TKBA 11Belt Alignment Tool



Belt Alignment Tool

The belt alignment tool TKBA 11 has two components; a laser-emitting unit and three passive targets. Each is attached quickly and easily – using a powerful magnet – to the inside or outside face of a belt pulley or chain sprocket. The TKAB 11 alignment tool can be applied to most machines that use V belts, banded belts and ribbed belts – as well as those with chain sprockets.

- Fast, easy attachment with powerful magnets
- Simplified alignment process - - one laser emitter with three passive targets
- Simultaneous adjustment of tension and alignment

Overview

Dimensions

Transmitter dimensions (l x h x w)	98 x 97 x 52 mm
Target dimensions (l x h x w)	25 x 40 x 25 mm
Case dimensions (l x h x w)	260 x 85 x 180 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	0.25 kg

weight	
Target type	Set of 3 Passive targets
Target weight	0.035 kg
Housing material	PC/ABS blend, overmoulded with TPU rubber
Colour	Blue Dark Grey
Battery	3x AAA (Alkaline (incl.) or Rechargable)
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	1x TKBA 11 transmitter unit 3x passivetargets printed instructions for use 3x AAA batteries 1x Carrying case (size A)
Total product weight	0.84 kg

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