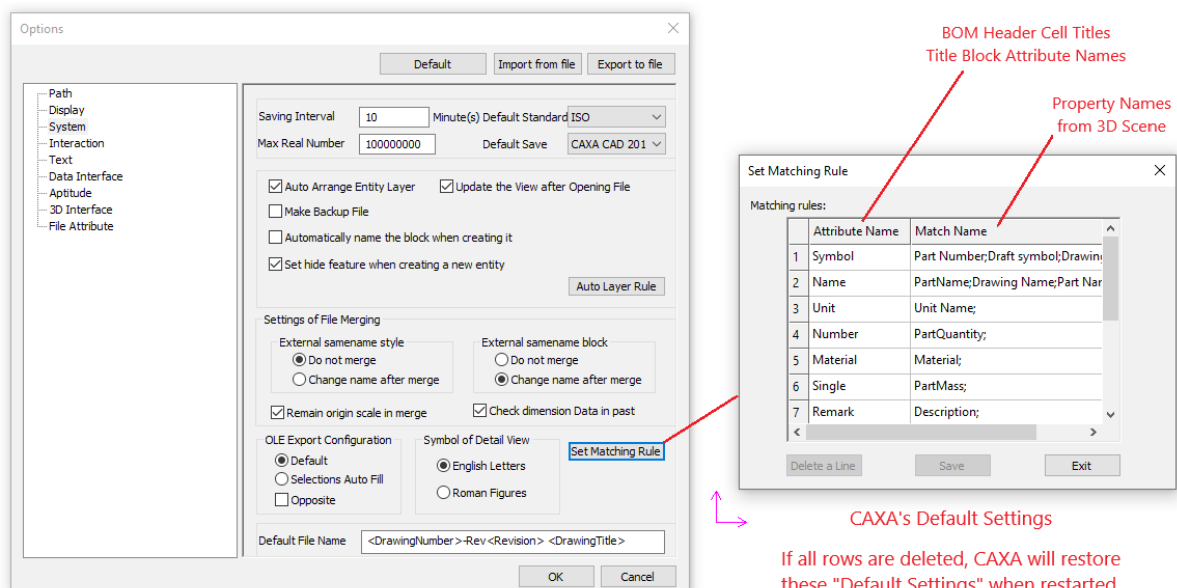


## IRONCAD DRAFT - OPTIONS – SYSTEM – SET MATCHING RULE

For reference purposes only, the “Attribute Names” and “Matching Property Names” shown below are provided by **Default** within CAXA. If all “Matching Rules” are deleted (including custom), then these Defaults will be reinstated the next time that IRONCAD is restarted.

| Attribute Name<br>(BOM Header Cell Title)<br>(Title Block Attribute Name) | Matching Property Name<br>(Property Name from 3D Scene)<br>(Attribute or Property Name from 2D Drawing) |
|---|---|
| Symbol  | Part Number; Draft symbol; Drawing No.; Drawing Code  |
| Name  | PartName; Drawing Name; Part Name; Pattern name   |
| Unit  | Unit Name   |
| Number  | PartQuantity  |
| Material  | Material  |
| Single  | PartMass  |
| Remark  | Description   |
| Source  | PartSource  |
| Drawing Name  | PartName  |
| Drawing No.   | Part Number   |
| Weight  | PartMass  |
| Paper   | Paper Size  |
| Scale   | Paper Scale   |



### CAXA's Default Settings

CAXA's Default Settings aren't applicable to our BOM Styles and Title Blocks, so can all be deleted and replaced with the following. These are based on our "Standard" BOM Style.

