

SKF TKSA 11

Shaft alignment system with Inductive sensors for smartphones and tablets (iOS)

The TKSA 11 uses smartphones and tablets to intuitively guide the user through the shaft alignment process. The TKSA 11 is designed for core alignment tasks and is very easy-to-use. The small size makes the instrument ideal for quick checks during inspection routes and compact installations. The SKF TKSA uses inductive proximity sensors, enabling accurate and reliable shaft alignment.



Technical specifications

Properties	
Alignment methods	3 position measurement 9 -12 -3
Recommended applications	Horizontal shafts
Live correction values	Only horizontal
Special features	Automatic .pdf reports
Sensors	2x Inductive proximity sensors with 3x reference bars
Communications	Bluetooth 4.0 LE
Measurement distance	0 to 185 mm between brackets
Measuring error (percent)	2 %
Material	Measurement unit: PC/ABS plastic
Battery	Rechargeable 1900 mAh LiPo battery
Battery life	18 h
Operating temperature range	Array °C
Display	None, Smartphone or tablet needed
Operating system	min. Android 9; min. Apple iOS 9
Software update	Via Apple AppStore and Google Play Store
Suitable operating devices	Android Tablet or Smartphone with min. Android 9; Apple iPad, iPhone with min. iOS 9
Laser type	None
Mounting	2x V-brackets (width 15 mm) with chains
Shaft diameter	20 to 160 mm
Shaft diameter (with extension chains)	Up to 320 mm with optional extension chains (not included)
Maximum coupling height	55 mm
Power adapter	Charging via micro USB 2.0 port (5V); Micro USB to USB charging cable included; Compatible with standard 5V USB chargers (not included)
Degree of protection (IP)	IP 54
Certifications	Calibration certificate (2 years validity)
Part of a kit	no, but also available as TKSA 11/KIT380 or TKSA 11/KIT75
Case dimensions (l x h x w)	360 x 110 x 260 mm
Content	Measuring unit; 3 Reference bars; Set of 2 shaft brackets with chains 480 mm (18.9 in) and rods 80 mm (3.1 in); Micro USB to USB charging cable; Measuring tape; Certificate of calibration and conformance; Quick start guide; SKF carrying case

Logistics

Product net weight	2.12 kg
eClass code	23-05-19-01
UNSPSC code	41112202