

TKBA 21Belt alignment, pulley side, red laser, 2 laser units



Belt alignment, pulley side, red laser, 2 laser units

The TKBA 21 alignment tool has two components: a laser-emitting unit and a receiver unit. Each is attached quickly and easily – using a powerful magnet – to the inside or outside face of a belt pulley or chain sprocket. The TKBA 21 can be applied to most machines that use V belts, banded belts and ribbed belts – as well as those with chain sprockets. The case contents can be expanded with optional additional components such as belt tension gauges.

- Fast, easy attachment – using powerful magnets
- Two laser receiver/transmitter units
- Simplified alignment process
- Simultaneous adjustment of tension and alignment
- Applicable to most machines using V belts, banded belts, ribbed belts – as well as chain sprockets
- Can be used for medium distances
- Extra space in case for optional additional tools (e.g. belt tension gauges)

Overview

Dimensions

Transmitter dimensions (l x h x w)	98 x 97 x 52 mm
Target dimensions (l x h x w)	98 x 97 x 52 mm
Case dimensions (l x h x w)	360 x 110 x 260 mm

Properties

Recommended applications	Most machines using V belts, banded belts, ribbed belts, most other belts Chain sprockets
Mounting	Magnetic, side mounted
Laser type	Visible red line laser
Laser wavelength	635 nm
Laser power max	1 mW
Laser line length (at 2 m)	2.4 m

Measurement accuracy angular (at 2 m)	0.02 °
Measurement accuracy offset	0.5 mm
Transmitter weight	0.25 kg
Target type	Second transmitter unit
Target weight	0.25 kg
Housing material	PC/ABS blend, overmoulded with TPU rubber
Colour	Blue Dark Grey
Battery	3x AAA (Alkaline (incl.) or Rechargeable)
Battery life	32 h
Degree of protection (IP)	IP 40
Operating temperature range	0 – 40 °C
Recommended storage temperature	-20 – 60 °C
Relative humidity	10 to 90%, non-condensing
Content	2x TKBA 21 transmitter units 6x AAA batteries printed instructions for use 1x Carrying case (size B)
Total product weight	1.62 kg

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