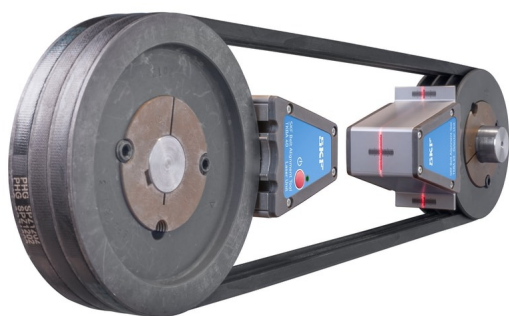


# TKBA 40 Belt alignment, pulley

## groove

### Belt alignment, pulley groove



The Belt Alignment Tool TKBA 40 aligns V-belt pulleys in the grooves. V-guides and powerful magnets allow the TKBA 40 to be fitted in the grooves of the pulley. With only two components, a laser-emitting unit and a receiver unit, the belt alignment tool is easy to use and allows fast and accurate belt alignments. The three-dimensional target area on the receiver unit help the easy detection of misalignment as well as its nature; whether it is horizontal, vertical, parallel or a combination of all three.

- Powerful magnets allow fast and easy attachment
- Three-dimensional target area simplifies detection and correction of misalignments
- Facilitates simultaneous adjustment of tension and alignment
- V-guides included for a wide range of V-belt pulleys
- Aligns grooves of a V-belt pulley rather than its face, allowing optimum alignment of pulleys of unequal width or with dissimilar faces
- Special side adaptor for alignments of multi-ribbed and timing belt pulleys as well as sprockets is available as accessory

## Overview

## Dimensions

Transmitter dimensions (l x h x w)	70 x 74 x 61 mm
Target dimensions (l x h x w)	70 x 74 x 61 mm
Case dimensions (l x h x w)	260 x 85 x 180 mm

## Properties

Recommended applications	Most machines using V belts
Mounting	Magnetic, groove mounted (side mounting possible with optional adapter TMEB A2)
Laser type	Visible red line laser
Laser wavelength	632 nm
Laser power max	1 mW
Laser line length (at 2 m)	3 m

Measurement accuracy angular (at 2 m)	0.2 °
Measurement accuracy offset	0.5 mm
Transmitter weight	0.33 kg
Target type	3D target
Target weight	0.26 kg
Housing material	Extruded anodized aluminium Polyamide endcaps
Colour	Grey Black
Battery	2x AAA Alkaline type IEC LR03 (included)
Battery life	20 h
Certifications	Calibration certificate with two year validity
Degree of protection (IP)	IP 40
Operating temperature range	0 – 40 °C
Recommended storage temperature	-20 – 65 °C
Relative humidity	10 to 90%, non-condensing
Content	1x TKBA 40 transmitter unit 1x TKBA receiver unit 2x AAA batteries sizes of 4x V-guides, 3x of each size 1x printed for use 1x Carrying case (size A)
Total product weight	1.2 kg

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