

# TPC end plate cooling tube routing

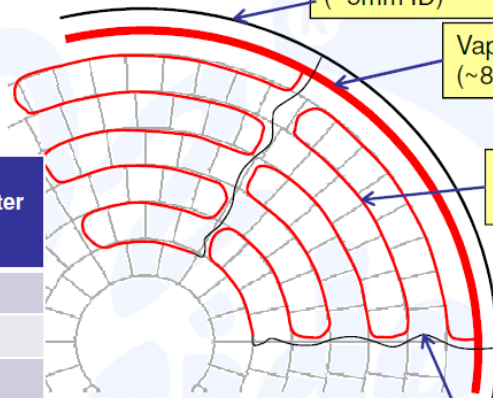
Possible layout of the 6 loops option

Liquid supply ring (~5mm ID)

Vapor return ring (~8mm ID)

Cooling tube (~2.5mm ID)

Inlet capillary (~1mm ID)



	Qty Frames / loop	Heat load per loop (W)	Tube length (m)	Inner diameter (mm)
1 loop	200	1000	48m	6.2
2 loops	100	500	24m	4.3
4 loops	50	250	12m	3
6 loops	34	171	8m	2.2

Similar to AMS-TTCS