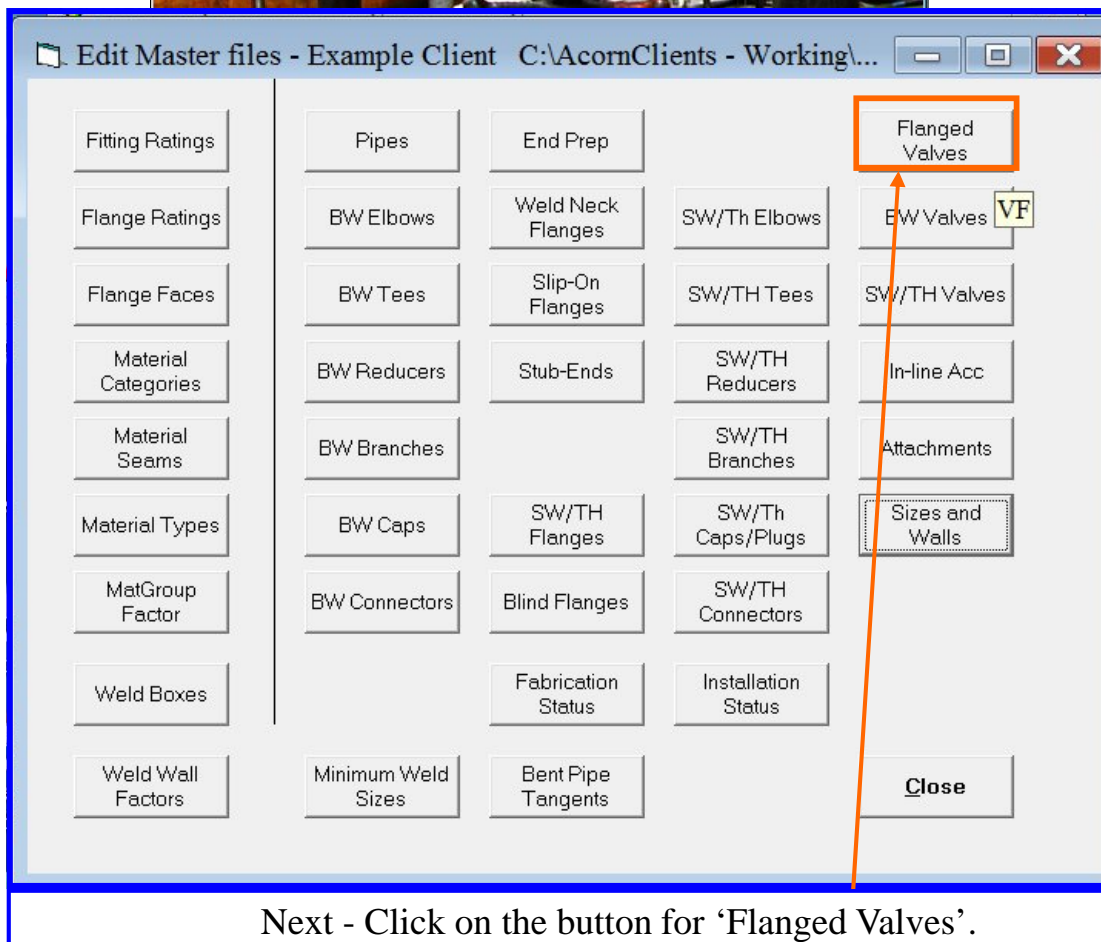


# Adding a Flanged Strainer to the 'Flanged Valves' Master Files:

In order to Edit the Master Files, Click on the main program screen to select 'Edit' - 'Master Files'.



Next - Click on the button for 'Flanged Valves'.

## Adding a Flanged Strainer to the 'Flanged Valves' Master Files:

In Master Files, Open the Flanged Valves Master File.

To view the blank lines, click on the button, "Show Unused Rows".

Then click into a blank line. Below I have used the letter O. You can use any blank description line.

