

Application

The SKF Bearing Handling Tool, TMMH series is a new addition to our existing range of Mechanical Tools. Developed to further enhance plant efficiency and safety, the SKF Bearing Handling Tool TMMH series facilitates safe, easy and quick handling of medium and large size bearings. The SKF Bearing Handling Tool is unique to SKF. It can be used with most SKF bearings with an outer diameter between 300 and 700 mm (12 to 28 in) as the weight of these bearings is generally within its maximum weight lifting capacity. The SKF Bearing Handling Tool allows safe, professional and improved bearing handling practises. That makes it an absolute necessity in any workshop where medium and large size bearings are handled.

The SKF Bearing Handling Tool is available in two sizes:

- Bearing outer diameter D: 300 to 500 mm (12 to 20 in).
- Bearing outer diameter D: 500 to 700 mm (20 to 28 in).

The maximum weight lifting capacity of both sizes is 500 kg (1100 lb).

Description

The SKF Bearing Handling Tool is a steel band with two handles and two anti-rotation plates, which fits around the outer ring of the bearing whilst the bearing is still in horizontal position. By turning the two handles, the Bearing Handling Tool is tightly fitted around the bearing. The two anti-rotation plates fix the inner ring and the rolling elements, preventing the inner ring from swivelling. This combination, the bearing and the Bearing Handling Tool, can then be lifted manually or by a crane and turned to the vertical position safely, easily and quickly.

Safe handling is assured as the Bearing Handling Tool eliminates the need for more dangerous "home made" slings & straps, which are a safety risk for both the operator and bearing. Additionally the Bearing Handling Tool has been approved by German testing institute TÜV.

Easy, fast and efficient handling is assured as the fitter / operator can do the job by himself. The tool can also be used in combination with an induction heater as it can withstand temperatures up to 160 °C (320 °F). The same tool is suitable for multiple bearing types, brands and sizes.



The Bearing Handling Tool improves bearing handling practices as it helps eliminate bearing damage, which can result from the bearing falling out of the strap. Professional handling of bearings from floor to shaft with just one tool is unique and new.

Safety

As the incorrect use of handling tools constitute a potential safety risk, it is essential that the directions and maintenance instructions given in the Instruction Manual (MP 5130) are followed at all times.



Technical data

| Designation | TMMH 300/500 | TMMH 500/700 |
|---------------------------------|---|---|
| Description | Bearing handling tool | Bearing handling tool |
| Weight | 5.4 kg (12 lb) | 5.4 kg (12 lb) |
| Bearing Outer diameter D | 300 - 500 mm (12 - 20 in) | 500 - 700 mm (20 - 28 in) |
| Max lifting weight | 500 kg (1100 lb) | 500 kg (1100 lb) |
| Maintenance | Re-lubrication of belt required every 6 months (by LGMT 2 grease) | Re-lubrication of belt required every 6 months (by LGMT 2 grease) |

Examples of SKF bearings with which the Bearing Handling Tool can be used

| DGBB | Series | | Bearing Handling Tool | |
|-------------|---------------------|-------------|-----------------------|--------------|
| | CARB® | SRB | TMMH 300/500 | TMMH 500/700 |
| 6040-60880 | CARB® D = 300-500mm | 22234-22256 | X | |
| 61848-61880 | | 22328-22348 | X | |
| 61944-61972 | | 23040-23064 | X | |
| 6234-6256 | | 23136-23160 | X | |

| | | | |
|---------------|---------------------|---------------|---|
| 6328-6348 | | 23234-23256 | X |
| | | 23864-23868 | X |
| | | 23944-23972 | X |
| | | 24040-24064 | X |
| | | 24136-24160 | X |
| 6068-608/560 | CARB® D = 500-700mm | 22256-22272 | X |
| 61880-618/560 | | 22348-22356 | X |
| 61976-619/500 | | 23068-23096 | X |
| 6256-6268 | | 23160-23184 | X |
| 6348-6356 | | 23256-23276 | X |
| | | 23896-238/500 | X |
| | | 23976-239/500 | X |
| | | 24068-24096 | X |
| | | 24160-24184 | X |

