTER_INSERT_35 | 230100419 | | 1 | 4.02K_316 | | | 41.12 MR_SUPPORTER_CENTER_INSERT_35 | | | | |
| 42.12 MR_SUPPORTER_CENTER_INSERT_36 | 230100419 | | 1 | 4.02K_316 | | | 42.12 MR_SUPPORTER_CENTER_INSERT_36 | | | | |
| 43.12 MR_SUPPORTER_CENTER_INSERT_37 | 230100419 | | 1 | 4.02K_316 | | | 43.12 MR_SUPPORTER_CENTER_INSERT_37 | | | | |
| 44.12 MR_SUPPORTER_CENTER_INSERT_38 | 230100419 | | 1 | 4.02K_316 | | | 44.12 MR_SUPPORTER_CENTER_INSERT_38 | | | | |
| 45.12 MR_SUPPORTER_CENTER_INSERT_39 | 230100419 | | 1 | 4.02K_316 | | | 45.12 MR_SUPPORTER_CENTER_INSERT_39 | | | | |
| 46.12 MR_SUPPORTER_CENTER_INSERT_40 | 230100419 | | 1 | 4.02K_316 | | | 46.12 MR_SUPPORTER_CENTER_INSERT_40 | | | | |
| 47.12 MR_SUPPORTER_CENTER_INSERT_41 | 230100419 | | 1 | 4.02K_316 | | | 47.12 MR_SUPPORTER_CENTER_INSERT_41 | | | | |
| 48.12 MR_SUPPORTER_CENTER_INSERT_42 | 230100419 | | 1 | 4.02K_316 | | | 48.12 MR_SUPPORTER_CENTER_INSERT_42 | | | | |
| 49.12 MR_SUPPORTER_CENTER_INSERT_43 | 230100419 | | 1 | 4.02K_316 | | | 49.12 MR_SUPPORTER_CENTER_INSERT_43 | | | | |
| 50.12 MR_SUPPORTER_CENTER_INSERT_44 | 230100419 | | 1 | 4.02K_316 | | | 50.12 MR_SUPPORTER_CENTER_INSERT_44 | | | | |
| 51.12 MR_SUPPORTER_CENTER_INSERT_45 | 230100419 | | 1 | 4.02K_316 | | | 51.12 MR_SUPPORTER_CENTER_INSERT_45 | | | | |
| 52.12 MR_SUPPORTER_CENTER_INSERT_46 | 230100419 | | 1 | 4.02K_316 | | | 52.12 MR_SUPPORTER_CENTER_INSERT_46 | | | | |
| 53.12 MR_SUPPORTER_CENTER_INSERT_47 | 230100419 | | 1 | 4.02K_316 | | | 53.12 MR_SUPPORTER_CENTER_INSERT_47 | | | | |
| 54.12 MR_SUPPORTER_CENTER_INSERT_48 | 230100419 | | 1 | 4.02K_316 | | | 54.12 MR_SUPPORTER_CENTER_INSERT_48 | | | | |
| 55.12 MR_SUPPORTER_CENTER_INSERT_49 | 230100419 | | 1 | 4.02K_316 | | | 55.12 MR_SUPPORTER_CENTER_INSERT_49 | | | | |
| 56.12 MR_SUPPORTER_CENTER_INSERT_50 | 230100419 | | 1 | 4.02K_316 | | | 56.12 MR_SUPPORTER_CENTER_INSERT_50 | | | | |
| 57.12 MR_SUPPORTER_CENTER_INSERT_51 | 230100419 | | 1 | 4.02K_316 | | | 57.12 MR_SUPPORTER_CENTER_INSERT_51 | | | | |
| 58.12 MR_SUPPORTER_CENTER_INSERT_52 | 230100419 | | 1 | 4.02K_316 | | | 58.12 MR_SUPPORTER_CENTER_INSERT_52 | | | | |
| 59.12 MR_SUPPORTER_CENTER_INSERT_53 | 230100419 | | 1 | 4.02K_316 | | | 59.12 MR_SUPPORTER_CENTER_INSERT_53 | | | | |
| 60.12 MR_SUPPORTER_CENTER_INSERT_54 | 230100419 | | 1 | 4.02K_316 | | | 60.12 MR_SUPPORTER_CENTER_INSERT_54 | | | | |
| 61.12 MR_SUPPORTER_CENTER_INSERT_55 | 230100419 | | 1 | 4.02K_316 | | | 61.12 MR_SUPPORTER_CENTER_INSERT_55 | | | | |
| 62.12 MR_SUPPORTER_CENTER_INSERT_56 | 230100419 | | 1 | 4.02K_316 | | | 62.12 MR_SUPPORTER_CENTER_INSERT_56 | | | | |
