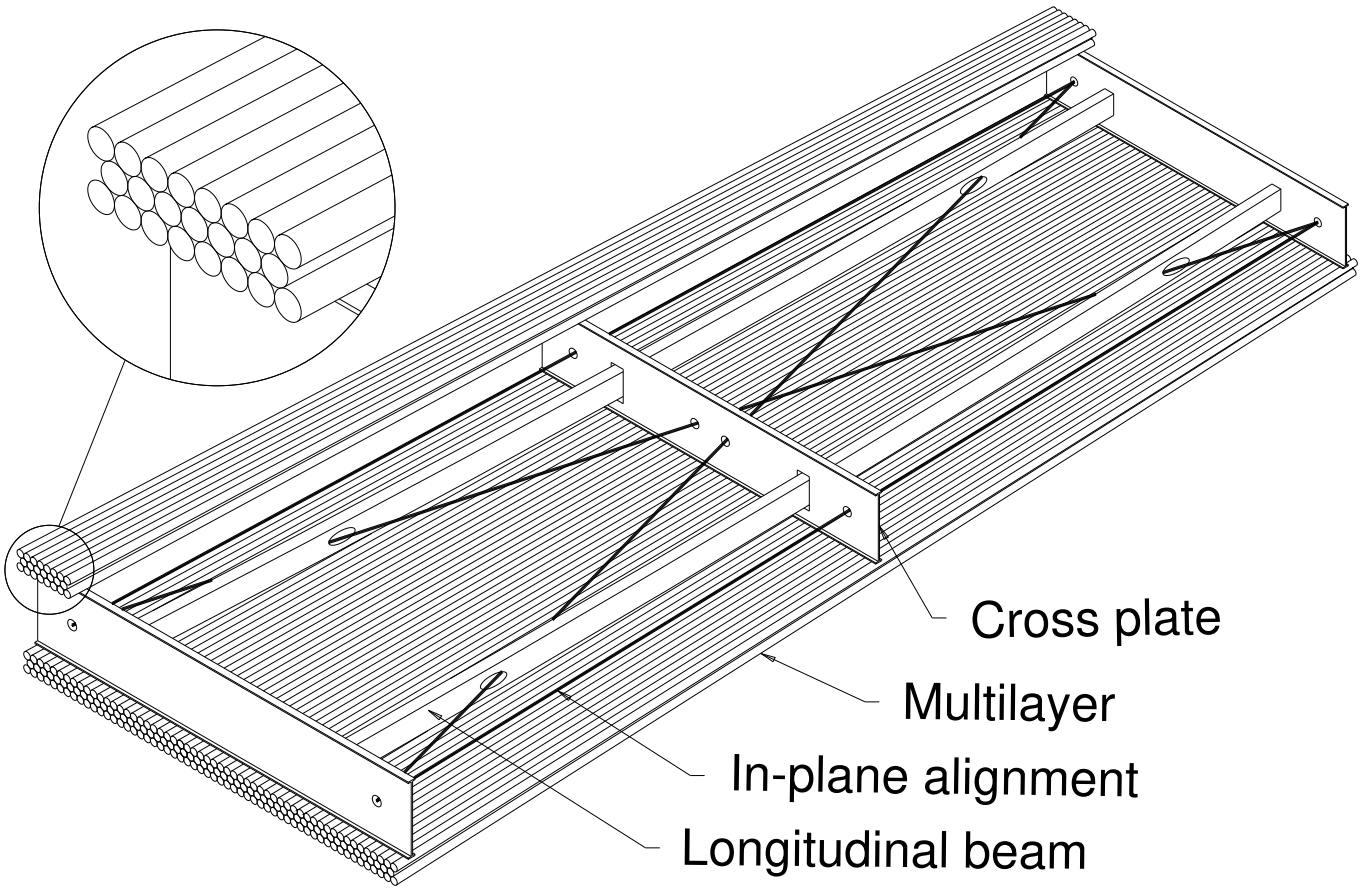
Monitored Drift Tube Chambers



Operating parameters	
Gas mixture	$Ar : CO_2$ $(93 : 7)$
Gas pressure	3 bar
Gas gain	2×10^4
Maximum drift time	680 ns
Chamber precision	
Single-tube resolution	≤ 80 μm rms
Wire position/tube	≤ 10 μm rms
Wire position/chamber	≤ 20 μm rms
Chamber position resolution	≤ 40 μm rms
$\Delta p_T/p_T(6 - 1000$ GeV)	$2 - 10\%$