Sensitive Volume	
Inner Diameter	8 cm
Outer Diameter	12 cm
Length	20 cm
Pad Dimensions	
ΔZ	5 mm
$\Delta\varphi$	4mm (3.5˚)
Number of Readout Pads	4120
Z Rows	40
φ Rows	103
Readout Surface Area	40 x 20 cm^2
Readout Time Bins	
STAR TPC	200 ns
ALICE (ALTRO)	40 ns
Event Readout Time	
STAR TPC	10 ms
ALICE (ALTRO chip)	< 5µs
Gas Composition	
Target	7 atm. D_2
Moller Region	1 atm. He
Tracking Volume	*80% He, 20% DME*
Sensitive Gas Volume	
I.D.	8 cm
O.D.	13 cm
Volume	1.65 liters
Drift Gas Properties	*(Note: preliminary)*
Drift Velocity	~2 cm/µs
Lorentz Angle	20˚ at 2 Tesla
Electric Field	*estimated*
At Drift Electrode	1500 V/cm
At GEM	1000 V/cm
Drift Voltage Drop	2433 V
GEM ΔV_{max}	2x500 V
Induction ΔV_{max}	2x800 V
Total Voltage Drop	5033 V
GEM Parameters	
VIP ionization	~20 to 50 x Minimum Ionizing
Required GEM Gain	~250
Available GEM Gain	>400 in single GEM
Ionization charge	~40 cm^{-1} at min-I
	~800 cm^{-1} for 100 MeV/c p
GEM Thickness	50µm Kapton / 10µm Cu