| Attribute Name<br>(BOM Header Cell Title)<br>(Title Block Attribute Name) | Matching Property Name<br>(Property Name from 3D Scene)<br>(Attribute or Property Name from 2D Drawing) |
|---|---|
| QTY   | PartQuantity  |
| PART NAME   | FrameName, PartName   |
| PART NUMBER   | Part Number, PartNumber   |
| REV   | Revision  |
| PART DESCRIPTION  | Description, PartDescription  |
| MATERIAL DESCRIPTION  | MaterialDescription   |
| MATERIAL SPECIFICATION  | MaterialSpecification   |
| STANDARD  | MaterialStandard  |
| GRADE   | MaterialGrade   |
| DESIGNATION   | MaterialDesignation   |
| HEIGHT  | ShapeHeightY  |
| WIDTH   | ShapeWidthX   |
| LENGTH  | ShapeLengthZ  |
| PATH  | 3DCurveLength   |
| START   | StartTaper  |
| END   | EndTaper  |
| MASS  | PartMass  |
| VOLUME  | PartVolume  |
| DENSITY   | MassDensity   |
| AREA  | SheetMetalNeutralSurfaceArea  |
| BEND ANGLE  | SheetMetalBendAngleMax  |
| BEND RADIUS   | SheetMetalBendRadiusMin   |
| K-FACTOR  | SheetMetalKFactor   |
| THICKNESS   | SheetMetalThickness   |
| NOTE  | Note  |
| DrawingNumber   | Part Number, PartNumber   |
| DrawingTitle  | Description, PartDescription  |
| Revision  | Revision  |
| RevisionDate  | RevisionDate  |

To view a list of the Part Properties available from the 3D Scene, use the “Import 3D BOM” or “Update 3D BOM” tools in the “3D Interface” Tab of the Ribbon.

Select the BOM Source (3D Scene) at the top of the Dialog Box. This will then list in the left column (Attribute name) all of the “Header Cell Titles” from the current BOM Style. Then in the right column (Attribute definition) use the drop-down lists to display the available Properties from the selected 3D Scene.

Update 3D BOM

Refresh BOM of file:

| Source file   | Update                              |
|---|-------------------------------------|
| D:\JAMES FORTEN INDUSTRIAL LTD\IRONCAD - Documents\Learning IRONCAD DRAFTV... | <input checked="" type="checkbox"/> |

Delete BOM

Replace...

3D BOM - Part Properties - 20210822.ics Import settings

|    | Attribute name       | Attribute definition         |
|----|----------------------|------------------------------|
| 1  | QTY                  | PartQuantity                 |
| 2  | PART NAME            | PartName                     |
| 3  | PART NUMBER          | Part Number                  |
| 4  | <DrawingNumber>      | Part-Number                  |
| 5  | REV                  | Revision                     |
| 6  | <Revision>           | Revision                     |
| 7  | <RevisionDate>       | RevisionDate                 |
| 8  | PART DESCRIPTION     | Description                  |
| 9  | <DrawingTitle>       | Description                  |
| 10 | MATERIAL DESCRIPTION | MaterialDescription          |
| 11 | TYPE                 | MaterialType                 |
| 12 | STANDARD             | MaterialStandard             |
| 13 | GRADE                | MaterialGrade                |
| 14 | DESIGNATION          | MaterialDesignation          |
| 15 | HEIGHT               | ShapeHeightY                 |
| 16 | WIDTH                | ShapeWidthX                  |
| 17 | LENGTH               | ShapeLengthZ                 |
| 18 | PATH                 | 3DCurveLength                |
| 19 | START                | StartTaper                   |
| 20 | END                  | EndTaper                     |
| 21 | MASS                 | PartMass                     |
| 22 | VOLUME               | PartVolume                   |
| 23 | DENSITY              | MassDensity                  |
| 24 | AREA                 | SheetMetalNeutralSurfaceArea |
| 25 | BEND ANGLE           | SheetMetalBendAngleMax       |
| 26 | BEND RADIUS          | SheetMetalBendRadiusMin      |
| 27 | K-FACTOR             | SheetMetalKFactor            |
| 28 | THICKNESS            | SheetMetalThickness          |
| 29 | NOTE                 | Note                         |

Import level: Part

Config: Default

☐ User Set Quantity as Total

Proccession after import

☐ Fill in BOM

☒ Clear Hide Flag

☐ Restore the deleted

☒ Synchronize Title Blo

☒ Calculate Weight

☒ Automatic

☐ Remerge all same

☐ Split all same

OK Cancel