



Get a safe grip on handling bearings

The SKF Bearing Handling Tool TMMH series

Maintenance engineers face many practical problems when handling medium and large size bearings. The biggest problem is safely moving the bearing from its packaging to the shaft or an induction heater. Another problem is lifting the bearing from the horizontal position, in which most bearings are delivered, and turning it to the vertical one for placement on the shaft. To overcome some of these problems, maintenance engineers currently use different handling methods. However, these methods are often unsafe, difficult and time consuming.

A common handling method is to place a sling or strap around the outer ring of the bearing and use a crane to lift the bearing, finally placing it on the shaft. The major disadvantage of this method is that the bearing can easily fall out of the strap, causing injury to the work crew and damage to the bearing.

Now SKF offers you that safe grip with its new Bearing Handling Tool.

The SKF Bearing Handling Tool is a simple, yet ingenious solution to problems associated with handling medium and large size bearings, weighing up to 500 kg (1100 lb). The Bearing Handling Tool consists of 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 them 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.

The SKF Bearing Handling Tool

Bearing handling has never been safer, easier or quicker



Place the SKF Bearing Handling Tool around the bearing while it is still in horizontal position.

- One tool suitable for many bearing types and sizes
- Tightly fits around the outer ring
- The two anti-rotation plates fix the inner ring and the rolling elements, preventing them from swivelling during lifting



Lift the combination, bearing and Bearing Handling Tool, using a crane.

- The bearing can be lifted from its horizontal position, safely and easily
- The tightly secured bearing is prevented from falling, minimising injury to the operator or damage to itself
- Full surface contact during lifting prevents damage to the bearing, which can be caused by one-point grip or lifting hooks



Turn the combination to vertical position for placement on the shaft.

- Fixing the inner ring allows easy placement on the shaft and helps preventing damage to the ring or the rolling elements
- Easy and simple, one operator can complete the job



The bearing is placed on the shaft during mounting.

- The job is safely, easily and quickly done
- Time-savings compared to conventional handling methods can be more than 50%

Use the SKF Bearing Handling Tool in combination with an induction heater.

- Placing the bearing on or removing it from an induction heater
- The Bearing Handling Tool can remain around the bearing while it is being heated
- Withstands temperatures up to 160 °C (320 °F)

Technical data

Designation	TMMH 300/500	TMMH 500/700
Weight	6,3 kg (14 lb)	6,3 kg (14 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)



In line with our policy of continuous development of our products we reserve the right to alter any part of the above specification without prior notice.

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SKF Maintenance Products

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