IRONCAD DRAFT – 3D SCENE - PART PROPERTY NAMES

Part Properties consist of "System Properties" and "Custom Properties" (defined by the user). The following "System Properties" within Parts are available for populating Cells within the BOM; as well as the Attributes within the Title Block.

Using the "Set Matching Rule" (within Options of IRONCAD DRAFT), Part Property Names (whether System Properties or Custom Properties) need to be be "Matched" to the following:

1. BOM "Header Cell Titles"
2. Title Block "Attribute Names"

Part Properties from 3D Scene		
Property Name	Data Type	Location / Description in 3D Scene
3DCurveLength	Single	3D Curve / 3D Curve
Classification	*?*	*?*
Description	Text	General / Description
EndTaper	Single	Surface Reshaping / End Taper Tilt Angle
MassDensity	Single	Material / Mass Density
Material	Text	Material / Material
ModelGUID	Text	Different for Each "Linked" Copy
ModelLinkFileGUID	*Text*	*Original Inserted Part But Not Linked Copies*
ModelLinkModelGUID	*Text*	*Original Inserted Part But Not Linked Copies*
Part Number	Text	General / Part Number
PartMass	Single	Material / Mass
PartMassType	*Text*	*?*
PartName	Text	General / User Name
PartQuantity	Integer	General / Quantity
PartSpecMass	*?*	*?*
PartVolume	Single	Material / Volume
SheetMetal NeutralSurfaceArea	Single	Material / Neutral Surface Area
SizeboxHeight	Single	Sizebox / Height
SizeboxLength	Single	Sizebox / Length
SizeboxWidth	Single	Sizebox / Width
StartTaper	Single	Surface Reshaping / Start Taper Tilt Angle

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.