

Building Part Numbers in CADWorx Spec Editor

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Ecodyne Water

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Building Part Numbers

PART NUMBER SCHEMA

1. THE PART NUMBER FORMAT IS REFERRED TO AS A SCHEMA
2. THE SCHEMA DETERMINES THE PART NUMBER ASSIGNED TO THE COMPONENTS
3. THE PART NUMBER SCHEMAS ARE CREATED IN THE SPECIFICATION EDITOR
4. FIELDS IN THE CATALOG ARE ASSIGNED IN THE SCHEMA TO MAKE UP THE PART NUMBER
5. THE SCHEMAS CAN BE SAVED AND USED IN OTHER SPECIFICATIONS

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Building Part Numbers

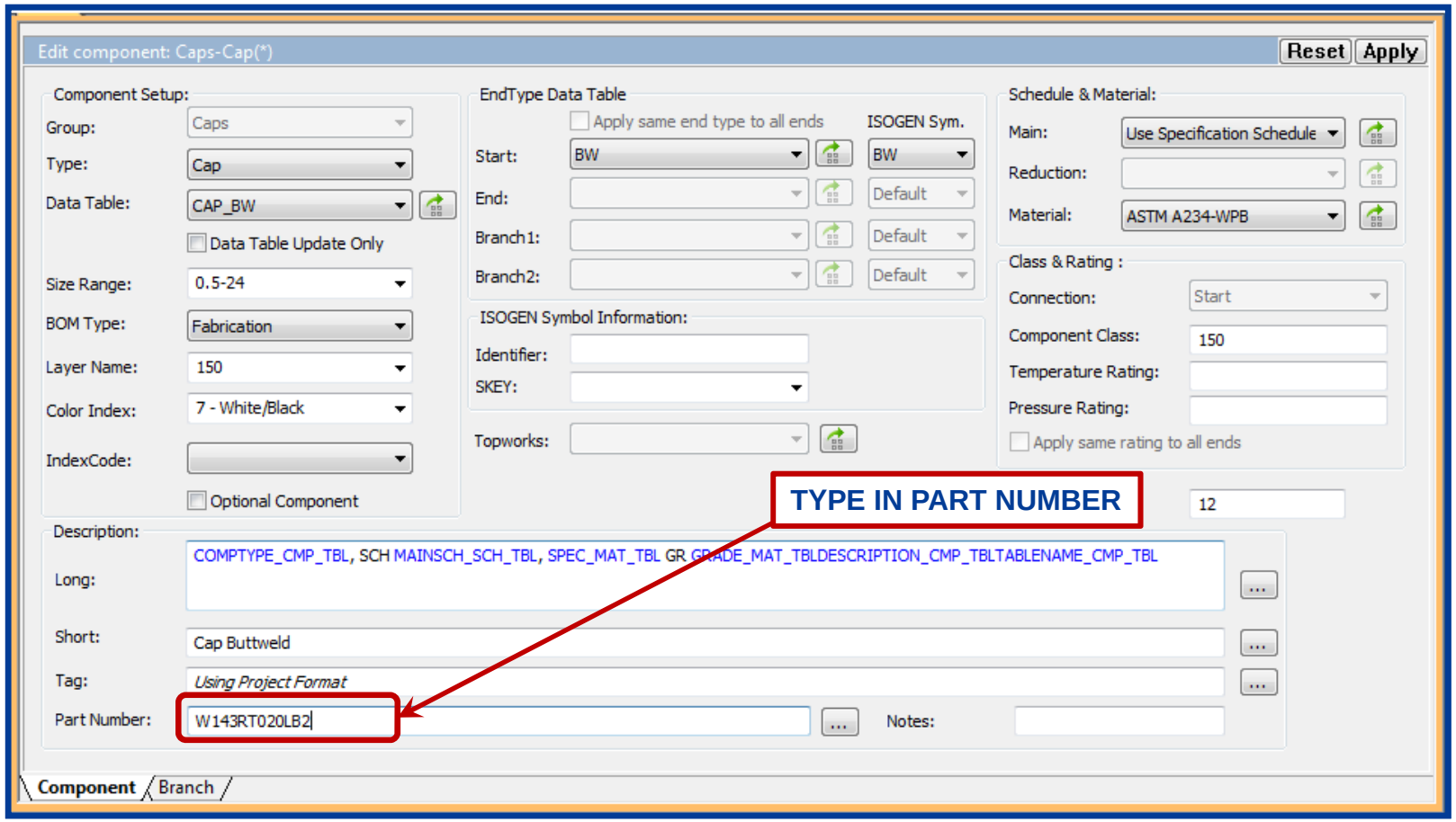
IMPLEMENTING THE PART NUMBER SCHEMA

1. INPUT THE PART NUMBER IN THE COMPONENT PART NUMBER FIELD
2. ASSIGN MULTIPLE FIELDS FROM THE CATALOG
3. IMPORT CADWORX 2012 Dbcodes,DAT

