Table of tolerances according to DIN 874.

Levelness tolerance (flatness) in µm for different degrees of precision.

The levelness tolerance indicates the max deviation between the lowest and highest point. (Reference temperature $+20^{\circ}$ C.)



| Engineer's rules | | | | | Straight-edges | |
|------------------|----|-----|----|-----|----------------|--------|
| Length in mm | | | | | Length in mm | |
| <u>±2</u> | 00 | 0 | 1 | 2 | ±2 | 00 |
| 500 | 4 | 7 | 12 | 21 | 75 | 2 |
| 750 | 6 | 9,5 | 17 | 27 | 100 | 2 3 |
| 1000 | 8 | 12 | 21 | 33 | 150 | 3 |
| 1500 | _ | 17 | 29 | 46 | 300 | 3 |
| 2000 | - | 22 | 37 | 58 | | |
| 2500 | - | 27 | 46 | 71 | | |
| 3000 | _ | 32 | 54 | 83 | | |
| 4000 | - | 42 | 71 | 108 | | |
| 5000 | - | - | 87 | 133 | | |