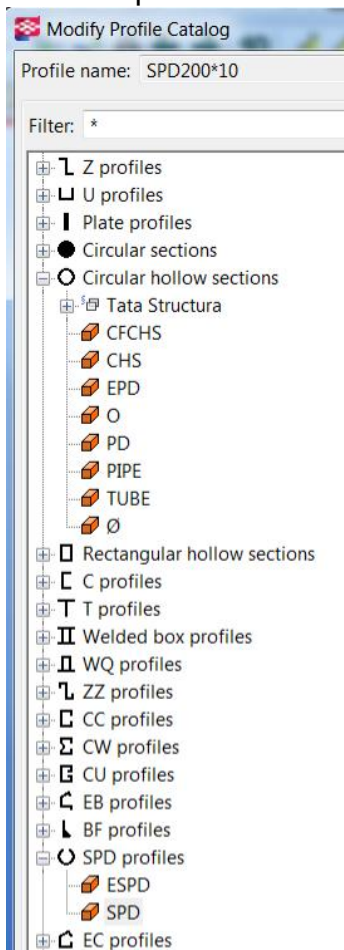


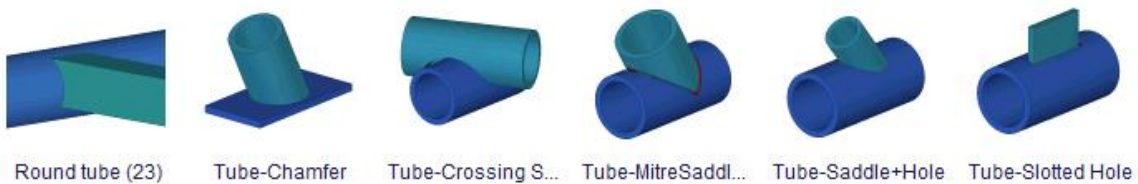
## How to create Pipe Development Drawing

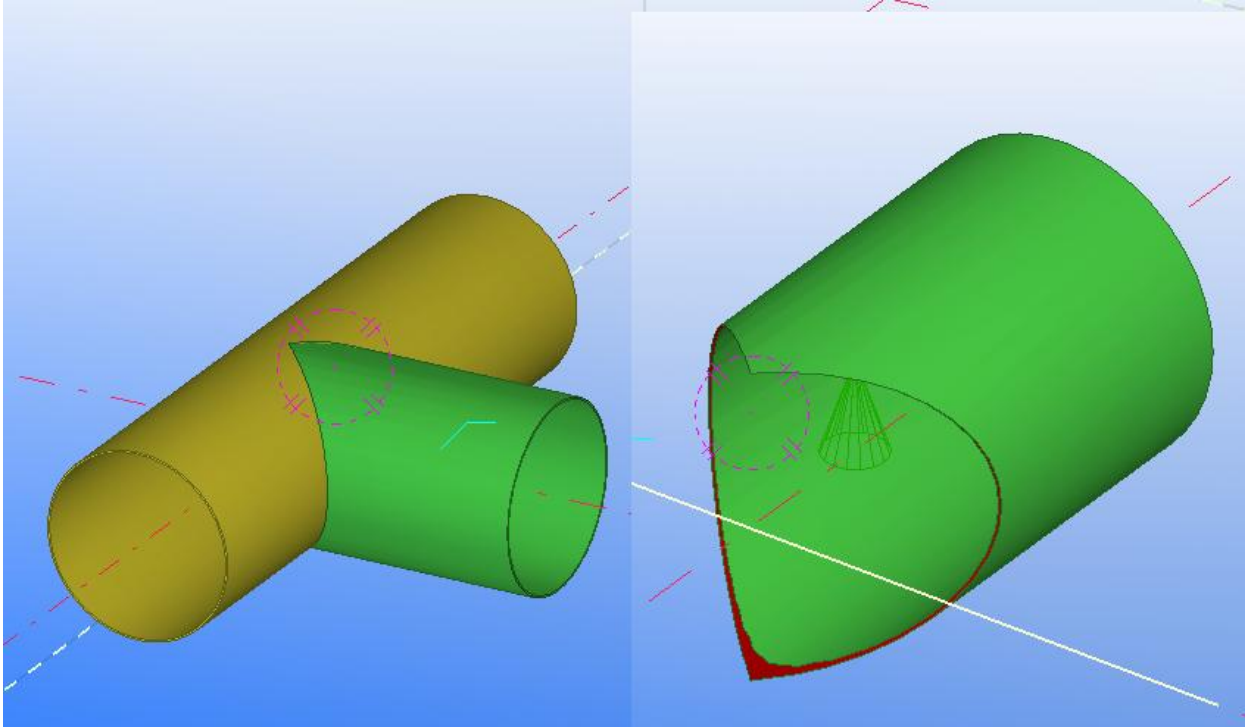
Following procedure explains how one can create pipe development drawing with dimensions from Tekla Structures.

