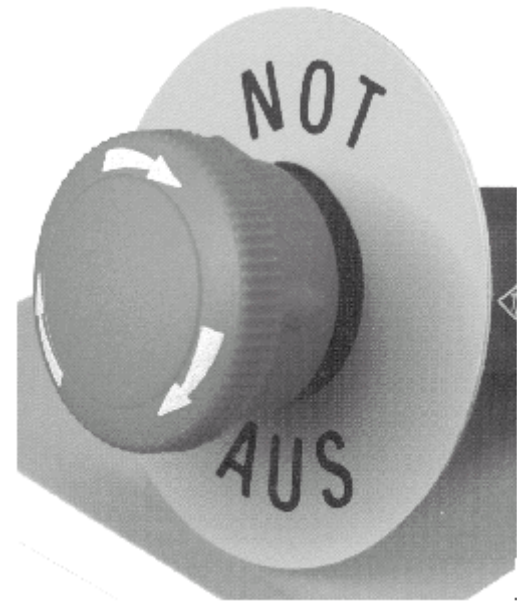


## D Important B2-standards

### 1 E-stop function according to DIN EN 13850

#### Requirements on the function

- It must always be available (4.1.1)
- It takes priority over all other commands (4.1.1)
- It must not affect the effectiveness of the safety devices (4.1.2) ( possibly continuing operation of auxiliary devices, e.g. breaks)
- It must not cause additional hazards (4.1.3) (e.g. the rescue of persons must be possible)
- After the reset command, no activation of restart command is allowed (4.1.6)
- It must avert danger in the best possible way.



### 2 Stop-function according to DIN EN 60204 part 1

There are the categories of stop-functions:

- |             |   |
|-------------|---|
| Category 0: | Shutdown by immediate breaking of the power to the machines – drive sections.   |
| Category 1: | A controlled shutdown whereas the power to the machines – drive sections is maintained to break. The power will only be interrupted if idleness has been reached. |