

Shaft alignment tools

TKSA Series

Pinpoint accurate alignment simply achieved

The SKF Shaft Alignment Tools, TKSA series, offer you simplicity with a high degree of accuracy.

Measuring, aligning and documenting

These highly innovative tools feature a three-step process for measuring and correcting alignment. First, measure the machinery's current alignment status. Then, align the machine vertically and horizontally. Finally, document and keep track of the alignment activities.

These three simple steps allow you to easily and effectively align shafts using advanced laser technology.

Features

- Easy-to-use, three-step process: measure-align-document
- Compact, lightweight design
- Spirit levels allow easy and fast positioning of the measuring units
- Measurements in millimetres or inches facilitate worldwide use
- Supplied in sturdy, lightweight carrying cases for portability



SKF Shaft Alignment Tool
TKSA 20 | TKSA 40

The quick, easy and affordable laser shaft alignment tool

The TKSA 20 is an easy-to-use laser shaft alignment tool, which requires no special training to operate. Compared to traditional dial indicator methods, the shaft alignment process is greatly simplified, as no additional calculations are required in order to make the necessary adjustments.

Features

- Alignment actions displayed: Clear “real-time” coupling and feet values, given during the alignment process, make alignment corrections quick and easy
- Soft foot check: “Soft foot” function helps determine if the machine is standing evenly on all feet; an essential check for good shaft alignment
- Easy pre-alignment: For machines that are grossly misaligned, the laser lines and scales enable rapid pre-alignment
- Easy for inexperienced users: Quick Start Guide allows virtually any technician to quickly become familiar with the process. Full instructions, instructional video and alignment report forms in multiple languages supplied on a CD
- The attractively priced TKSA 20 easily provides a short return on investment



The intuitive laser shaft alignment tool allows results to be stored and shared

The TKSA 40 is intuitive in operation, thanks to its animated graphical interface. Not only is it quick and easy to use, but alignment results can be stored and shared using a USB cable and a PC. Compared to traditional methods, the shaft alignment process is greatly simplified; just follow the instructions on the screen to make a precise alignment.

Features

- Intuitive: Animated graphical interface on a 4 inch back-lit screen and alphanumeric key functions simplify the whole process
- Alignment actions displayed: Clear “real-time” coupling and feet values, given during the alignment process, make alignment corrections quick and easy
- Built-in alignment recommendation: Predefined and user definable tolerance tables greatly simplify assessment of the alignment
- Alignment data sharing: Alignment settings and results can be stored in the internal memory or downloaded via USB cable to a PC. Files are easily shared with others without the need of special software.
- Soft foot check: “Soft foot” function helps determine if the machine is standing evenly on all feet; an essential check for good shaft alignment
- Easy pre-alignment: For machines that are grossly misaligned, the laser lines and scales enable rapid pre-alignment
- Easy for all users: A Quick Start Guide and intuitive menus allow virtually any technician to quickly be familiar with the process. Full instructions are supplied on a CD in multiple languages



Shaft alignment tools
TMAS shim kits

For accurate vertical machinery alignment
Accurate machine adjustment is an essential element of any alignment process. SKF single slot pre-cut shims are available in five different dimensions and in ten different thicknesses.

- Made of high quality stainless steel allowing re-use
- Easy to fit and to remove
- Close tolerances for accurate alignment
- Thickness clearly marked on each shim
- Fully de-burred
- Pre-cut shims are supplied in packs of 10 and complete kits are also available



Contents TMAS Shim Kits

TMAS 340									
Thickness (mm)	0,05	0,10	0,20	0,25	0,40	0,50	0,70	1,00	2,00
Size (mm)	Quantities:								
100x100	20	20	20	20	20	20	20	20	10
125x125	20	20	20	20	20	20	20	20	10
TMAS 360									
Thickness (mm)	0,05	0,10	0,25	0,50	1,00	2,00			
Size (mm)	Quantities:								
50x50	20	20	20	20	20	20			
75x75	20	20	20	20	20	20			
100x100	20	20	20	20	20	20			
TMAS 510									
Thickness (mm)	0,05	0,10	0,20	0,25	0,40	0,50	0,70	1,00	2,00
Size (mm)	Quantities:								
50x50	20	20	20	20	20	20	20	20	10
75x75	20	20	20	20	20	20	20	20	10
100x100	20	20	20	20	20	20	20	20	10
TMAS 720									
Thickness (mm)	0,05	0,10	0,20	0,25	0,40	0,50	0,70	1,00	2,00
Size (mm)	Quantities:								
50x50	20	20	20	20	20	20	20	20	20
75x75	20	20	20	20	20	20	20	20	20
100x100	20	20	20	20	20	20	20	20	20
125x125	20	20	20	20	20	20	20	20	20



TMAS 340



TMAS 360



TMAS 510



TMAS 720

