

Technical data sheet

Bearing Handling Tool BHT 200–400, 300–500 and 500–700



The secure solution for handling large and heavy bearings

The simatool Bearing Handling Tool is ideally suited for professionally and securely lifting large, heavy bearings. The BHT reduces the risk of accidents and bearing damage. The BHT encloses the outer race of the bearing with a steel band. With two handles on opposite sides and two carrying belts, the bearing can be easily transported with a lifting crane. The bore remains open so the bearings can be easily placed onto a shaft.



The BHT consists of:

- 2 carrying belts
- 1 pair of protective gloves
- 2 steel clamping strips
- 2 handles
- 2 turning handles
- 2 inner race fasteners

Description of Bearing Handling Tool

With the Bearing Handling Tool, bearings can be both horizontally and vertically fitted onto a shaft. Two anti-twist devices, which are fastened against the inner race, ensure that the inner race of the bearing does not turn out of control.



- 1** Steel clamping strips
- 2** Handles
- 3** Turning handles
- 4** Inner race fasteners

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Technical data Bearing Handling Tool

BHT 200–400

- Designation: Bearing Handling Tool, BHT 200–400
- Application: Secure handling of medium-sized bearings
- Maximum handling force: 150 kg
- Handling: Bearings with an outer diameter of 200–400 mm

BHT 300–500

- Designation: Bearing Handling Tool, BHT 300–500
- Application: Secure handling of large bearings
- Maximum handling force: 500 kg
- Handling: Bearings with an outer diameter of 300–500 mm

BHT 500–700

- Designation: Bearing Handling Tool, BHT 500–700
- Application: Secure handling of very large bearings
- Maximum handling force: 500 kg
- Handling: Bearings with an outer diameter of 500–700 mm

All BHTs are subjected to the following tests:

DIN EN 13155:2003/A2:2009; EN 13155:2020; AIPS GS 2019:01 PAK

Mode of Operation

The simatool Bearing Handling Tool consists of two handles, two turning handles and steel strips that enclose the bearing on the outer race. When the handles on the support arms are uniformly tightened, the steel strips lock onto the diameter of the bearing. The two anti-twist devices prevent the inner race of self-aligning bearings from tilting outwards.

