



$\beta \times p = 0.625$ for a kaon with $p = 0.750$

This gives $r\text{-}\phi$ resol. ~ 35 micron

Assuming thick is factor of two (is less but) then

Thick will be $\sqrt{2} \times 35 = 50$ micron

I won't guarantee these numbers if the SSD and/or IST are not there!!!!