| 63.12 MR_SUPPORTER_CENTER_INSERT_57 | 230100419 | | 1 | 4.02K_316 | | | 63.12 MR_SUPPORTER_CENTER_INSERT_57 | | | | |
| 64.12 MR_SUPPORTER_CENTER_INSERT_58 | 230100419 | | 1 | 4.02K_316 | | | 64.12 MR_SUPPORTER_CENTER_INSERT_58 | | | | |
| 65.12 MR_SUPPORTER_CENTER_INSERT_59 | 230100419 | | 1 | 4.02K_316 | | | 65.12 MR_SUPPORTER_CENTER_INSERT_59 | | | | |
| 66.12 MR_SUPPORTER_CENTER_INSERT_60 | 230100419 | | 1 | 4.02K_316 | | | 66.12 MR_SUPPORTER_CENTER_INSERT_60 | | | | |
| 67.12 MR_SUPPORTER_CENTER_INSERT_61 | 230100419 | | 1 | 4.02K_316 | | | 67.12 MR_SUPPORTER_CENTER_INSERT_61 | | | | |
| 68.12 MR_SUPPORTER_CENTER_INSERT_62 | 230100419 | | 1 | 4.02K_316 | | | 68.12 MR_SUPPORTER_CENTER_INSERT_62 | | | | |
| 69.12 MR_SUPPORTER_CENTER_INSERT_63 | 230100419 | | 1 | 4.02K_316 | | | 69.12 MR_SUPPORTER_CENTER_INSERT_63 | | | | |
| 70.12 MR_SUPPORTER_CENTER_INSERT_64 | 230100419 | | 1 | 4.02K_316 | | | 70.12 MR_SUPPORTER_CENTER_INSERT_64 | | | | |
| 71.12 MR_SUPPORTER_CENTER_INSERT_65 | 230100419 | | 1 | 4.02K_316 | | | 71.12 MR_SUPPORTER_CENTER_INSERT_65 | | | | |
| 72.12 MR_SUPPORTER_CENTER_INSERT_66 | 230100419 | | 1 | 4.02K_316 | | | 72.12 MR_SUPPORTER_CENTER_INSERT_66 | | | | |
| 73.12 MR_SUPPORTER_CENTER_INSERT_67 | 230100419 | | 1 | 4.02K_316 | | | 73.12 MR_SUPPORTER_CENTER_INSERT_67 | | | | |
| 74.12 MR_SUPPORTER_CENTER_INSERT_68 | 230100419 | | 1 | 4.02K_316 | | | 74.12 MR_SUPPORTER_CENTER_INSERT_68 | | | | |
| 75.12 MR_SUPPORTER_CENTER_INSERT_69 | 230100419 | | 1 | 4.02K_316 | | | 75.12 MR_SUPPORTER_CENTER_INSERT_69 | | | | |
| 76.12 MR_SUPPORTER_CENTER_INSERT_70 | 230100419 | | 1 | 4.02K_316 | | | 76.12 MR_SUPPORTER_CENTER_INSERT_70 | | | | |
| 77.12 MR_SUPPORTER_CENTER_INSERT_71 | 230100419 | | 1 | 4.02K_316 | | | 77.12 MR_SUPPORTER_CENTER_INSERT_71 | | | | |
| 78.12 MR_SUPPORTER_CENTER_INSERT_72 | 230100419 | | 1 | 4.02K_316 | | | 78.12 MR_SUPPORTER_CENTER_INSERT_72 | | | | |
| 79.12 MR_SUPPORTER_CENTER_INSERT_73 | 230100419 | | 1 | 4.02K_316 | | | 79.12 MR_SUPPORTER_CENTER_INSERT_73 | | | | |
| 80.12 MR_SUPPORTER_CENTER_INSERT_74 | 230100419 | | 1 | 4.02K_316 | | | 80.12 MR_SUPPORTER_CENTER_INSERT_74 | | | | |
| 81.12 MR_SUPPORTER_CENTER_INSERT_75 | 230100419 | | 1 | 4.02K_316 | | | 81.12 MR_SUPPORTER_CENTER_INSERT_75 | | | | |
| 82.12 MR_SUPPORTER_CENTER_INSERT_76 | 230100419 | | 1 | 4.02K_316 | | | 82.12 MR_SUPPORTER_CENTER_INSERT_76 | | | | |
| 83.12 MR_SUPPORTER_CENTER_INSERT_77 | 230100419 | | 1 | 4.02K_316 | | | 83.12 MR_SUPPORTER_CENTER_INSERT_77 | | | | |
| 84.12 MR_SUPPORTER_CENTER_INSERT_78 | 230100419 | | 1 | 4.02K_316 | | | 84.12 MR_SUPPORTER_CENTER_INSERT_78 | | | | |
