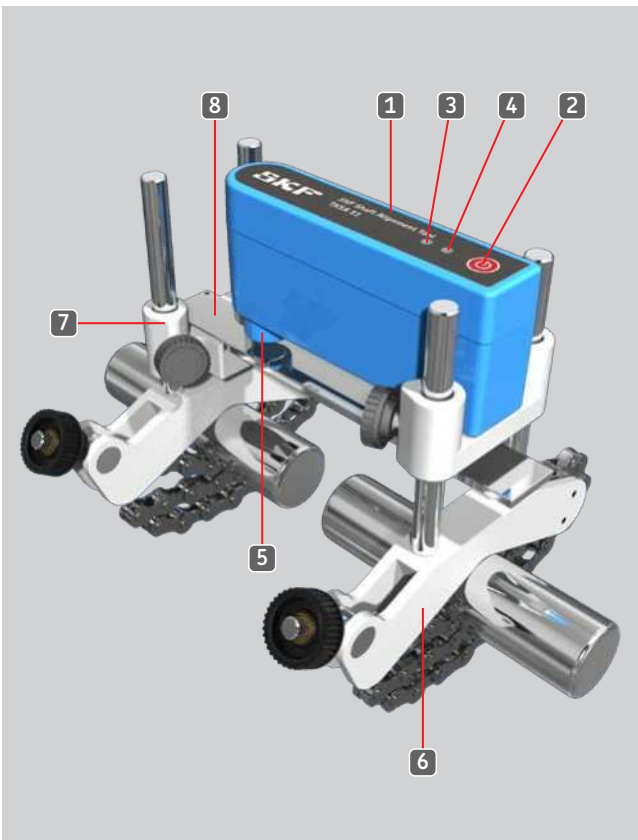


SKF Shaft Alignment Tool TKSA 11

Quick Start Guide

1. Description



- | | |
|-------------------------|------------------------------------|
| 1. Measuring unit | 5. Two inductive proximity sensors |
| 2. Power button | 6. V-Bracket with locking chain |
| 3. Connection blue LED | 7. Magnetic bar holder |
| 4. Status red/green LED | 8. Reference bar |

2. Compatible display devices

- iPad Mini recommended
- iPad, iPod Touch, iPhone SE, Galaxy or above (all not included)

3. Installing the app

1. Turn on Wi-Fi and connect to an internet network
2. Tap the App Store icon (iOS)



or Google Play Store icon (Android)



3. Tap the search area
4. Enter "SKF TKSA 11"
5. Select the app you want to install
6. Tap "GET" (iOS only) and then "INSTALL"



4. Support

a. Instructions for use

Complete instructions for use for the apps and the hardware can be found in:

Help section of the apps

and SKF.com/Alignment



b. Technical support

SKF Technical Support website link is available in the help section the apps. Please visit www.skf.com/cm/tsg to find help or file a support request.

c. Videos

Short instructional videos are available in the help section of the apps. More videos can be found on SKF Maintenance Products YouTube page: www.mapro.skf.com/youtube

5. Mounting the measuring unit



Mount the Measuring unit on the Moveable machine (Motor) side.



Adjust the gap between the inductive proximity sensors and the reference bar to app. 3 mm \pm 0,5 mm (120 mils \pm 20 mils). "Sensor status" in the app indicates the correct distance.



The TKSA 11 can be mounted directly on couplings when needed.



Safety recommendations

- The complete instructions for use are available on SKF.com and within the SKF TKSA 11 app.
- Read and follow all warnings in this document before handling and operating the equipment. You can be seriously injured, equipment and data can be damaged if you do not follow the safety warnings.
- Always read and follow the operating instructions.
- The equipment should not be used in areas where there is a risk for explosion.
- Do not expose the device to extreme heat.
- Do not charge the Measuring units below +4 °C (+40 °F) or above +45 °C (+113 °F).
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.
- Do not overreach. Keep proper footing and balance at all times to enable better control of the device during unexpected situations.
- Use safety equipment. Non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions.
- Never work on energized equipment unless authorized by a responsible authority. Always turn off the power of the machine before you start.
- Do not expose the equipment to rough handling or impacts this will void the warranty.
- Avoid direct contact with water, wet surfaces, or condensing humidity.
- Do not attempt to open the device.
- Use only accessories that are recommended by SKF.
- Device service must be performed only by qualified SKF repair personnel.
- We recommend calibrating the tool every 2 years.



EU Declaration of Conformity TKSA 11

We, SKF Maintenance Products, Meidoornkade 14,
3992 AE Houten, The Netherlands herewith declare under
our sole responsibility that the products described in these
instructions for use, are in accordance with the conditions of
the following Directive(s):

RADIO EQUIPMENT DIRECTIVE 2014/53/EU

RoHS DIRECTIVE (EU) 2015/863

and are in conformity with the following standards:

EN 61010-1:2010

EN IEC 63000:2018: Technical documentation for the
assessment of electrical and electronic products with respect
to the restriction of hazardous substances.

Emissions and immunity:

EN 61326-1:2013 class B, group 1 equipment,
industrial immunity test requirements

EMC:

IEC 61000-4-3:2006 – Radiated Radio Frequency Fields

IEC 61000-4-2:2009 – ESD

EN 301 489-1 V2.1.1 – Electromagnetic compatibility and
Radio spectrum Matters

EN 301 489-1 clause 9.2 – Radiated RF immunity
(enclosure)

EN 301 489-17 v3.1.1

EN 300 328 v2.1.1

The enclosed device complies with Part 15 of the FCC Rules.
Contains FCC ID: QOQBLE112

Certification Number: IC: 5123A-BGTBLE112

Manufacturer's Name, Trade Name or Brand Name: bluegiga

Model Name: BLE112-A

Houten, The Netherlands, January 2024



Guillaume Dubois
Manager Quality and Compliance



UK Declaration of Conformity TKSA 11

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3992 AE Houten, The Netherlands herewith declare under
our sole responsibility that the products described in these
instructions for use, are in accordance with the conditions of
the following Directive(s):

Radio Equipment Regulations 2017 (2017 No. 1206)
The Restriction of the Use of Certain Hazardous Substances
in Electrical and Electronic Equipment Regulations 2012
(2012 No. 3032) and are in conformity with the following
standards: EN 61010-1:2010

EN IEC 63000:2018: Technical documentation for the
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The person authorised to compile the technical
documentation on behalf of the manufacturer is
SKF (U.K.) Limited, 2 Canada Close, Banbury, Oxfordshire,
OX16 2RT, GBR.

Houten, The Netherlands, January 2024



Guillaume Dubois
Manager Quality and Compliance





qr.skf.com/lm/Alignment-tools/TKSA-11/

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