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Building Part Numbers

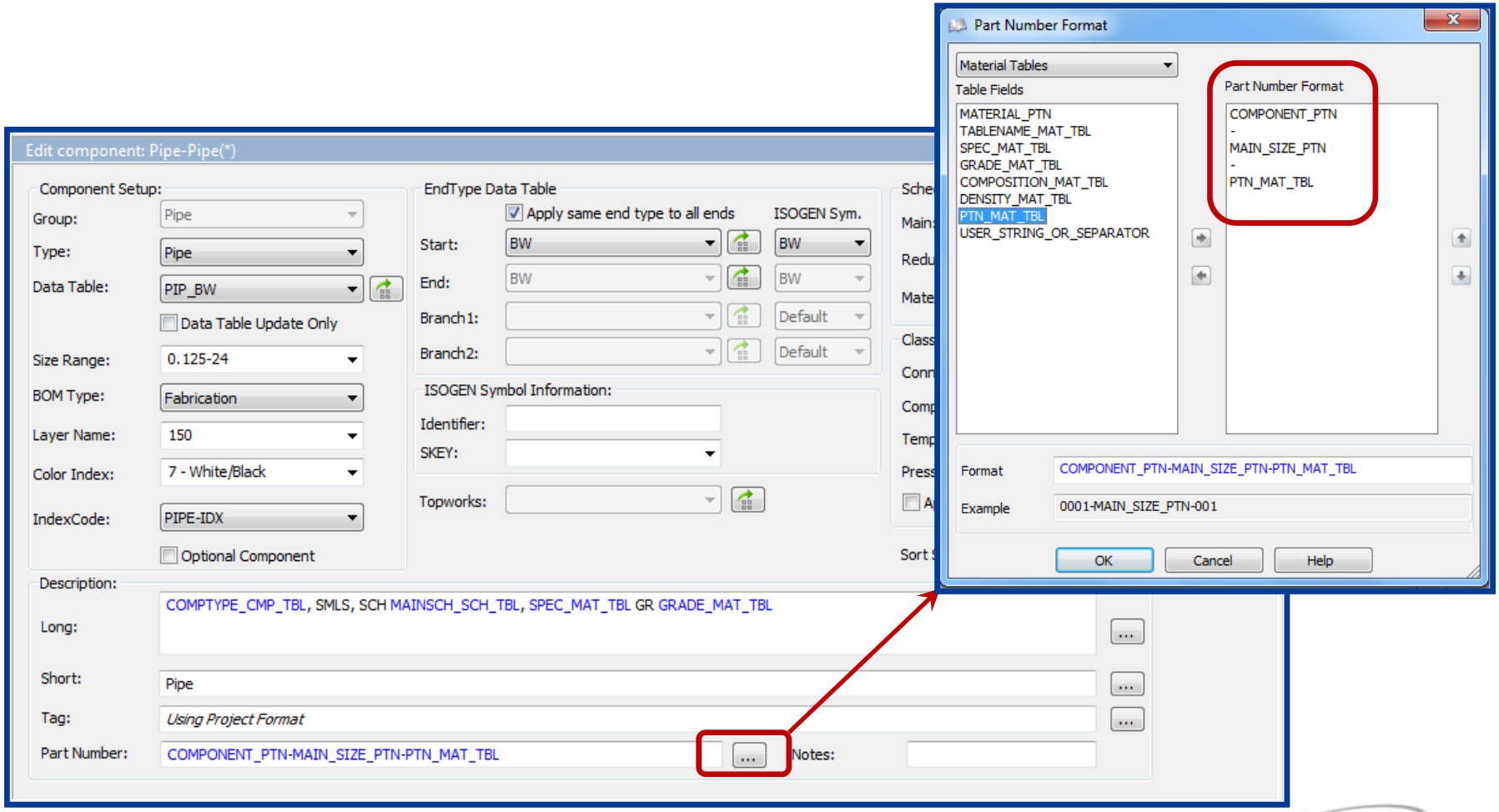
TYPE A PART NUMBER IN THE COMPONENT PART NUMBER FIELD



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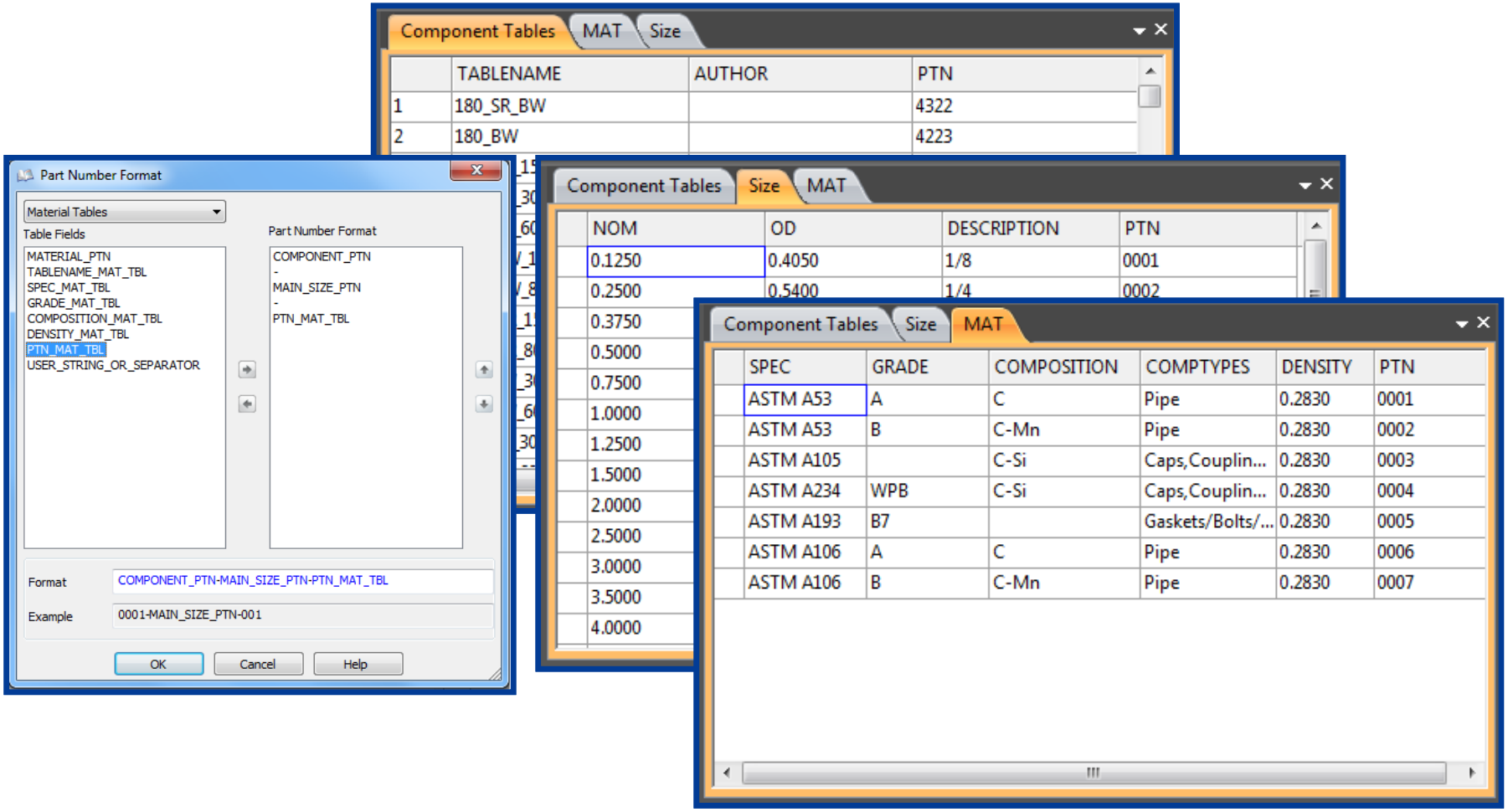
ASSIGN CATALOG FIELDS IN THE PART NUMBER SCHEMAS



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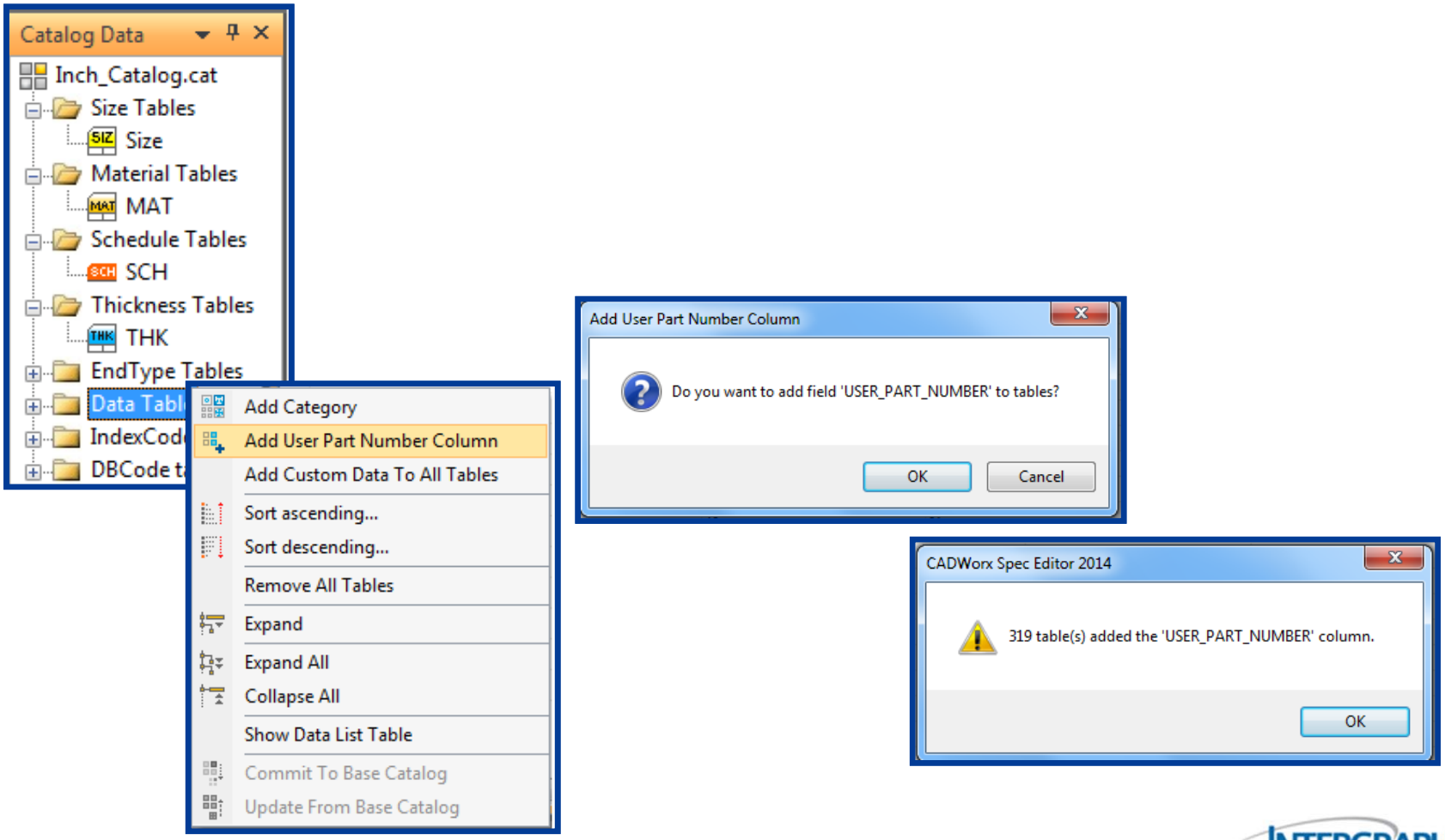
THE DATA FOR THE PART NUMBER SCHEMAS



