Step 1: Re-author the part. The part you posted didn't have the Nominal Size parameter mapped, so do that first.

ube & Pipe Authoring			د
Type Tubes	Connections		🗞 🔥 🚯
Define each connection a	and its engagement		
Connection Number	1 2		
End Treatment Other	•	Connection	Engagement
Parameter Nominal Size Schedule Number Inside Diameter Outside Diameter	Table Mapping required* Description ID Length Material	C Male C Female C Neutral	Distance inch Min % of Max
Type	Member Nominal Size OD Part Number Schedule		
ITEM-CODE Stock Number	Stock Number Vendor Description	ription	•
2			OK. Cancel

ibe & Pipe Authoring Type Tubes	Connections		, L B B
Define each connection a Connection Number	nd its engagement		
End Treatment Other	•	Connection	Engagement Max Distance
Parameter Nominal Size Schedule Number Inside Diameter Outside Diameter	Table Mapping Nominal Size Stock Number Description ID Length Material	Axis Male Female Neutral	0.130 inch Min 25.000 % of Max
ISOGEN Type ITEM-CODE Stock Number	Member Nominal Size OD Part Number Schedule Stock Number	cription]
2		[OK Cancel

Step 2: Change the Schedule Number mapping from Stock Number to Schedule.

Tube & Pipe Authoring		×
Type	onnections	s 🗞 🚯 🍪
Define each connection and its engagement Connection Number	2	
End Treatment Other	Connection	Engagement Max Distance
Parameter Table Mapp Nominal Size Nominal Size Schedule Number Stock Number Inside Diameter Description Outside Diameter ID Inside Diameter ID	ping Axis Male Female Neutral	0.130 inch Min 25.000 % of Max
ISOGEN Material Type Nominal Size OD Part Number ITEM-CODE Stock Number	scription	
Stock Number Vendor	<u></u> ^	Cancel

Step 3: Make sure you repeat step 2 for the second connection.

Step 4: Click OK to author the part. Then use the Publish Part command. This is the first box in the Publish Guide. Select your custom library. Click Next.

🛸 Publish Guide	×
Select Library to Publish to:	
Westech	
Select Language:	
English	
Cancel < Back Next > Publish	
	-

Step 5: Select the category to which you wish to publish. It will automatically default to the Tubes category because that is the type you selected when you authored the part. Publish it there or in any folder underneath the Tubes category. It must reside somewhere within this Tubes category. Click Next.

🗢 Publish Guide				×
Select Category to Publish to	:			
Cable & Harness Fasteners Fasteners Other Parts Shaft Parts Sheet Metal				<u> </u>
È ···È Structural Shapes D ···B Tube & Pipe D ···B ···B Hoses D ··B ··B Pipes D ··B ··B Pipes D ··B ··B ··B ··B ··B ··B ··B ··B ··B ··				
	Cancel	< Back	Next >	Publish

Step 6: This window maps the part parameters to the CC category parameters. Because the part was properly authored, you shouldn't have to do anything in this window. Just look it over to make sure there isn't anything funny going on. Click Next.

🛸 Publish Guide	×
Map Family Columns to Category Parameters:	
Category Parameters	Table Columns
InnerDiameter[1]	ID 💌
InnerDiameter[2]	ID 🔹
NominalSize[1]	Nominal Size 🗾
NominalSize[2]	Nominal Size
OuterDiameter[1]	OD 🗾
OuterDiameter[2]	OD 🗾
ISOGEN Description	Description [Project]
ITEM-CODE	STOCKNUMBER
ScheduleNumber[1]	Schedule
ScheduleNumber[2]	Schedule
Cancel	<back next=""> Publish</back>

Step 7: This window is where you choose your keys. These are the parameters by which the user will select the item when it is placed from the CC. Because you have set OD as a key column in your iPart table, it automatically shows up as a key. This will do, so click Next.

