

A device for growth of single crystals comprises a cylindrical chamber of growth with coaxially located heater and double concentric crucible with outside and inside parts, a mechanism of crucible rotation, a seed holder and a system of smelt feeding as a bunker with a pipe. The chamber of growth is equipped with cam holders of crystal, a cutoff cutter and a chamber for thermal adaptation of crystal with a mechanism of crystal withdrawing from the chamber of growth. The seed holder is installed above the crucible and fixed on a plunger by means of a cam clamp with the possibility of rotation and vertical moving.