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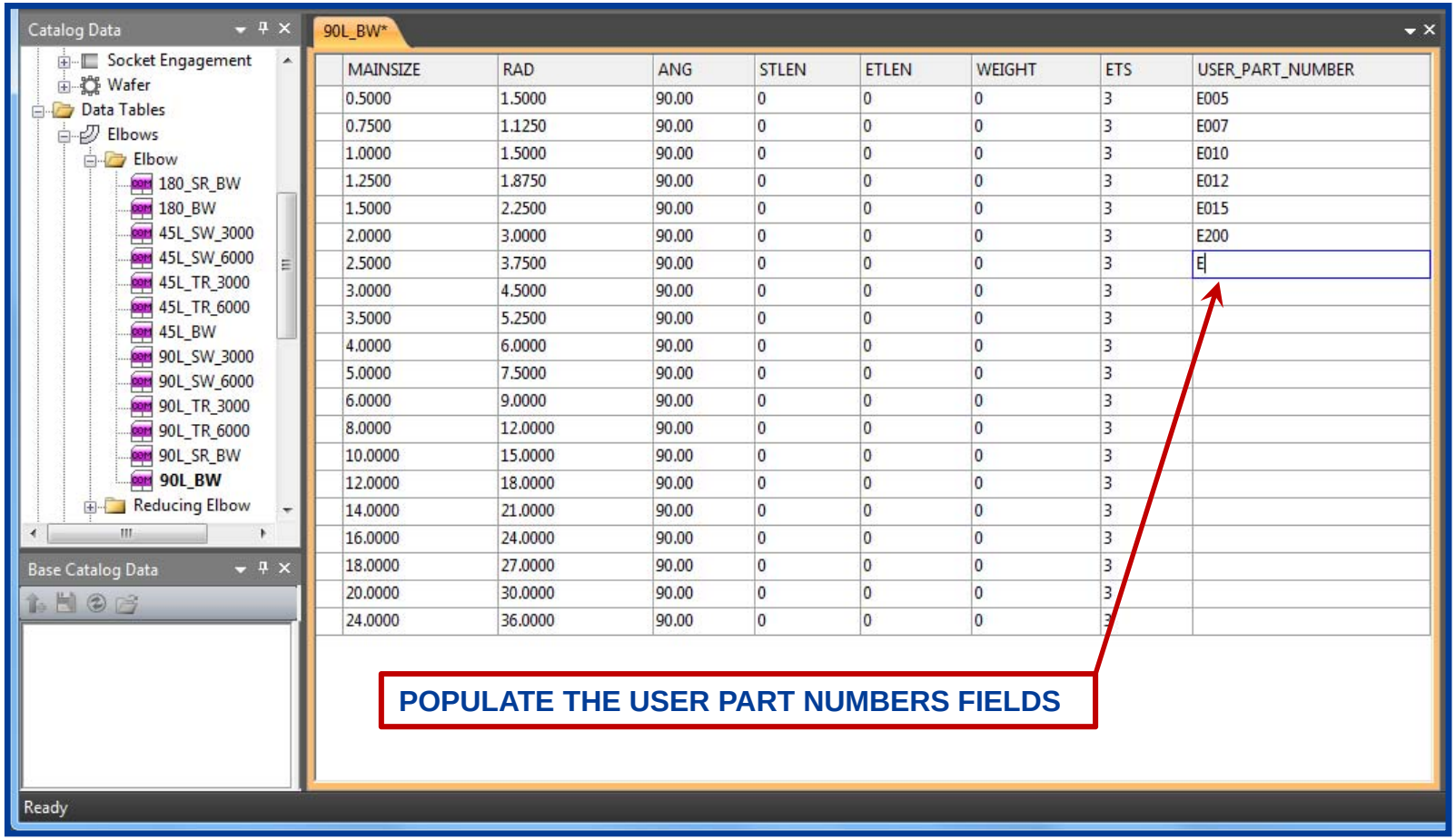
ADD A USER PART NUMBER COLUMN TO THE DATA TABLES



