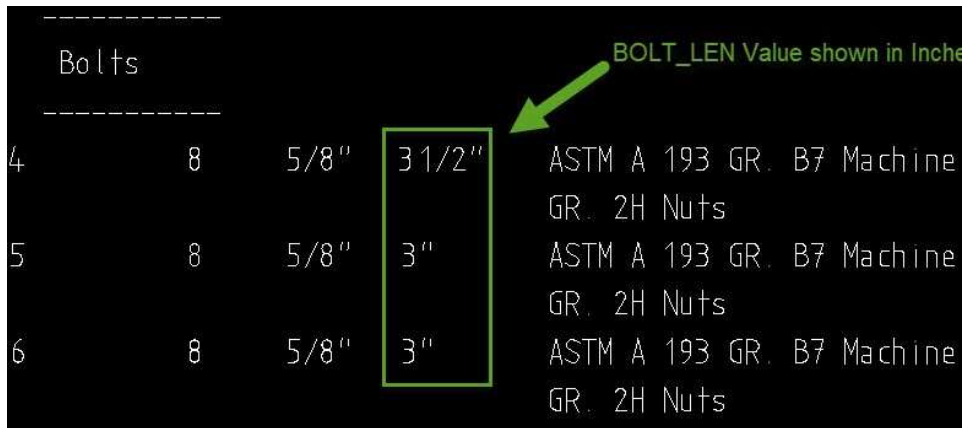


如何将 ISO 材料表中的螺栓螺母尺寸长度修改为公制显示



Bolts				
4	8	5/8"	3 1/2"	ASTM A 193 GR. B7 Machine GR. 2H Nuts
5	8	5/8"	3"	ASTM A 193 GR. B7 Machine GR. 2H Nuts
6	8	5/8"	3"	ASTM A 193 GR. B7 Machine GR. 2H Nuts

详见链接:

https://communities.bentley.com/products/plant/w/plant_design_and_engineering__wiki/31741/to-display-bolt-length-as-metric-in-bom-description

第一步:

In Class Editor, 打开 "OpenPlant_3D.01.07.ecschema"

参考 Supplement schema.

"OpenPlant_3D_Supplemental_Isometrics_Isoextractor.01.07.ecschema"

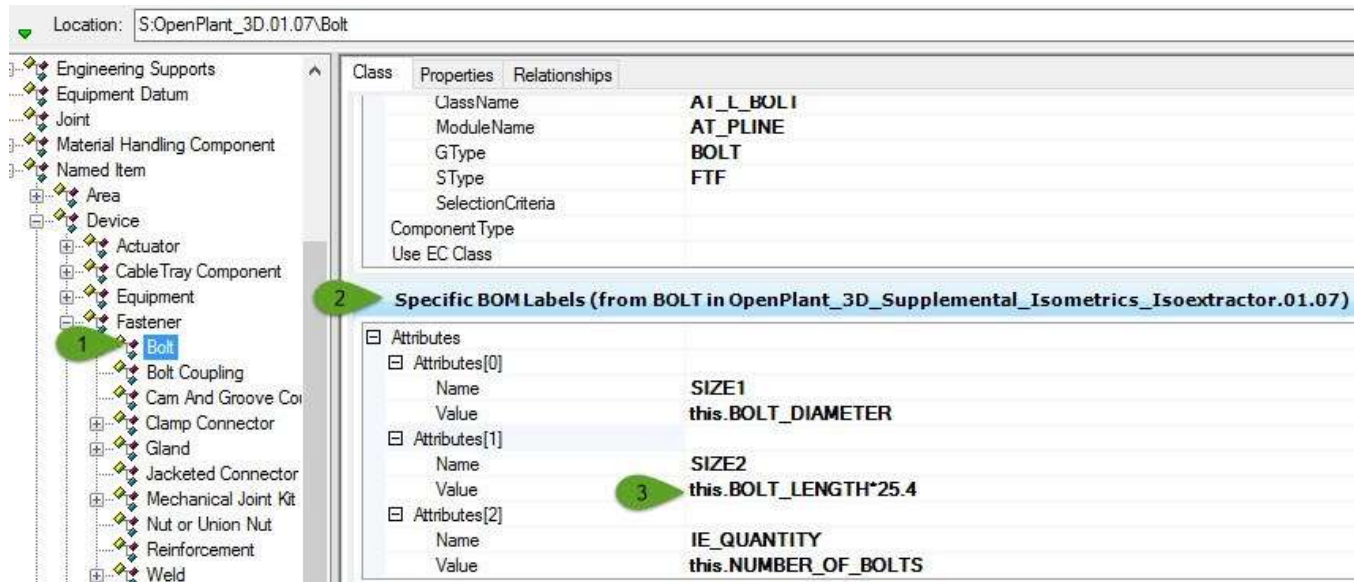
第二步:

导航到 to "BOLT" class 如下:



第三步:

编辑 "Specific BOM Labels" custom attribute and modify entry for SIZE2 value as shown below:



第四步：Save & Close Schema.

第五步：打开报表定制文件，将如下螺栓报表添加到报表中

Open Report Definition file from isometric configuration Manager.

Specify report for BOLTS as mentioned below.

REPORT = BOLT

this to include items

INCLUDE = IE_TYPE=CT_BOLT

#EXCLUDE = IE_TYPE=CT_WELD

COLUMN = 12: C : PARTID

COLUMN = 55: W : DESCRIPTION + "," + SIZE2:.2f + "mm LG"

COLUMN = 8: C : SIZE2:.2g

COLUMN = 15: R :

COLUMN = 7: R : QUANTITY

GROUP = PARTID

SORT = PARTID:N

SEP = @

SORTHEADERS = 0

TEXT = @ STUDS

Write =

Node = 60

END

```

report.def - Notepad
File Edit Format View Help
REPORT = BOLT

# this to include items
INCLUDE = IE_TYPE=CT_BOLT
#EXCLUDE = IE_TYPE=CT_WELD

COLUMN = 12: C : PARTID
COLUMN = 55: W : DESCRIPTION + ", " + SIZE2:.2f + "mm LG"
COLUMN = 8: R : SIZE2:.2g
COLUMN = 15: R :
COLUMN = 7: R : QUANTITY

GROUP = PARTID
SORT = PARTID:N
SEP = @
SORTHEADERS = 0

TEXT = @          STUDS
Write =

END

```

2 - 表示宽度 - 打印的最小字符数

f - 指定有效位数的最小值.

g - 指定有效位数的最大值.

第六步：重新生成 ISO，查看结果 Generate Isometrics & verify results.

```

      STUDS
5  ASME STANDARD 300LB RAISED FACING 8 - 114 3      16
   3/4 X 4 1/2 STUD BOLTS, 114 30mm LG
6  ASTM A 193 GR. B7 Machine Bolts with      89      8
   A194 GR. 2H Nuts, 89 00mm LG
7  ASTM A 193 GR. B7 Machine Bolts with      76 2      8
   A194 GR. 2H Nuts, 76 20mm LG
8  ASTM A 193 GR. B7 Machine Bolts with      76 2      8
   A194 GR. 2H Nuts, 76 20mm LG

```