If you get a message "No wall thickness choices available in system file", you can fix it as follows:

1

- 1. Edit the spec.
- 2. Choose Pipe and Fitting Choices as shown below.

| Description 150# Carbon Ste | el with BIG GAP | | |
|--|--|-----------------------------|--|
| Max SW/TH Size 1-1/2 - 40mm | PWHT by Spec Tig Root on ALL Welds | Walls & Ratings | |
| Fabrication Code ASME B31.3 | No Hydro Preheat All Wlds | Pipe & Fitting Materials | |
| Installation Drawings | Fabricanon | - | |
| Inspection | Inspection | Pipe & Fitting Choices | |
| | Spec Notes | | |
| Spec Notes | | Cancel | |
| Spec Notes Spec Weld Procedures | Spec Weld Procedures | Cancel | |
| Spec Weld Procedures PWHT Weld Procedures | Spec Weld Procedures PWHT Weld Procedures | Cancel | |

3. Choose Pipe/Elbows/Tees as shown below.



4. Choose BW Sizes & Walls as shown below.

| SW/TH Pipe (smaller sizes) | SW/TH Elbows | SW/TH Tees | |
|----------------------------------|---|---|--------------------|
| P-Pipe ▼ SW/TH Sizes & Walls | G-SW Elbow H-TH Elbow L-Lokring Elbow | C-Lokring Tee D-Lokring Red. F-SW Tee G-SW Red. Tee I-TH Tee J-TH Red. Tee ▼ | <u>S</u> hort List |
| BW Pipe (larger sizes) P-Pipe | BW Elbows | BW Tees | |
| | SR Elbow | S-Sweep Tee T-Vict #30 Later U-Vict #30 Red | <u>S</u> ave |
| BW Sizes & Walls | ☐ I-ID Elbow ☐ J-Tube Bend ☐ L-Elbow Bell En: ▼ | V-Vict #20 Tee W-Red. Cross ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | <u>C</u> lose |

5. Expand or maximize the wall choices window. You need to make at least one wall thickness available to the spec. This is done by double clicking on the column header as shown.

| le | | | | | | | | | | | | |
|-------|-------------------|----------------|----------|----------|--------|-----------|----------|------------|---------|------------|------------|------------|
| Pipe | e Sizes and Thick | knesses Choice | es. | | | | | | | | | |
| 1 | | | | | | | | | | | | |
| NPS | DN (Metric) | D-Sch 20s | E-Sch 20 | F-Sch 30 | G-SH | H-Sch 40s | I-Sch 40 | J-Sch 60 | K-XS | L-Sch 80s | M-Sch 80 | N-S 🔺 |
| 1/2 | 15 | 0 | 0 | 0 | 0.10.9 | 0.109 | 0.109 | 0 | 0.147 | 0.147 | 0.147 | |
| 3/4 | 20 | 0 | 0 | 0 | 0.113 | 0.113 | 0.113 | 0 | 0.154 | 0.154 | 0.154 | _ |
| 1 | 25 | 0 | 0 | 0 | 0.13 | 133 | 0.13 | 0 | 0.179 | 0.179 | 0.179 | |
| 1-1/4 | 32 | 0 | 0 | 0 | 0.14 | 0. 1 | 0.14 | 0 | 0.191 | 0.191 | 0.191 | |
| 1.1/2 | 40 | 0 | 0 | 0 | 0.145 | 0.145 | 0 145 | i 0 | 0.2 | 0.2 | 0.2 | |
| 2 | 50 | 0 | 0 | 0 | 0.154 | 0.154 | 0. | | | | | _ |
| 2.1/2 | 65 | 0 | 0 | 0 | 0.203 | 0.203 | 0. | Double o | lick o | n a colum | nn header | |
| 3 | 80 | 0 | 0 | 0 | 0.216 | 0.216 | 0. | to hold t | ho co | lump and | make the | . + |
| 3-1/2 | 90 | 0 | 0 | 0 | 0.226 | 0.226 | 0. | | ne co | iumn anu | i make una | at |
| 4 | 100 | 0 | 0 | 0 | 0.237 | 0.237 | 0. | size avail | able t | o the spe | ec. | |
| 5 | 125 | 0 | 0 | 0 | 0.258 | 0.258 | 0. | If you bo | ld a c | olumn by | mistake, | |
| 6 | 150 | 0 | 0 | 0 | 0.28 | 0.28 | C | double c | lick ar | nain to ur | bold it | |
| 8 | 200 | 0.25 | 0.25 | 0.277 | 0.322 | 0.322 | 0. | uouble c | IICK au | jain to ui | ibolu it. | |
| 10 | 250 | 0.25 | 0.25 | 0.307 | 0.365 | 0.365 | 0. 5 | | | | | _ |
| 12 | 300 | 0.25 | 0.25 | 0.33 | 0.375 | 0.375 | 0.406 | 0.562 | 0.5 | 0.5 | 0.688 | |
| 14 | 350 | 0.312 | 0.312 | 0.375 | 0.375 | 0.375 | 0.437 | 0.593 | 0.5 | 0.5 | 0.75 | |
| 16 | 400 | 0.312 | 0.312 | 0.375 | 0.375 | 0.375 | 0.5 | 0.656 | 0.5 | 0.5 | 0.843 | |
| 18 | 450 | 0.312 | 0.312 | 0.438 | 0.375 | 0.375 | 0.562 | 0.75 | 0.5 | 0.5 | 0.937 | |
| 20 | 500 | 0 | 0.375 | 0.5 | 0.375 | 0.375 | 0.593 | 0.812 | 0.5 | 0.5 | 1.031 | |
| 22 | 550 | 0 | 0.375 | 0.5 | 0.375 | 0.375 | 0 | 0.875 | 0.5 | 0.5 | 1.125 | |
| 24 | 600 | 0 | 0.375 | 0.562 | 0.375 | 0.375 | 0.687 | 0.968 | 0.5 | 0.5 | 1.218 | |
| 26 | 650 | 0 | 0.5 | 0.625 | 0.375 | 0.375 | 0 | 0 | 0.5 | 0.5 | 0 | - |
| • | | | | | | | | | | | | + |
| | | | | | | | | | | | | |
| DIA | Laizaa | | | | | Units | | | | | C | |
| DYY | sizes | | | | | Inch | | | | | Lance | |
| | | | | | | C mm | | | | | | |
| | Ca. 11 | | | | | | | | | | C | 222 |
| 1 | Hide Unused Rol | NS | | | | | | | | | Save & U | ose |

6. Save & Close

7. You can now define Walls & Ratings and Pipe & Fitting Materials for the spec.

| Description 150# C | arbon Steel with | BIG GAP | |
|--|------------------|------------------------------|-----------------------------|
| Max SW/TH Size 1.1/2 . | 40mm 💌 | PWHT by Spec | Walls & Ratings |
| Fabrication Code ASME E | 331.3 👻 | No Hydro Preheat All Wids | Pipe & Fitting Materials |
| Installation Drawings | | - Fabrication Drawings | |
| Inspection | | Inspection | Pipe & Fitting Choices |
| Spec Notes Spec Weld Procedures PWHT Weld Procedures Inspection Headers | | Spec Notes | |
| | | Spec Weld Procedures | |
| | | PWHT Weld Procedures | <u>L</u> ancel |
| | | Inspection Headers | |