

Table 1. Permissible deviations for linear dimensions (length, width, height, centre line distance, diameter, radii)

| Accuracy grade | Relation to die | Basic size range *) | | | | | | | | | | | | | | Corresponds to general tolerance series for castings as in DIN 1680 Part 2 | Applicable to body diagonal lengths |
|----------------|-----------------|---------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|----------------------|--|-------------------------------------|
| | | Up to 18 | Over 18 up to 30 | Over 30 up to 50 | Over 50 up to 80 | Over 80 up to 120 | Over 120 up to 180 | Over 180 up to 250 | Over 250 up to 315 | Over 315 up to 400 | Over 400 up to 500 | Over 500 up to 630 | Over 630 up to 800 | Over 800 up to 1000 | Over 1000 up to 1250 | | |
| GTA 14/5 | Intrinsic | ± 0,25 | ± 0,35 | ± 0,4 | ± 0,45 | ± 0,55 | ± 0,65 | ± 0,75 | ± 0,8 | ± 0,85 | ± 0,95 | ± 1,1 | ± 1,2 | ± 1,4 | ± 1,6 | GTA 14/5 | over 500 |
| | Not intrinsic | ± 0,55 | ± 0,65 | ± 0,7 | ± 0,75 | ± 0,85 | ± 0,95 | ± 1,0 | ± 1,1 | ± 1,1 | ± 1,2 | ± 1,4 | ± 1,5 | ± 1,7 | ± 1,9 | GTA 14/5 plus allowance | |
| GTA 14 | Intrinsic | ± 0,22 | ± 0,26 | ± 0,31 | ± 0,37 | ± 0,44 | ± 0,5 | ± 0,6 | ± 0,65 | ± 0,7 | ± 0,8 | ± 0,9 | ± 1,0 | ± 1,2 | ± 1,3 | GTA 14 | over 180 |
| | Not intrinsic | ± 0,42 | ± 0,46 | ± 0,51 | ± 0,57 | ± 0,64 | ± 0,7 | ± 0,8 | ± 0,85 | ± 0,9 | ± 1,0 | ± 1,1 | ± 1,2 | ± 1,4 | ± 1,5 | GTA 14 plus allowance | |
| GTA 13/5 | Intrinsic | ± 0,17 | ± 0,2 | ± 0,25 | ± 0,3 | ± 0,35 | ± 0,4 | ± 0,45 | ± 0,5 | ± 0,55 | ± 0,6 | - | - | - | - | GTA 13/5 | over 50 up to 500 |
| | Not intrinsic | ± 0,32 | ± 0,35 | ± 0,4 | ± 0,45 | ± 0,5 | ± 0,55 | ± 0,6 | ± 0,65 | ± 0,7 | ± 0,75 | - | - | - | - | GTA 13/5 plus allowance | |
| GTA 13 | Intrinsic | ± 0,14 | ± 0,17 | ± 0,2 | ± 0,23 | ± 0,27 | ± 0,32 | - | - | - | - | - | - | - | - | GTA 13 | up to 180 |
| | Not intrinsic | ± 0,24 | ± 0,27 | ± 0,3 | ± 0,33 | ± 0,37 | ± 0,42 | - | - | - | - | - | - | - | - | GTA 13 plus allowance | |
| GTA 12/5 | Intrinsic | ± 0,11 | ± 0,14 | ± 0,16 | - | - | - | - | - | - | - | - | - | - | - | GTA 12/5 | up to 50 |
| | Not intrinsic | ± 0,21 | ± 0,24 | ± 0,2 | - | - | - | - | - | - | - | - | - | - | - | GTA 12/5 plus allowance | |

*) Dashes indicate that no deviations have been specified.