

## Silicon Crystal

### Illustration

Here is a picture of a state-of-the-art **200 mm Si** crystal as they are grown by the thousands for present day (2000) chip manufacture.

- While it does look like an oversized chromium-plated salami, it is a much more sophisticated product (and much more expensive).



- Note that this huge crystal is hanging on a rather thin **Si** seed crystal (see inset). This seed crystal does not only have to support the weight of the crystal, but also the torque needed to rotate the crystal during its growth.