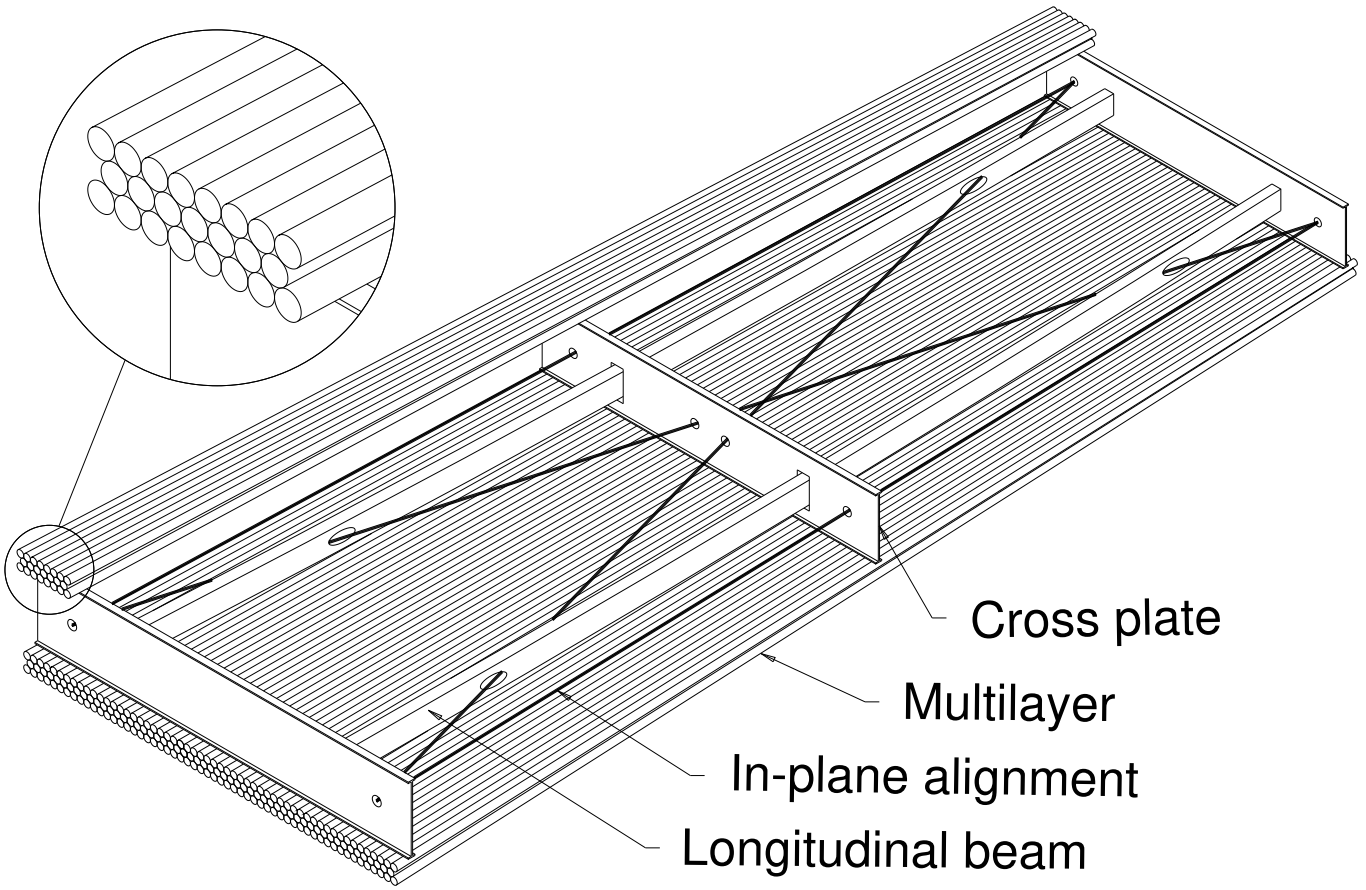
Monitored Drift Tube Chambers



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	$\leq$ 80 μm rms
Wire position/tube	$\leq$ 10 μm rms
Wire position/chamber	$\leq$ 20 μm rms
Chamber position resolution	$\leq$ 40 μm rms
$\Delta p_T/p_T(6 - 1000$ GeV)	$2 - 10\%$