

General notes

Tolerances for shafts and bores

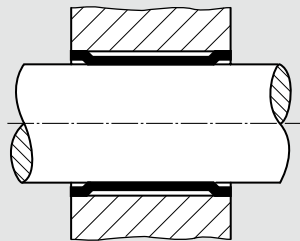
The selected dimensions of the shaft or drilled hole diameters determine the fit, i.e. the adhesive force of the tolerance ring connection. See the tolerance rings for the connection dimensions.

When doing this, please note the following:

- 1 The shaft tolerance is permitted up to ISO h9, with the drilled hole tolerance being permitted up to ISO H9 or in exceptional cases to ISO h11 or H11.**
- 2** The dimensions for installation of rolling bearings and torque transmission apply to steel-to-steel connections and to steel connections to many non-ferrous metals. They apply to temperatures of up to 100 °C. In the case of materials whose strength properties diverge greatly compared to steel, you must check the installation circumstances.
- 3** The torques that are stated in the tables apply to centered installation; in the case of free installation, you must take into account a reduction of approximately 20%.

Free installation, shape R0810

Uniform shaft system



Free installation, shape R0820

Uniform drilled hole system

