Monitored Drift Tube Chambers

- **Very high mechanical precision: $< 20\ \mu$m (rms).**
- **High reliability, no aging over > 10 years under LHC irradiation conditions.**
- **1200 MDT chambers with in total 400000 drift tubes covering an area of 5500 m^2.**
- **Production rate of up to 1 chamber/6 days at 13 production sites over the next $2\frac{1}{2}$ years.**

  Munich: 88 chambers with in total 36000 drift tubes of 3.8 m length $(15\%$ of the active area).
- **High precision optical alignment monitoring system.**