### 1) Create Pipe/tubular members with PD or SPD profiles



### 2) Create connections at node using Tekla System macros. Ex. - Round Tube(23) or Tube plug-ins.





- 3) Create Single part drawing using **IND-Development** setting.

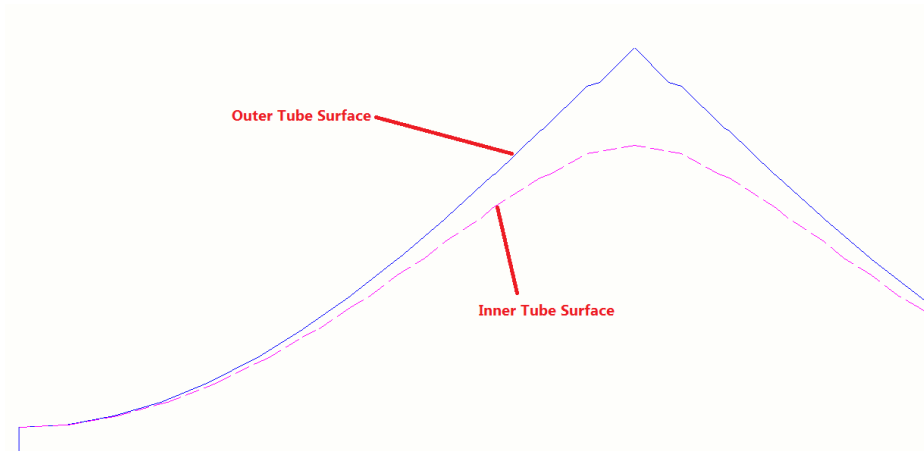


- 4) Go to view properties → Set view scale etc & rotate view if required to orient it different way.

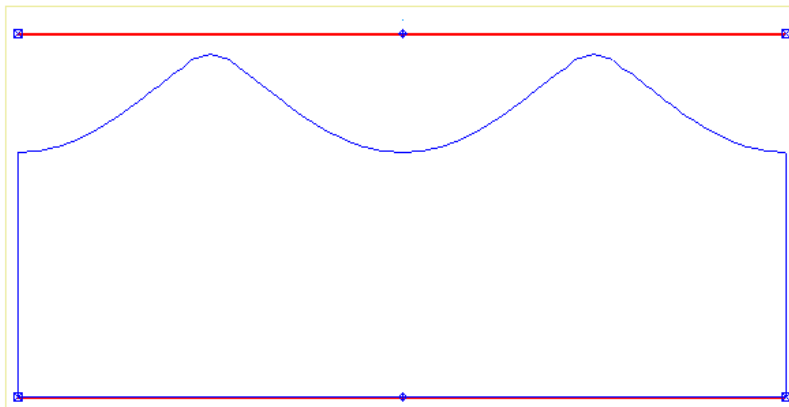
### **Dimensioning Wrap around**

1. Tekla Structures individually draws the inner and outer surfaces of tubes that are thicker than value set using below variable,

