

SKF TKBA 40

Belt alignment, pulley groove



The Belt Alignment Tool 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.

Technical specifications

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

Performance	
Measurement distance	Array 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;Blue
Battery	2x AAA (LR03) Alkaline (incl.)
Battery life	20 h
Certifications	Calibration certificate with two year validity
Degree of protection (IP)	IP 40
Operating temperature range	Array °C
Recommended storage temperature	Array °C
Relative humidity	10 to 90%, non-condensing
Content	1x TKBA 40 transmitter unit;1x TKBA 40 receiver unit;2x AAA batteries;4x sizes of V-guides, 3x of each size;1x printed instructions for use;1x Carrying case (size A)

Logistics	
Product net weight	1.14 kg
eClass code	23-05-19-01
UNSPSC code	41112202