🛁 Publish Guide		×
Publish Guide Define Family Key Columns: Table Columns: Description [Project] ID Length Material [Physical] Member Nominal Size Part Number [Project] Schedule Stock Number [Project] Vendor [Project]	Key Columns:	×
	Cancel < Back Next > Pu	blish

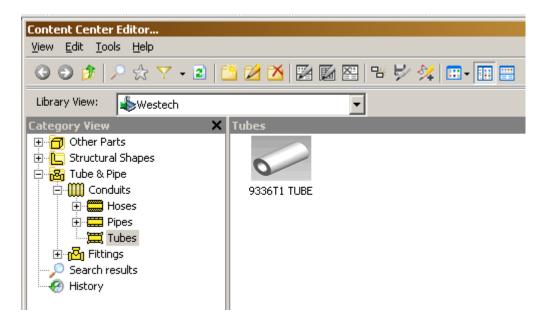
Step 8: Here is where you set up the family in the CC library. Give the family name (which shows up in the CC editor), its description, and the name of the folder in which the files will be saved in the Content Center Files folder on your local drive when the parts are created. This was good enough for testing purposes, so I clicked Next.

🔫 Publish Guide	×
Set Family Properties:	
Family Name:	
9336T1 TUBE	
Family Description:	
TUBING, POLYETHYLENE WHITE	
Family Folder Name:	
9336T1 TUBE	
Standard Organization:	Manufacturer:
	_
Standard:	Standard Revision:
_	
Cancel	< Back Next > Publish

Step 9: Set the thumbnail to whatever you wish or use the default. Click Publish. As you can see, it published successfully.

📫 Publish Guide		×
Set Family Thumbnail Image:		
0	Publish Publish completed successfully.	
Load Alternate Thumbnail Im C:\Users\CWHETTEN.000\A	OK iontent Center\P	
	Cancel < Back Next > Publish	

Step 10: Open the CC Editor and check to make sure the part ended up where you wanted it. Close the CC Editor.



Step 11: Create a new style in the Tube & Pipe Styles editor. Double click the empty Pipe cell and select the tube that you just published. It brings it in just fine without any errors.

$f_x \rightarrow B = \{ c \in C : x \in C \}$	Autodesk Inventor Professional 2011	Assembly1.ia
	: Started Add-Ins Pipe Run 📼 🔹	
▶ Image Image <td< td=""><td></td><td></td></td<>		
🛅 Tube & Pipe Styles		×
	General Rules	
Active Style	Name Category	
ASTM B 88-ASME B16.22 - Soldered Copper Tubing	Components	
	Fitting Family Standard Pipe 933611 TUBE Coupling Coupling Image: Coupling Image: Coupling Image: Coupling Image: Coupli	Y
	Save	Close

Step 12: On the Rules tab, set up your rules. These are just numbers I threw at it for testing purposes. Hit the Save button, and wait a minute for it to save.

$\underbrace{\mathbb{V}}_{\mathbf{r}} = \mathbf{P} \cdot \mathbf{P} = \begin{bmatrix} \mathbf{P}_{\mathbf{r}} & \mathbf{P}_{\mathbf{r}} & \mathbf{P}_{\mathbf{r}} \\ \mathbf{P}_{\mathbf{r}} & \mathbf{P}_{\mathbf{r}} \end{bmatrix} + \mathbf{P} \text{color} \mathbf{P} = \mathbf{f}_{\mathbf{r}} + \mathbf{P}$	Autodesk Inventor Professional 2011 Assembly1.ia
PRO Assemble Design Model Inspect Tools Manage View Environments Vault C	Get Started Add-Ins Pipe Run 🖙 +
🛗 Tube & Pipe Styles	×
	General Rules
Active Style	Segment Length
ASTM B 88-ASME B16.22 - Soldered Copper Tubing	0.500 in
E C Rigid Pipe with Fittings	Maximum
Tubing with Bends	100.000 in
Exible Hose	Increment
	0.060 in
	Bend Radius Default Radius
	2.000 in
	SaveClose

Step 13: Here you can see that the style has been successfully saved and set to Active. I didn't actually try to use it, but at least I got it to author, publish, and set up successfully.

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	Started Add-Ins Pipe Run 🖙 🔹	
Route Content Manage Parameters Exit		-
🛅 Tube & Pipe Styles		×
	General Rules	
Active Style	Name Category	
Tube	Components	<u>_</u>
E Rigid Pipe with Fittings	Fitting Family Standard	
Tubing with Bends ASTM B 88-ASME B16.22 - Soldered Copper Tubing	M 9336T1 TUBE	
Cobe Fexible Hose	Coupling	
	•	- F
	Diameter	
	Nominal OD/ID	
	Diameter Schedule	
	0.5 in ANSI	
	Component Color	
	As Material	
2	Save	Close
		//.