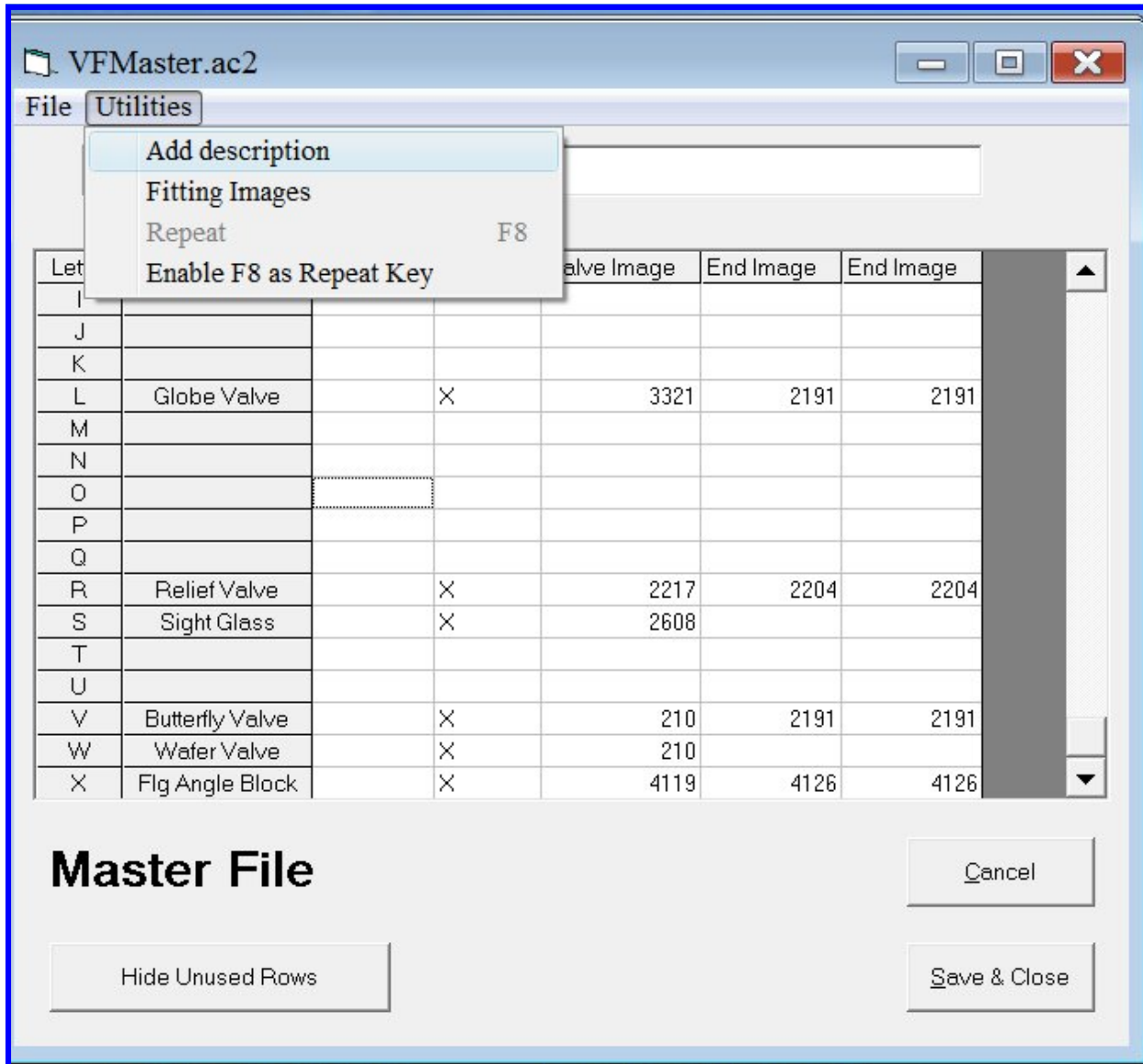
With the line highlight around the column, click on the menu item "Utilities", found at the top of this screen.

Choose 'Add Description'.

In the Add Description line which opens, type: 'Flanged Strainer', and click OK.

The box will close, and the description "Flanged Strainer" will be on the selected line.

Mine is on Line O.



For these valves, the 'Handling Column is left blank.

Click into the cell at Flanged Strainer, under 'In Use' so that the cursor is placed in the cell.

Place an X in the column by tapping the spacebar with the cursor in this cell.

The screenshot shows the 'VFMaster.ac2' application window. The title bar includes standard window controls (minimize, maximize, close). Below the title bar is a menu bar with 'File' and 'Utilities'. A search field contains the text 'Welded Valves Template'. The main area features a table with the following data:

Letter	Description	Handling	In Use?	Valve Image	End Image	End Image
I						
J						
K						
L	Globe Valve		X	3321	2191	2191
M						
N						
O	Flanged Strainer		X			
P						
Q						
R	Relief Valve		X	2217	2204	2204
S	Sight Glass		X	2608		
T						
U						
V	Butterfly Valve		X	210	2191	2191
W	Wafer Valve		X	210		
X	Flg Angle Block		X	4119	4126	4126

Below the table, there is a 'Master File' section with a 'Hide Unused Rows' button. On the right side, there are 'Cancel' and 'Save & Close' buttons. The 'In Use?' cell for 'Flanged Strainer' is highlighted with an orange border and contains an 'X'.

