

First circle

Center: 
$$(1+\delta,0) \leftarrow (x_{1C_1},0)$$

$$XI = X_{IC} + \cos \varphi$$

Fillet circle

Center 
$$(0, Y_{fc}) \longrightarrow (0, (1+\delta) tank_{i})$$

Radius: 
$$\frac{(1+\delta)}{\cos \theta}$$
 - 1

=) Need to join this to second circle

## # sccond crocle

center: 
$$((R_{\xi} + R_{\chi}) \cos \theta, 0) \leftarrow (\chi_{C_2}, 0)$$