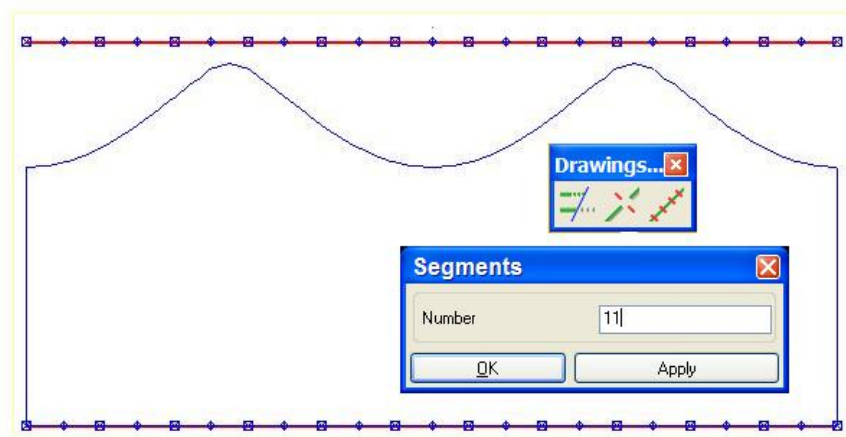
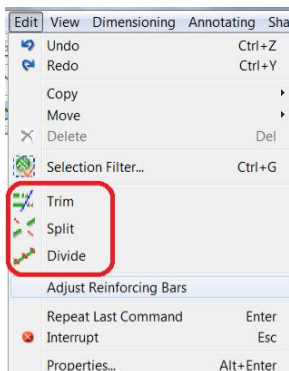
set `XS_TUBE_UNWRAP_LIMIT_THICKNESS =16.0`



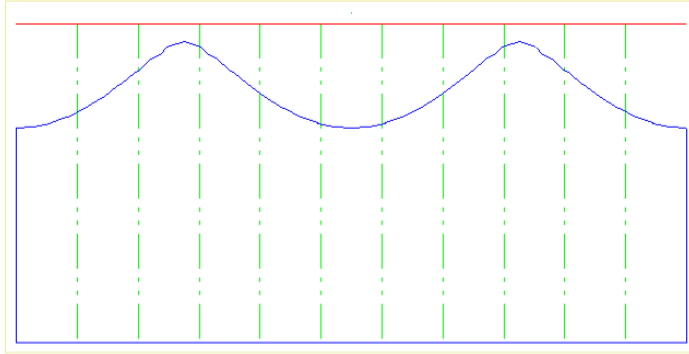
2. Draw line at bottom edge & copy it at top using copy command with "ortho" switched on.



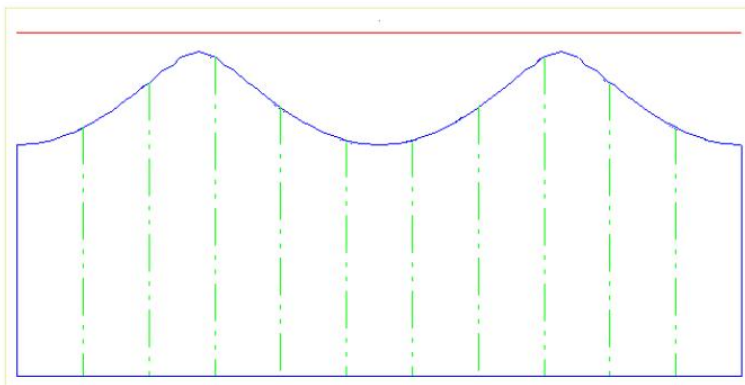
- 5) Use divide command to split line in required number of equal parts.



6) Switch on only end point snap & create vertical generator lines.



7) Use Trim command to trim generator lines along curve.



8) Use horizontal & vertical dimension command to complete development dimensioning. Repeat same steps for dimensioning inner surface.