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Building Part Numbers

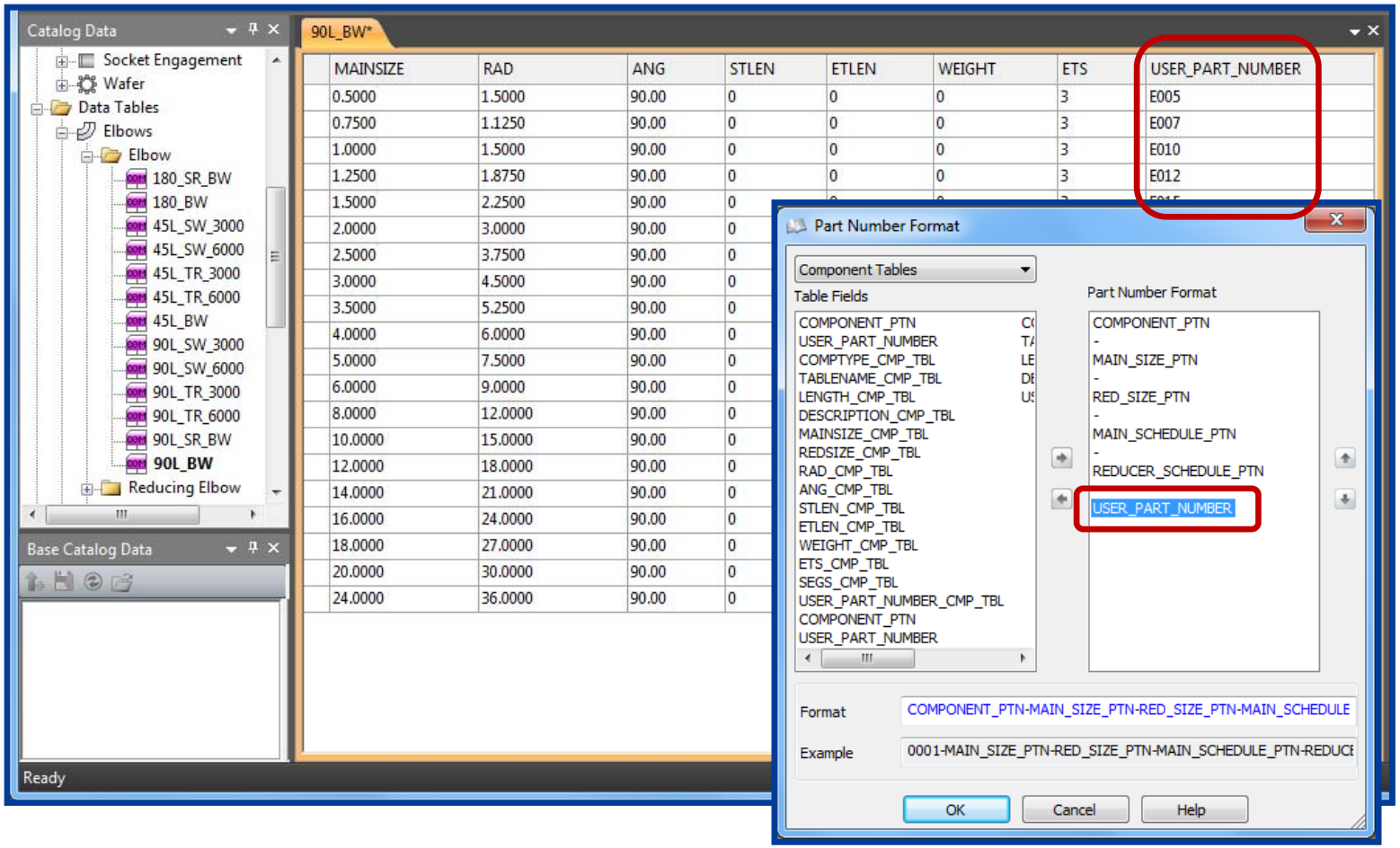
USER PART NUMBER COLUMN IN THE DATA TABLE



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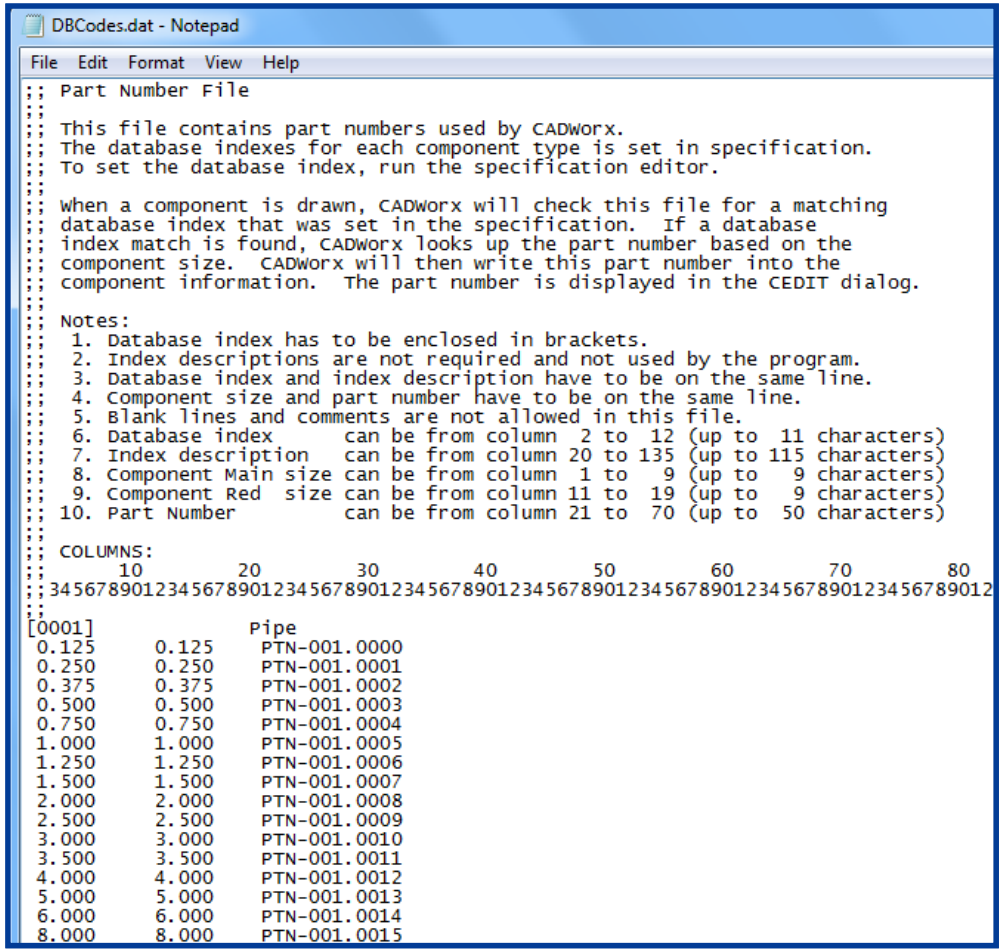
ADD THE USER PART NUMBER TO THE PART NUMBER SCHEMA



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Building Part Numbers

IMPORT CADWORX 2012 DBCodes.DAT



DBCodes.dat - Notepad

File Edit Format View Help

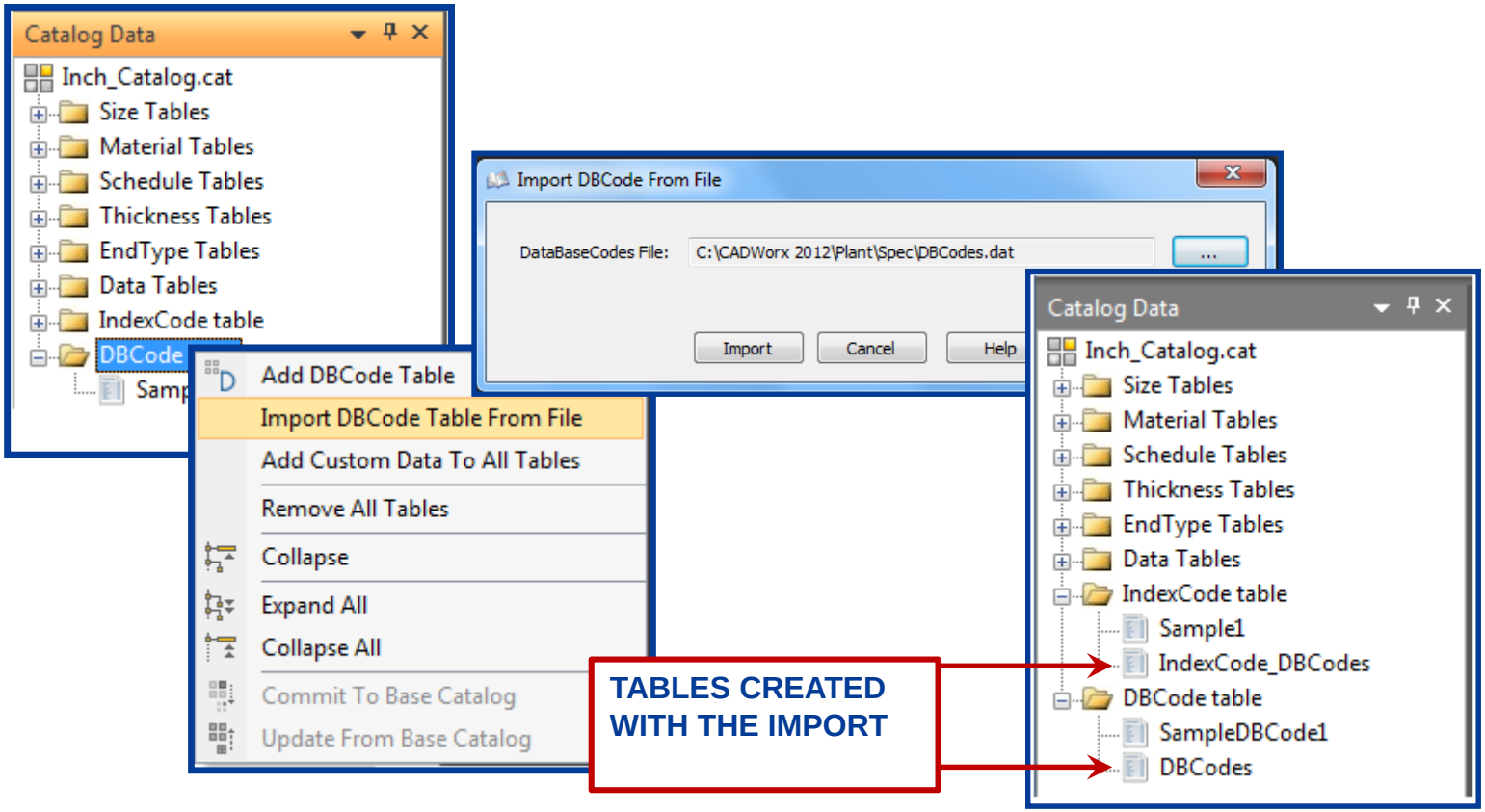
```
;; Part Number File
;;
;; This file contains part numbers used by CADWorx.
;; The database indexes for each component type is set in specification.
;; To set the database index, run the specification editor.
;;
;; When a component is drawn, CADWorx will check this file for a matching
;; database index that was set in the specification.  If a database
;; index match is found, CADWorx looks up the part number based on the
;; component size.  CADWorx will then write this part number into the
;; component information.  The part number is displayed in the CEDIT dialog.
;;
;; Notes:
;;  1. Database index has to be enclosed in brackets.
;;  2. Index descriptions are not required and not used by the program.
;;  3. Database index and index description have to be on the same line.
;;  4. Component size and part number have to be on the same line.
;;  5. Blank lines and comments are not allowed in this file.
;;  6. Database index      can be from column  2 to  12 (up to  11 characters)
;;  7. Index description   can be from column 20 to 135 (up to 115 characters)
;;  8. Component Main size can be from column  1 to   9 (up to   9 characters)
;;  9. Component Red  size can be from column 11 to  19 (up to   9 characters)
;; 10. Part Number         can be from column 21 to  70 (up to  50 characters)
;;
;; COLUMNS:
;;       10        20        30        40        50        60        70        80
;;345678901234567890123456789012345678901234567890123456789012345678901234567890123
;;
[0001]              Pipe
 0.125      0.125     PTN-001.0000
 0.250      0.250     PTN-001.0001
 0.375      0.375     PTN-001.0002
 0.500      0.500     PTN-001.0003
 0.750      0.750     PTN-001.0004
 1.000      1.000     PTN-001.0005
 1.250      1.250     PTN-001.0006
 1.500      1.500     PTN-001.0007
 2.000      2.000     PTN-001.0008
 2.500      2.500     PTN-001.0009
 3.000      3.000     PTN-001.0010
 3.500      3.500     PTN-001.0011
 4.000      4.000     PTN-001.0012
 5.000      5.000     PTN-001.0013
 6.000      6.000     PTN-001.0014
 8.000      8.000     PTN-001.0015
```