| 85.12 MR_SUPPORTER_CENTER_INSERT_79 | 230100419 | | 1 | 4.02K_316 | | | 85.12 MR_SUPPORTER_CENTER_INSERT_79 | | | | |
| 86.12 MR_SUPPORTER_CENTER_INSERT_80 | 230100419 | | 1 | 4.02K_316 | | | 86.12 MR_SUPPORTER_CENTER_INSERT_80 | | | | |
| 87.12 MR_SUPPORTER_CENTER_INSERT_81 | 230100419 | | 1 | 4.02K_316 | | | 87.12 MR_SUPPORTER_CENTER_INSERT_81 | | | | |
| 88.12 MR_SUPPORTER_CENTER_INSERT_82 | 230100419 | | 1 | 4.02K_316 | | | 88.12 MR_SUPPORTER_CENTER_INSERT_82 | | | | |
| 89.12 MR_SUPPORTER_CENTER_INSERT_83 | 230100419 | | 1 | 4.02K_316 | | | 89.12 MR_SUPPORTER_CENTER_INSERT_83 | | | | |
| 90.12 MR_SUPPORTER_CENTER_INSERT_84 | 230100419 | | 1 | 4.02K_316 | | | 90.12 MR_SUPPORTER_CENTER_INSERT_84 | | | | |
| 91.12 MR_SUPPORTER_CENTER_INSERT_85 | 230100419 | | 1 | 4.02K_316 | | | 91.12 MR_SUPPORTER_CENTER_INSERT_85 | | | | |
| 92.12 MR_SUPPORTER_CENTER_INSERT_86 | 230100419 | | 1 | 4.02K_316 | | | 92.12 MR_SUPPORTER_CENTER_INSERT_86 | | | | |
| 93.12 MR_SUPPORTER_CENTER_INSERT_87 | 230100419 | | 1 | 4.02K_316 | | | 93.12 MR_SUPPORTER_CENTER_INSERT_87 | | | | |
| 94.12 MR_SUPPORTER_CENTER_INSERT_88 | 230100419 | | 1 | 4.02K_316 | | | 94.12 MR_SUPPORTER_CENTER_INSERT_88 | | | | |
| 95.12 MR_SUPPORTER_CENTER_INSERT_89 | 230100419 | | 1 | 4.02K_316 | | | 95.12 MR_SUPPORTER_CENTER_INSERT_89 | | | | |
| 96.12 MR_SUPPORTER_CENTER_INSERT_90 | 230100419 | | 1 | 4.02K_316 | | | 96.12 MR_SUPPORTER_CENTER_INSERT_90 | | | | |
| 97.12 MR_SUPPORTER_CENTER_INSERT_91 | 230100419 | | 1 | 4.02K_316 | | | 97.12 MR_SUPPORTER_CENTER_INSERT_91 | | | | |
| 98.12 MR_SUPPORTER_CENTER_INSERT_92 | 230100419 | | 1 | 4.02K_316 | | | 98.12 MR_SUPPORTER_CENTER_INSERT_92 | | | | |
| 99.12 MR_SUPPORTER_CENTER_INSERT_93 | 230100419 | | 1 | 4.02K_316 | | | 99.12 MR_SUPPORTER_CENTER_INSERT_93 | | | | |
| 100.12 MR_SUPPORTER_CENTER_INSERT_94 | 230100419 | | 1 | 4.02K_316 | | | 100.12 MR_SUPPORTER_CENTER_INSERT_94 | | | | |



Current Scenario (Without Application):

How it adds value:

- Works with PTC Creo (Pro/ ENGINEER) Base & Expert Moldbase Extension (EMX) Licenses.
- One-click solution that automatically determines and documents BOM content from EMX Excel.
- Grouping of Moldbase, Core & Cavity & Library Elements Separately.
- Recognizes the material assigned to part & fills the Treatment.
- Maintains the associativity between Creo Assembly & Excel.
- Customized spreadsheet (Excel) output as per requirement or company standard along with required parameter / attribute information.

List of satisfied users:

- Indo MIM.

For more info contact CADOpt Technologies Private Limited at: info@CADOpt.com or visit our website at www.CADOpt.com