Next: Click into the 'Valve Image' cell across from the Flanged Strainer.  
 Double click this cell which will display the images for all the flanged valves.  
 Click on the 'Strainer Image', and the number which represents this image will  
 be placed into the image column. In this case the image number is 3026.

The screenshot shows a software interface with a dialog box titled "Choose Image for Flanged Strainer <0>". The dialog box contains a grid of 20 valve symbols, each with a label below it. The symbols are arranged in a 4x5 grid. The labels are: Gate Valve, Ball Valve, Large Valve, Small Gate Valve, Small Ball Valve, Small Valve, Wafer/Butterfly Valve, Check Valve, Relief Valve, 3-Way Matrix Valve, 4-Way Matrix Valve, 4-Way Matrix Paralle, Flanged Sight Glass, Pig Closure, Strainer (circled in orange with the number 3026), Globe Valve, Steam Trap, Needle Valve, Plug Valve, and Block Angle.

To the right of the dialog box is a "Master File" window. It contains a table with columns for "End Image" and "End Image". The table has several rows of data, including values like 2191, 2204, 2191, 2191, 4126, and 4126. Below the table are buttons for "Cancel", "Save & Close", and "Hide Unused Rows".

Next Click into the cell across from the Strainer description, and double click to display the ‘End Images’ available.

Click on the end image for the first end.

I have selected ‘Valve Flanged End’. When I click on the image the image number is transferred to the file, as below. This image is #2191.

Click into the cell to set the second end image.

Once again I picked the ‘Valve Flanged End’ (#2191)

Next select the ‘Save & Close’ button.

The screenshot displays two windows from a software application. The top window, titled "Choose Valve End Image for Flanged Strainer <2191>", shows a grid of 14 valve end image options. The "Valve flanged End" option is highlighted with an orange circle. The bottom window, titled "Master File", contains a table with the following data:

Letter	Description	Handling	In Use?	Valve Image	End Image	End Image
I						
J						
K						
L	Globe Valve		X	3321	2191	2191
M						
N						
O	Flanged Strainer		X	3026	2191	2191
P						
Q						
R	Relief Valve		X	2217	2204	2204
S	Sight Glass		X	2608		
T						
U						
V	Butterfly Valve		X	210	2191	2191
W	Water Valve		X	210		
X	Fig Angle Block		X	4119	4126	4126