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Building Part Numbers

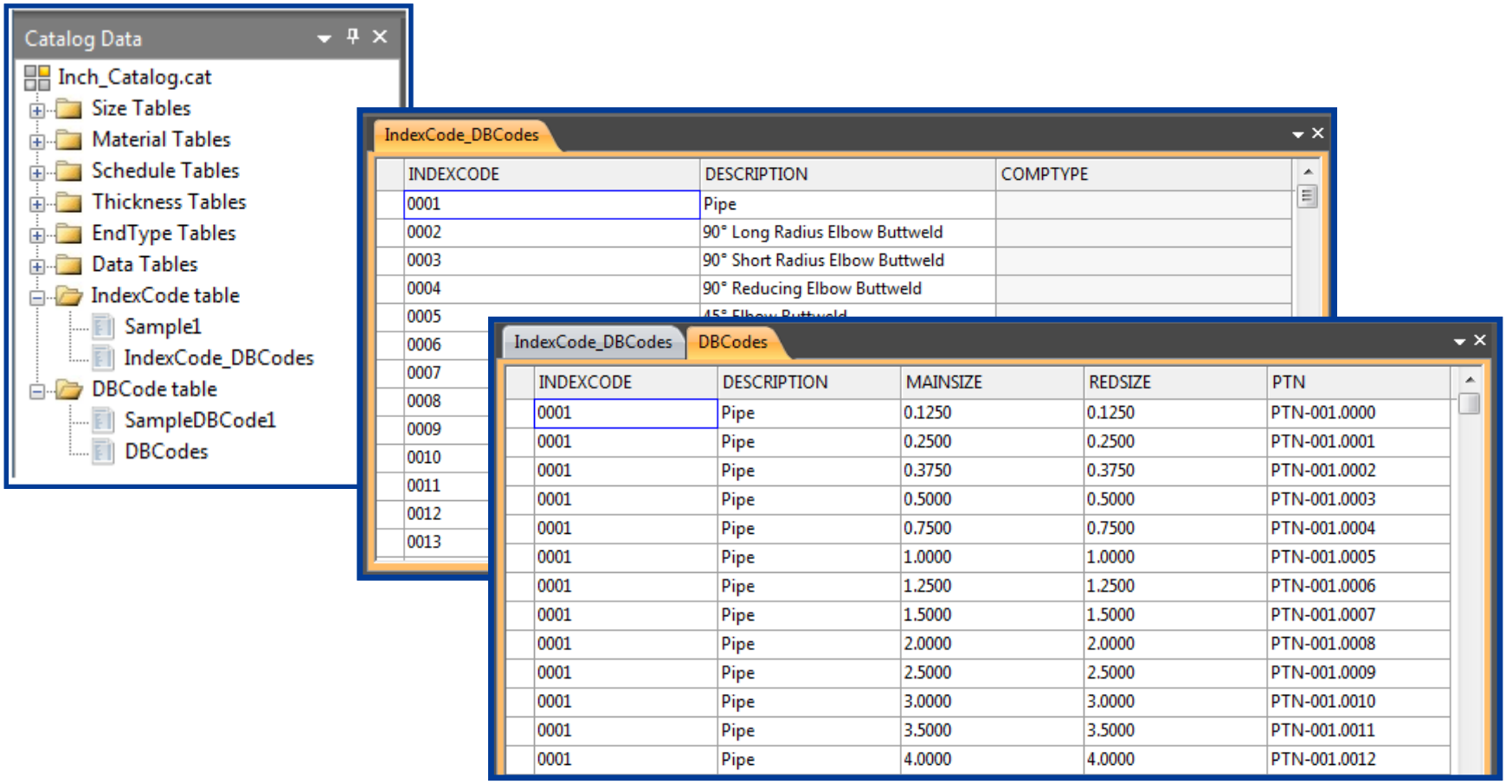
IMPORT CADWORX 2012 Dbcodes.DAT



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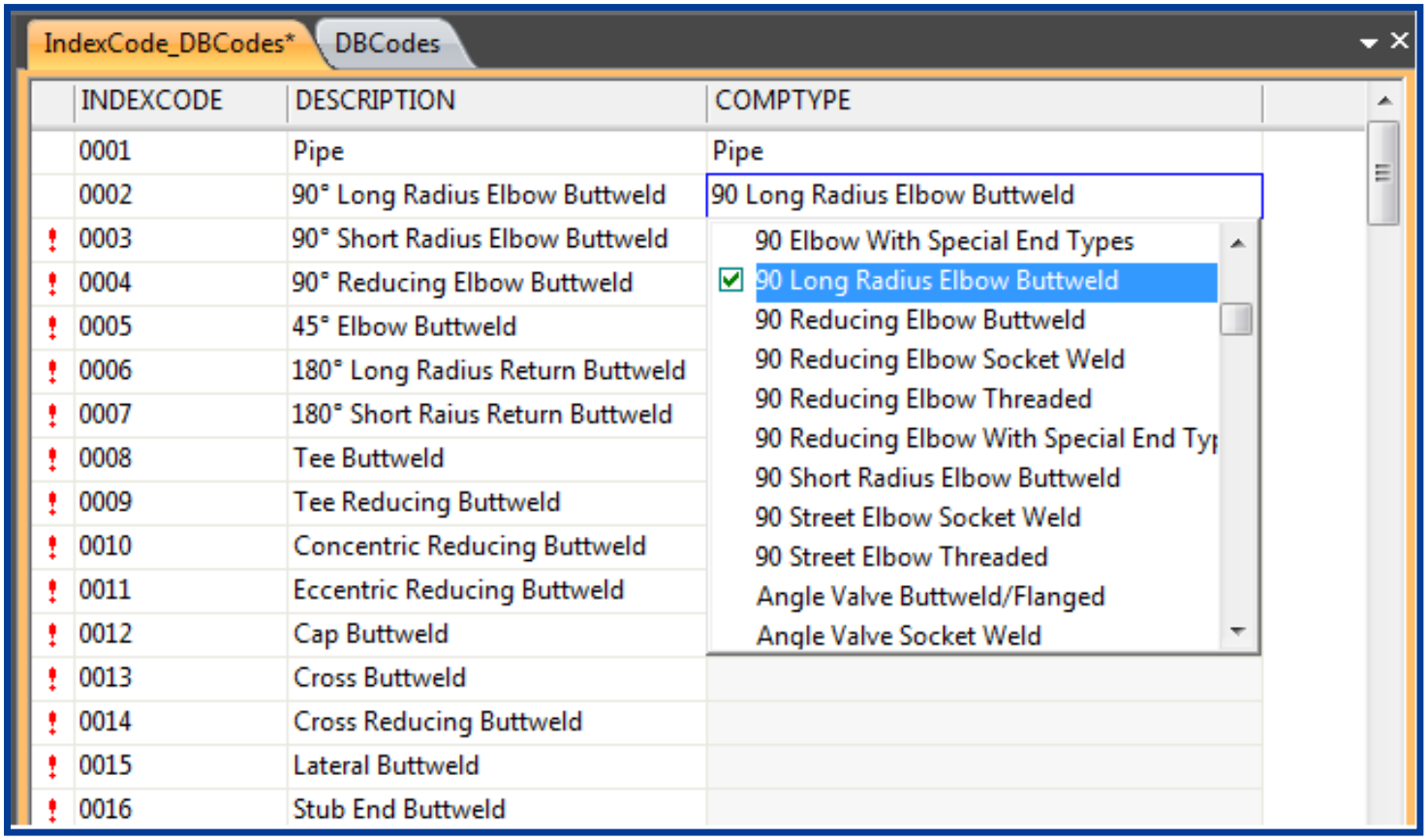
DBCodes TABLE AND IndexCode_DBCodes TABLES CREATED



