
General Tolerance zones for profiled outer shells

Large diameter: +/- 0.2 mm

Distance between large/small diameter: +/- 0.2

Height / width: +/- 0.2 mm

- Neckings of up to 0.6 mm on the front surface towards the slot on each side are possible
- Material sinkage on the front faces can be up to 0.4 mm to the centre point depending on the material thickness
- Impressions and material bulging up to a maximum of 0.5 mm on each side may occur due to manufacturing constraints

Material thickness according to: DIN

Straight length: 0.2 mm (the measurements for the initial samples from DE were taken by our measuring machine.
During the production inspection, the slotted bush is brought to its nominal diameter in a gauge, the slot's dimensions are measured and a formula is used to determine the straight length.)

Perpendicularity: 0.2 mm

Parallelism: 0.2 mm

Cylinder form: 0.3 mm

Evenness of the material surface by the slot: 0.25 mm

Tool edges: + 0.1 / - 0.2

We evaluate the production-related versions of your request in detail in the offer.