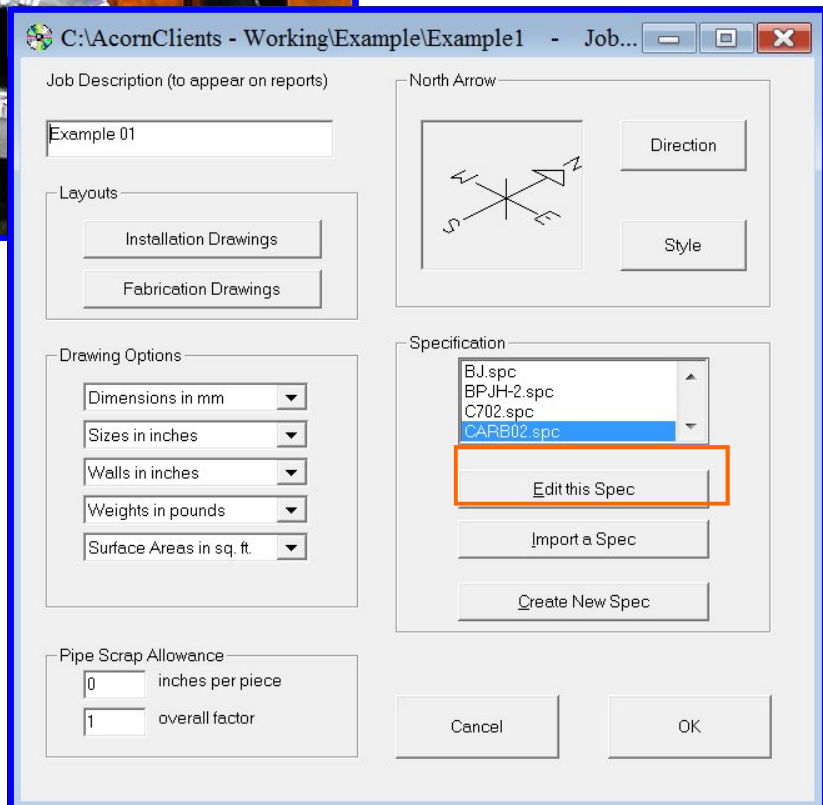
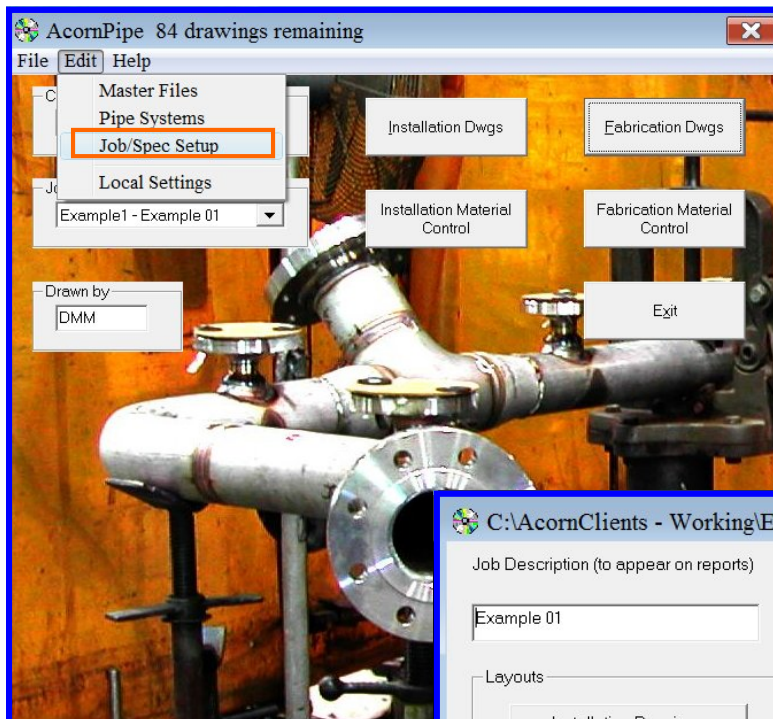
At the bottom of the Master File window, there are buttons for "Cancel", "Save & Close", and "Hide Unused Rows".

After creating a new fitting, it is a good idea to exit the program before you use the new fitting.