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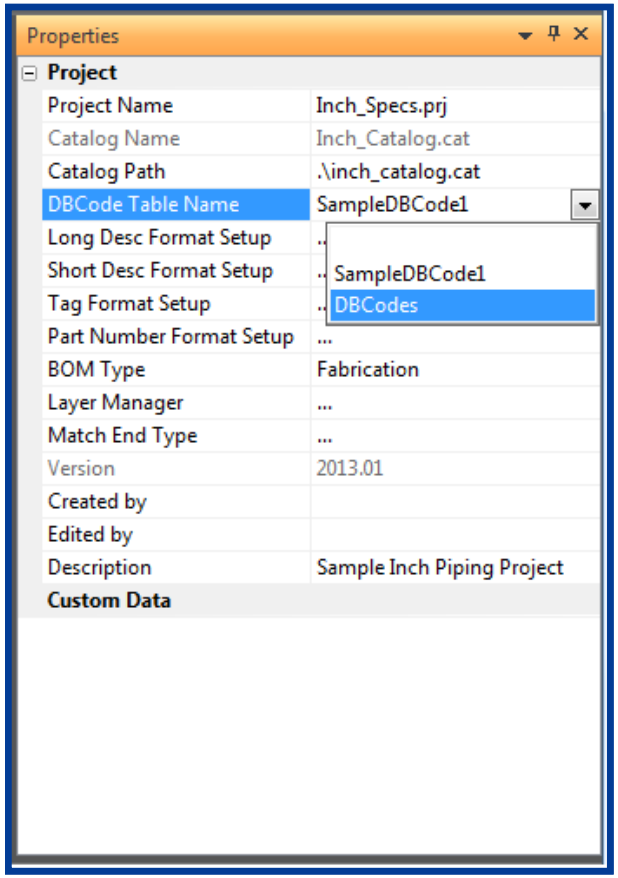
IDENTIFY THE COMPONENT TYPE IN THE INDEX CODE

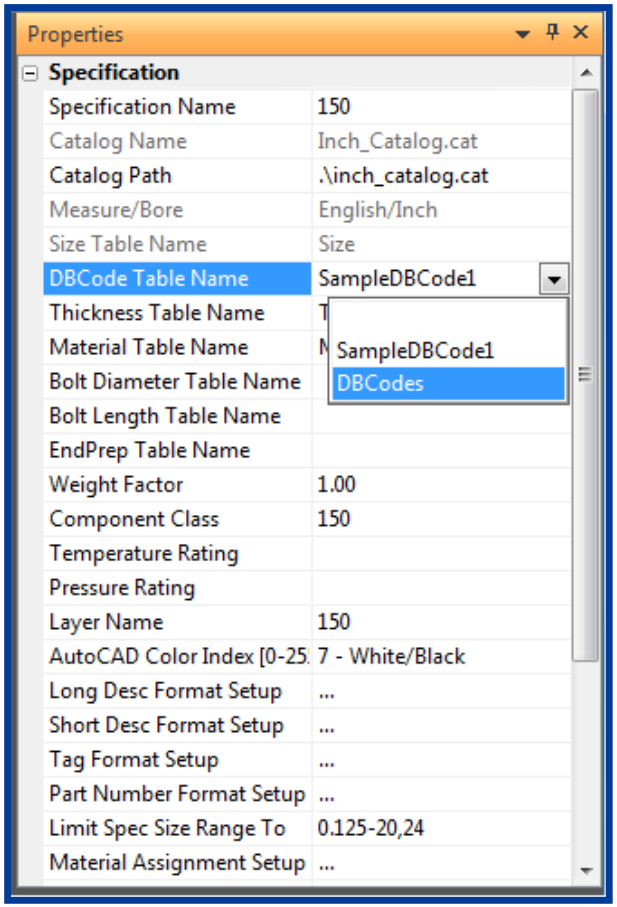


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SELECT THE Dbcodes TABLE FOR THE PROJECT OR SPECIFICATION

