

FAG



LOCKNUT-DOUBLEHOOK

Double hook wrenches

SCHAEFFLER

Double hook wrenches

Function

Measurement of the radial internal clearance is difficult especially in the case of smaller self-aligning ball bearings and spherical roller bearings. If the bearing is fitted in a housing, it is not possible to measure the radial internal clearance in some cases.

As a result, measurement is often dispensed with and the radial internal clearance is estimated in approximate terms by means of the method normally used in the past. In this case, the rolling bearing is pressed onto the adapter sleeve until the outer ring can still be freely rotated and slight resistance is felt under swivelling.

With the method we recommend, the radial internal clearance can be set very accurately. The radial internal clearance is reduced in two stages, *Figure 4*. First, the locknut is lightly tightened to a specified tightening torque. This gives a precisely defined initial position and the radial internal clearance is then set very accurately in the second stage.

The locknut is then tightened by a defined angle. The radial internal clearance has now been reduced by the recommended 60% to 70%.

- ① Housing
- ② Self-aligning ball bearing
- ③ Adapter sleeve
- ④ Locknut
- ⑤ Double hook wrench
- ⑥ Torque wrench
- ⑦ Mounting lever
- ⑧ Radial internal clearance, locknut lightly tightened
- ⑨ Radial internal clearance, locknut completely tightened

Reducing
the radial internal clearance



Double hook wrenches

Scope of delivery Double hook wrench set LOCKNUT- DOUBLEHOOK-KM9-15-SET

Component	Designation	m ¹⁾ kg
Torque wrench	LOCKNUT-DOUBLEHOOK.WRENCH20-100NM	2,3
Adapter	LOCKNUT-DOUBLEHOOK.WRENCH-ADAPTER22-16	0,1
Double hook wrench	LOCKNUT-DOUBLEHOOK-KM9-D20	0,4
	LOCKNUT-DOUBLEHOOK-KM10-D20	0,4
	LOCKNUT-DOUBLEHOOK-KM11-D20	0,4
	LOCKNUT-DOUBLEHOOK-KM12-D20	0,4
	LOCKNUT-DOUBLEHOOK-KM13-D20	0,4
	LOCKNUT-DOUBLEHOOK-KM14-D20	0,4
LOCKNUT-DOUBLEHOOK-KM15-D20	0,4	
Mounting lever	LOCKNUT-DOUBLEHOOK.LEVER400	0,8
Transport case	LOCKNUT-DOUBLEHOOK.CASE-KM9-15	3
Mounting paste	ARCANOL-MOUNTINGPASTE-70G	0,1
User manual	MATNR 032821409-0000	-

1) Mass.

- ① Torque wrench
- ② Adapter
- ③ Double hook wrench KM9
- ④ Double hook wrench KM10
- ⑤ Double hook wrench KM11
- ⑥ Double hook wrench KM12
- ⑦ Double hook wrench KM13
- ⑧ Double hook wrench KM14
- ⑨ Double hook wrench KM15
- ⑩ Mounting lever
- ⑪ Transport case
- ⑫ Mounting paste
- ⑬ User manual

Scope of delivery Double hook wrench set KM9-15