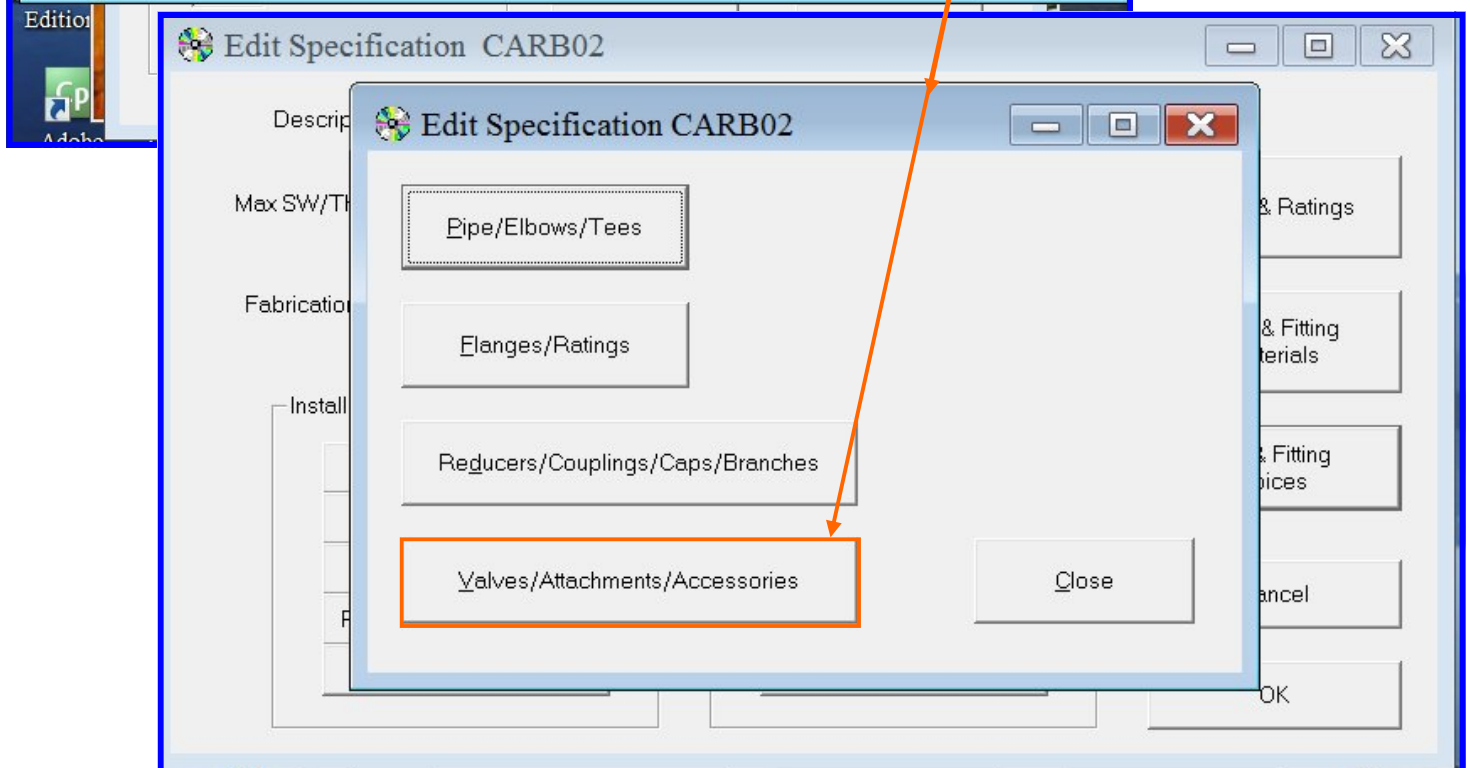
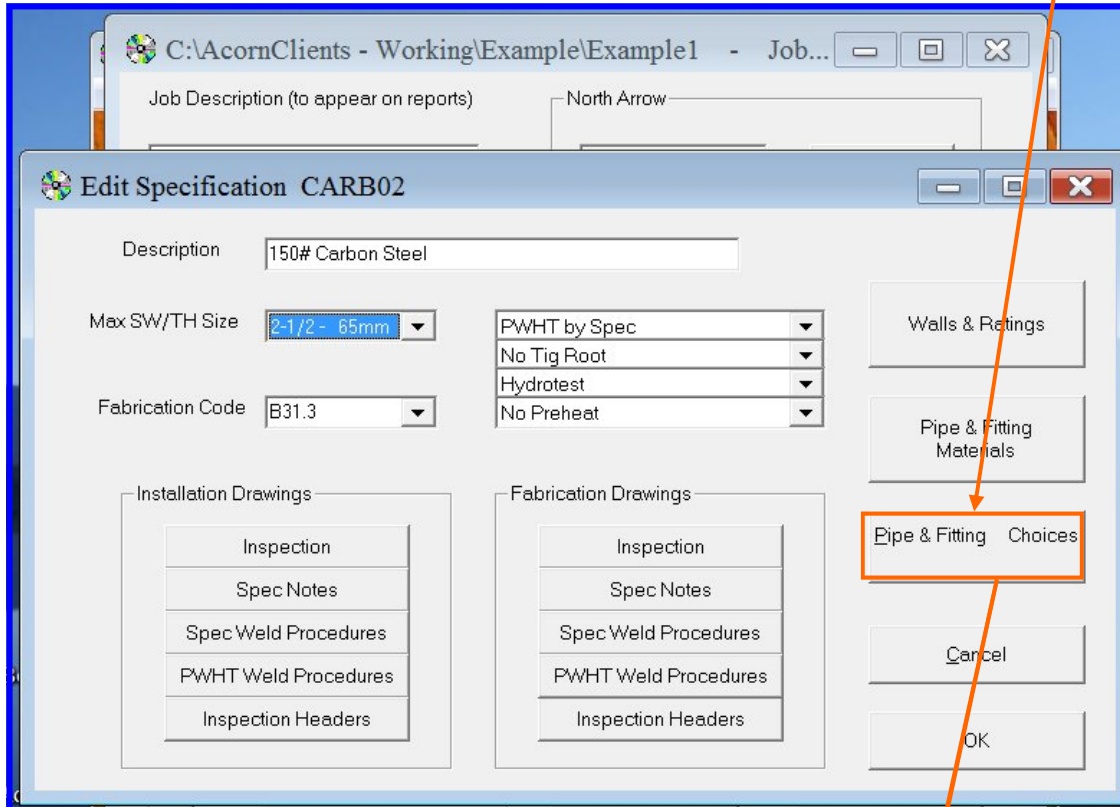
Return to the main AcornPipe screen, and click on 'Edit', and select 'Job/Spec Setup'.