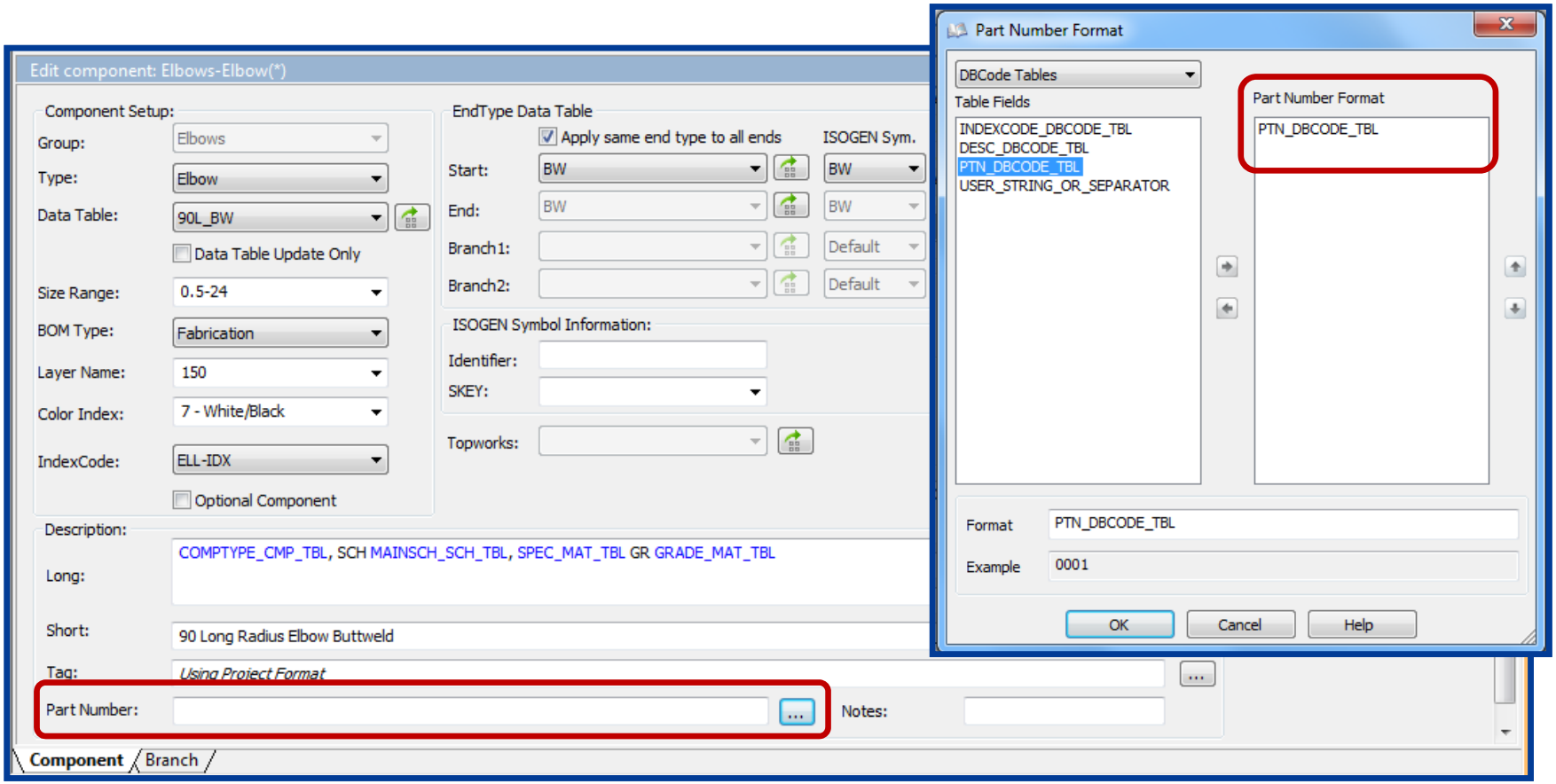




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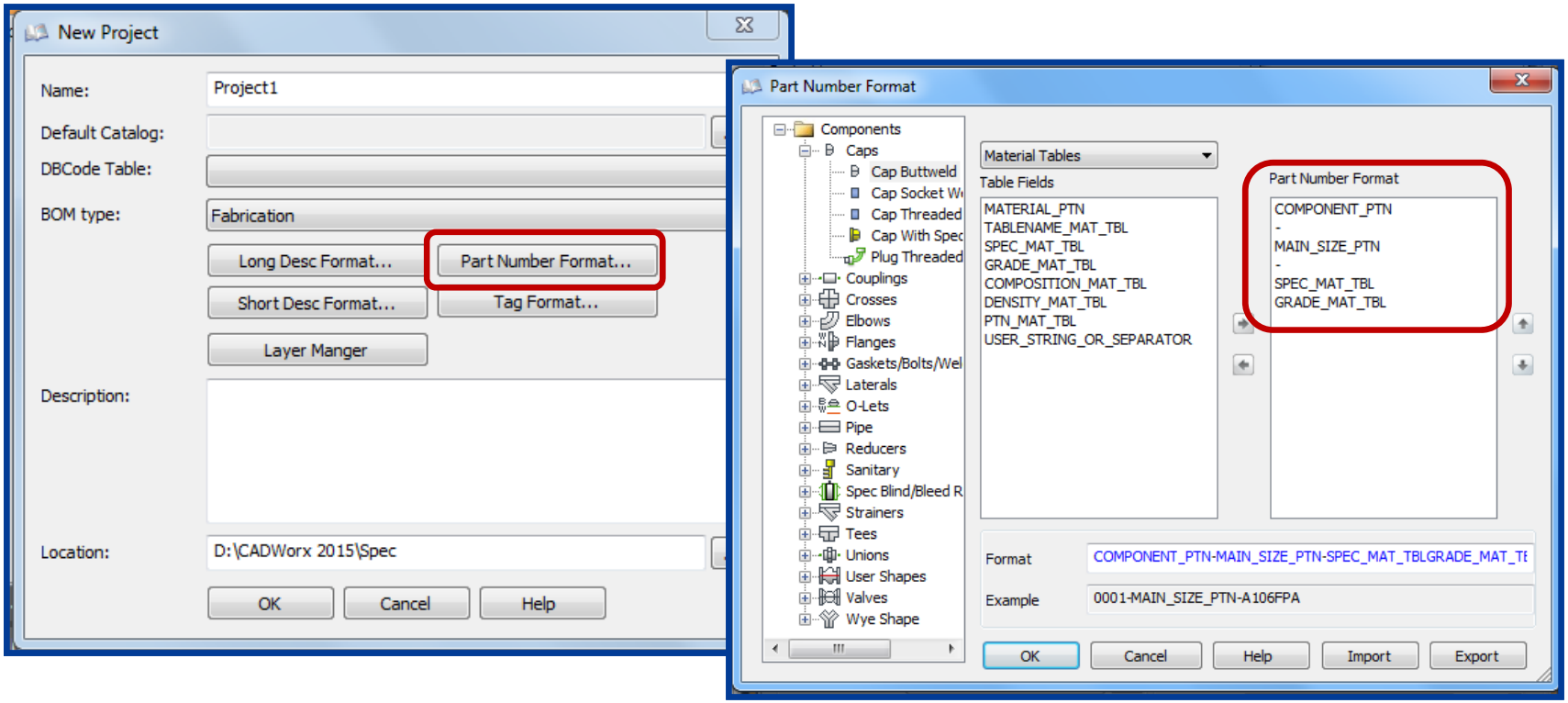
ADDING THE DBCODE TO THE PART NUMBER SCHEMA



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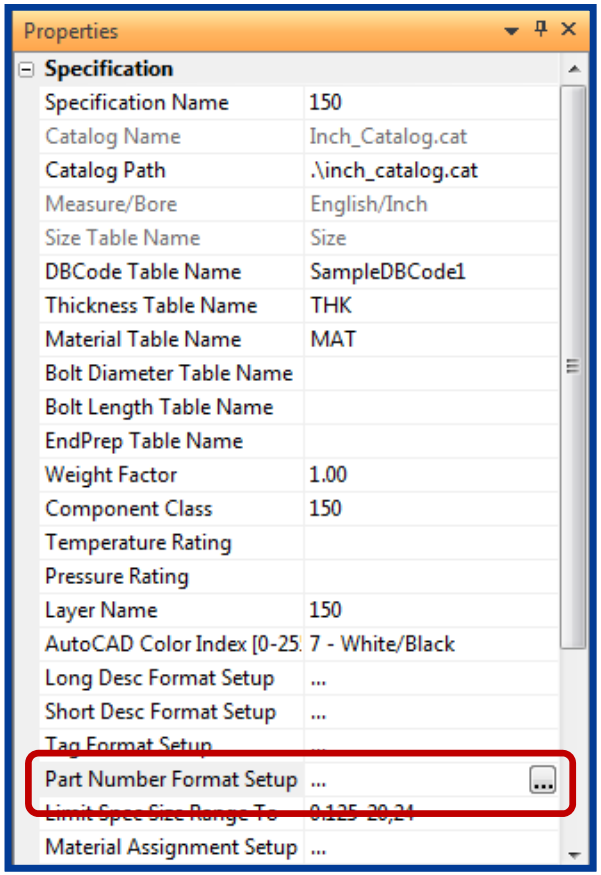
PART NUMBER SCHEMAS IMPLEMENTED AT THE PROJECT LEVEL

