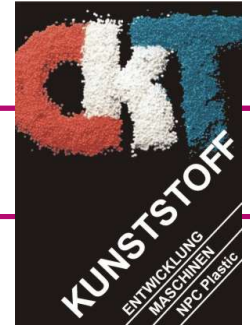


# BALANCE - New Screw Design



## BALANCE stands for

- Thermal Homogeneity of melt
- Optimum determination of change-over point
- Moulded parts in constantly high quality

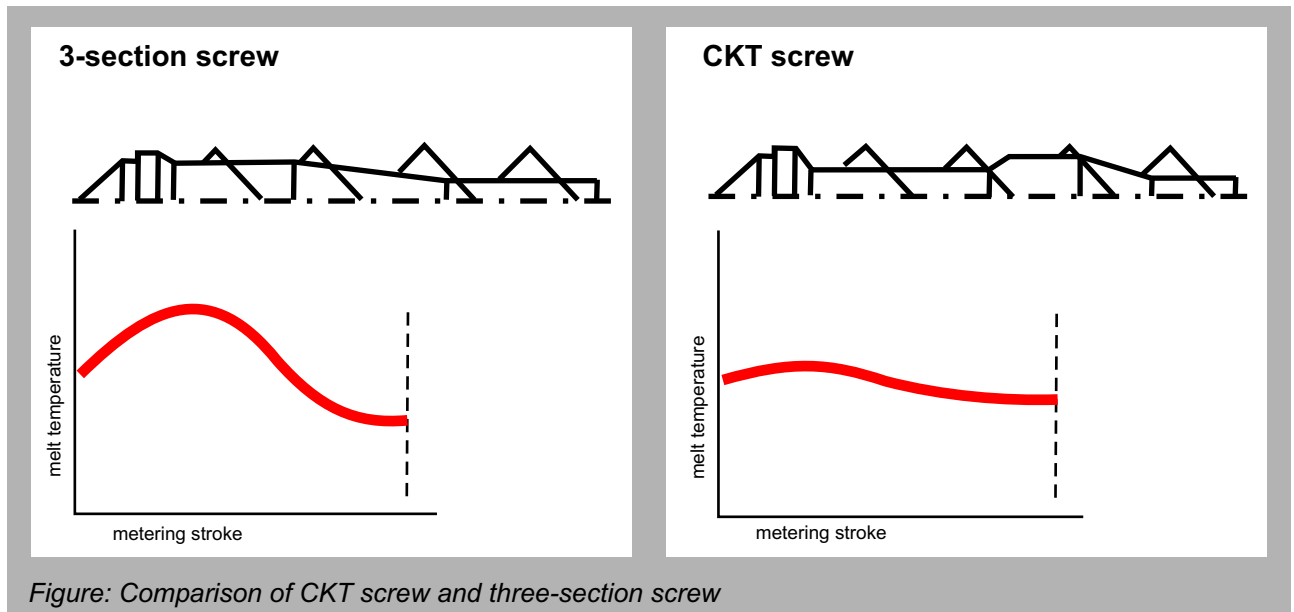


Figure: Comparison of CKT screw and three-section screw

## Charakteristics

- Axial constancy of temperature in storage capacity
- Equal depth of threads of screw feeder guarantees even heating-up
- Constant homogeneity of melt
- No air entrapments

## Optimum control of plasticizing process

- Assessment of employed machine and screw design
- Optimum determination of change-over point to realise modification of plasticizing conditions, screw speed, holding pressure and barrel temperature

## Applicable in case of

- Granulates
- Materials being ground
- Agglomerated resins