At the next screen, select the spec where you want to turn on the fitting 'Flanged Strainer', which will make the fitting available to use in this specification.

Click on 'Edit This Spec'.



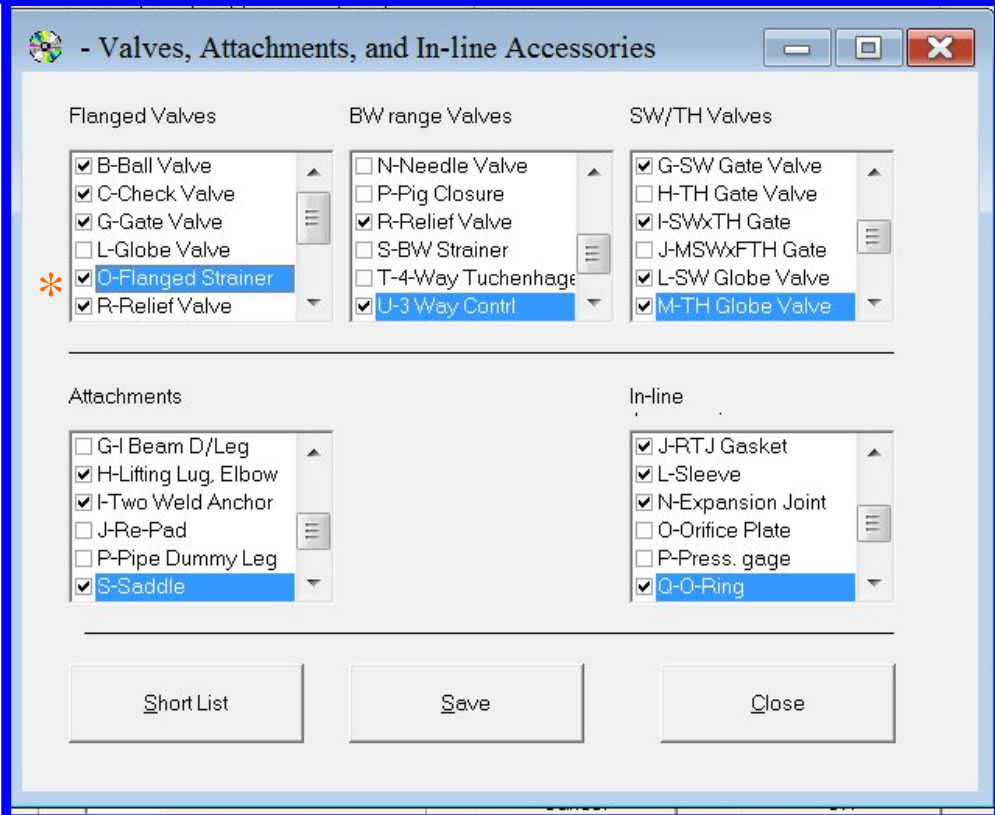
At the Edit Specification screen select 'Pipe & Fitting Choices',  
Then choose to access the button:  
'Valves/Attachments/Accessories'



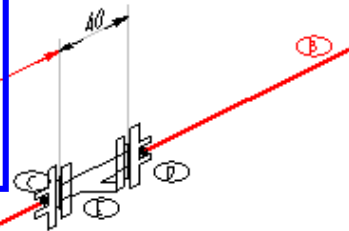
Click into the box next to the Flanged Strainer to select the fitting.

There will be a checkmark displayed next to the fittings which are turned on in this spec.

**Remember: There is a maximum of 9 turned on in any one category.**



Back in the drawings, with the CARBO2 spec selected, I draw the 'flanged strainer'. I picked 'don't know yet' when asked for the dims on the pipe.



Heat No.	ITM	QTY	A106-B SMLS Pipe	
	A	1	2" XS(.218) BE x PE	No Dim
	B	1	2" XS(.218) PE x PE	No Dim
			Total length 0	
A234-WPB Flanges				
	C	1	2" 150# RF SW Flange	XS
	D	1	2" 150# RF SW Flange	XS
Valves				
	E	1	2 inch Flanged Strainer	

Above: Bill of Material displays the Flanged Strainer.