

SKF TKSA Laser Shaft Alignment Tool



DESCRIPTION

The SKF TKSA 71 is a laser shaft alignment tool that provides a measuring range of up to 10m and a shaft diameter of 20mm to 450mm.

The TKSA 71 is a versatile instrument with ultra-compact measuring units applicable for narrow spaces. TKSA 71 instruments have dedicated software applications that enable different types of alignments, including horizontal and vertical shafts, machine trains and spacer shafts.

In addition, SKF TKSA 71 models provide comprehensive, automatic reports, sharing and exporting options, instructional videos within the app, machine library with QR code identification, built-in tolerance guidelines, disturbance compensation, 3-D live view, and a fully functional demonstration mode.

FEATURES

- Easy-to-use - Intuitive software applications, guided alignment processes and explanatory videos.
- Wide range of applications - Comprehensive accessories and *dedicated software applications.
- Superior alignment performance - Up to 10 m measurement distance, disturbance compensation, measurement flexibility, only 40° total rotation, automatic measurement and customised alignments with target values.
- Protection against harsh environments - Completely sealed measuring units (IP67) to withstand dust and water.
- Ultra-compact measuring units - Use in extremely narrow spaces.
- Robust carrying case - Excellent protection, convenient transport and wireless in-case charging.

DATA

Sensors and communication	20 mm (0.8 in) 2nd gen. PSD with line laser Class 2 inclinometer $\pm 0.1^\circ$; Bluetooth 4.0 LE
System measuring distance	0.04 to 10m
Measuring errors	<1% $\pm 10 \mu\text{m}$
Housing material	Anodized aluminum front and PC/ABS plastic back cover
Operating time	Up to 8 hours, rechargeable Li-ion battery, wireless fast charging, 10 min. charging for 1h usage
Shaft diameters	20 to 150 mm diameter (0.8 to 5.9 in.), 450 mm (17.7 in.) with extension chains (included)