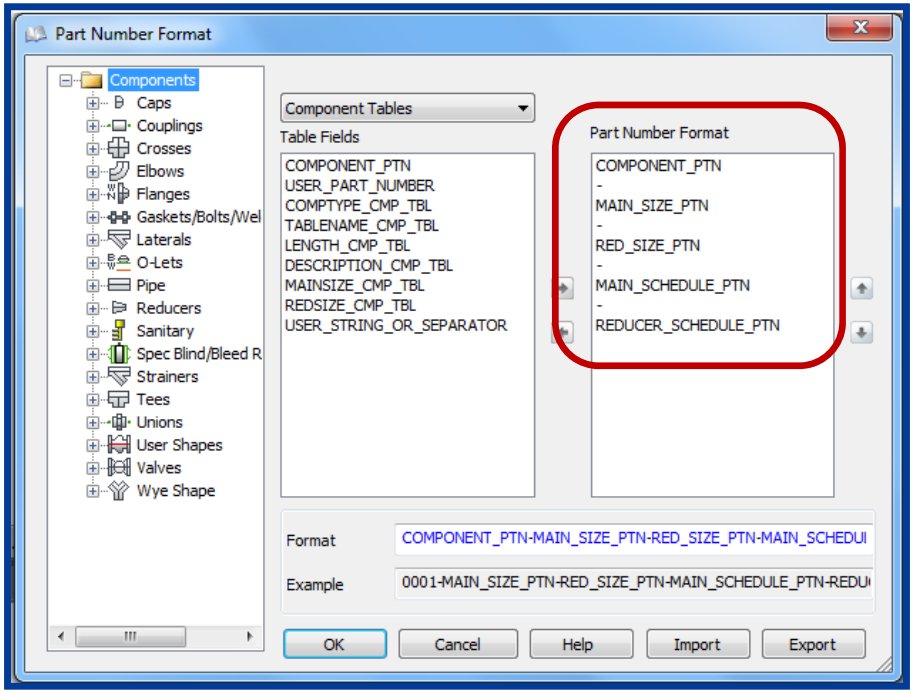


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PART NUMBER SCHEMAS IMPLEMENTED AT THE SPECIFICATION LEVEL

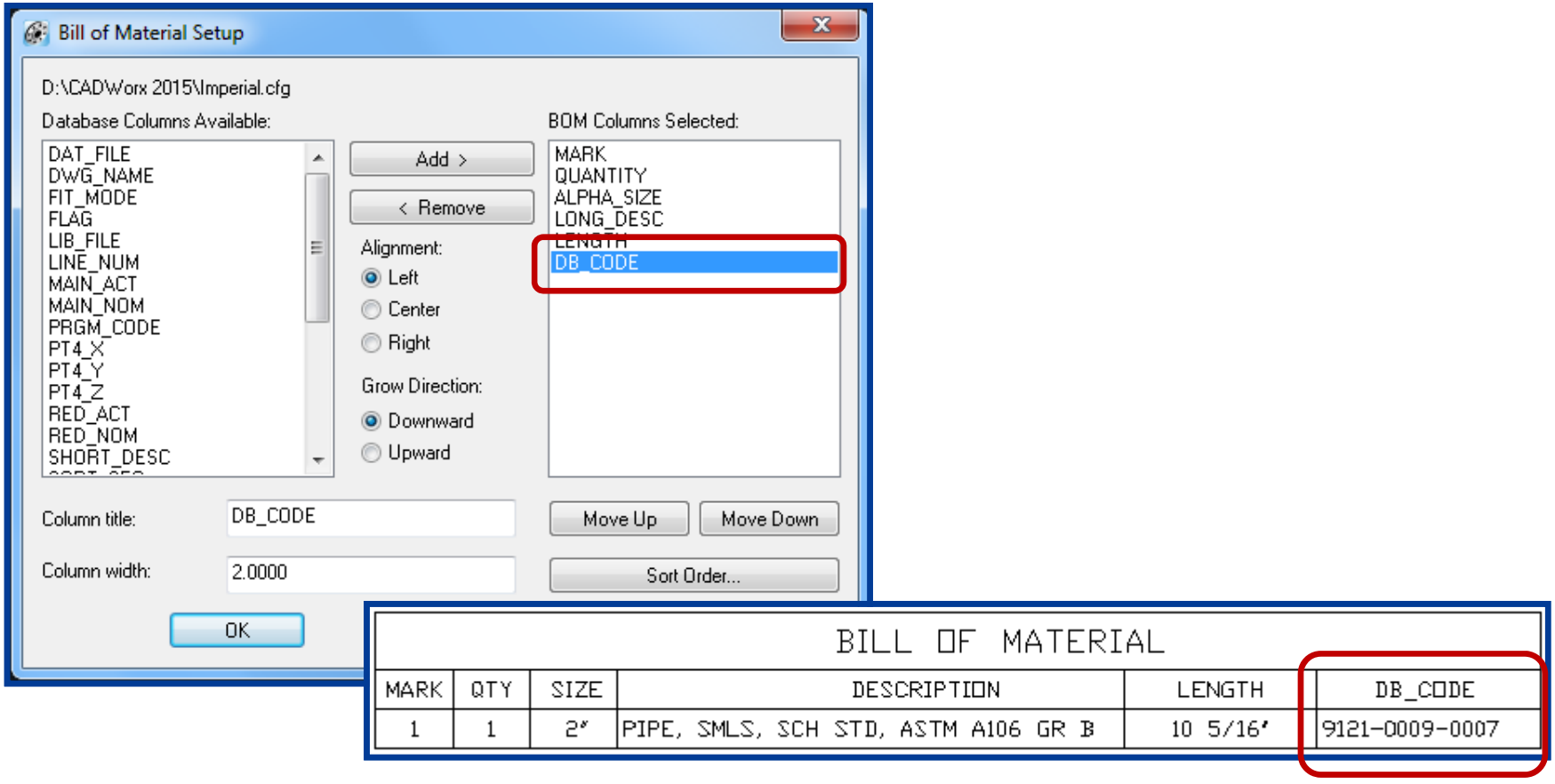




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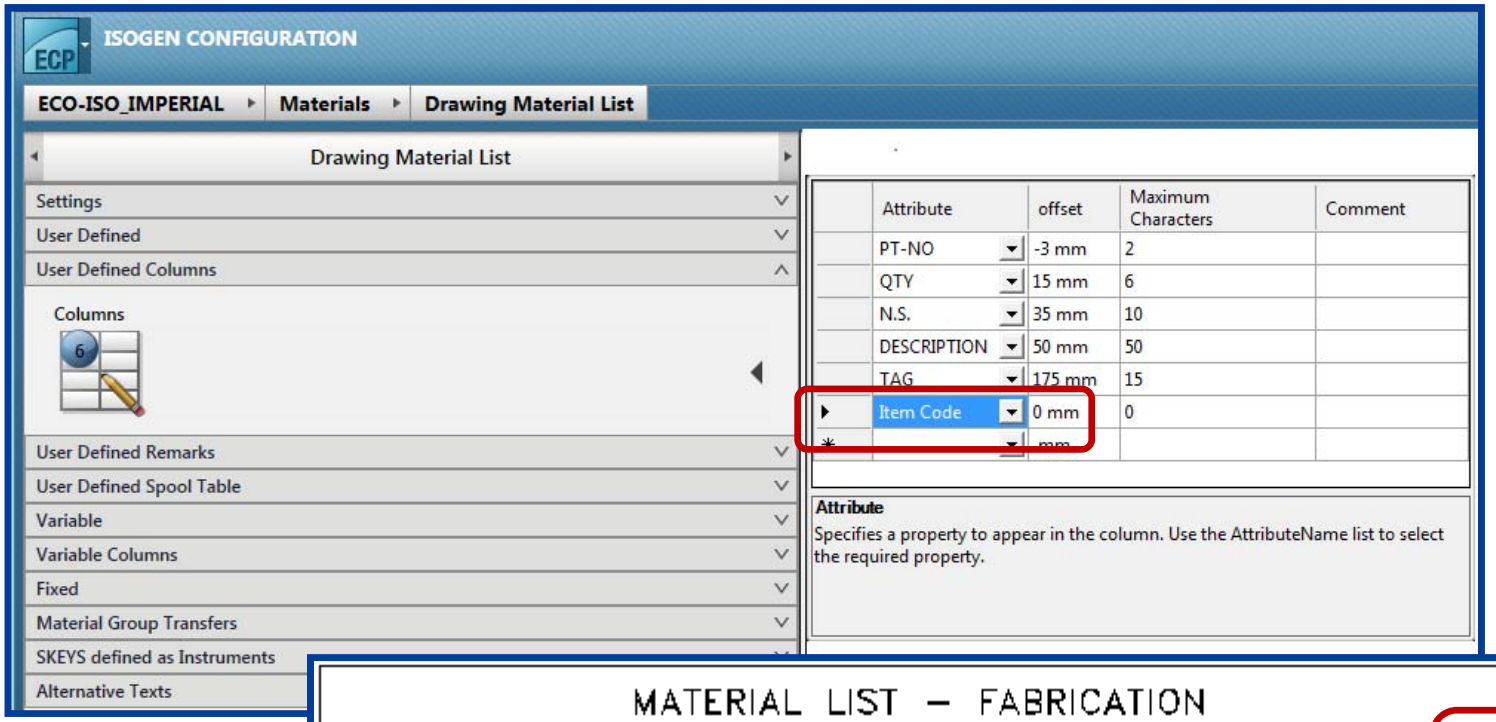
ADDING THE PART NUMBER TO THE CADWORX BILL OF MATERIAL



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ADDING THE PART NUMBER TO THE ISOGEN BILL OF MATERIAL



MATERIAL LIST – FABRICATION

ITEM	QTY	SIZE	DESCRIPTION	ITEM_CODE
1	0.7'	2	PIPE, SMLS, SCH STD, ASTM A106 GR B0009	9121-0009-0007

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