







# XK10 alignment laser spares list








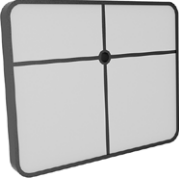
## Introduction

This application note lists the available spares for the XK10 alignment laser.

To order please contact your local [Renishaw office](#) or purchase from our [online store](#).

Description	Part number	
<p><b>Alignment target</b></p> <p>XK10 alignment targets can be attached to the front of the PSD on the M unit or S unit to perform visual alignment of the laser to the measurement axis.</p>	A-9936-0600	
<p><b>Mounting post kit</b></p> <p>The mounting post kit consists of 8 off 120 mm pillars, and 4 off 60 mm pillars that can be screwed into magnetic bases for mounting the S unit and M unit.</p>	A-9936-0618	
<p><b>XK10 power supply and cables</b></p> <p>The power supply will charge the display unit. The cables connect the display unit, S unit and M unit to perform charging in series.</p>	A-9936-0619	
<p><b>XK launch dust cap</b></p> <p>The XK launch dust cap can be inserted into the launch unit laser emitter to block the beam or prevent dust entry when not in use. 2 off XK launch dust caps are supplied.</p>	A-9936-0621	
<p><b>XK pointed feet</b></p> <p>The XK pointed feet are caps to protect the launch feet when in storage or when used on non-magnetic surfaces. 3 off XK pointed feet are supplied.</p>	A-9936-0620	
<p><b>90° trapezoid bracket</b></p> <p>The 90° bracket can be screwed onto either the M unit or the S unit to allow 90 degree mounting when used with the magnetic bases, mounting posts or spindle brackets.</p>	A-9936-0604	

<p><b>Transceiver spindle mount</b></p> <p>The transceiver spindle mount is used to mount either the M unit or the S unit in a spindle or chuck for rotational measurements.</p>	<p>A-9936-0605</p>	
<p><b>Rod tightening tool</b></p> <p>The rod tightening tool is used to securely tighten the mounting rods to the magnetic base and to each other. 3 off rod tightening tools are supplied.</p>	<p>A-9936-0610</p>	
<p><b>XK10 fixturing kit magnets</b></p> <p>These magnets are used as part of the XK10 fixturing kit to fix the extrusion securely to a machine bed or casting. 3 off magnets are supplied</p>	<p>A-9936-0611</p>	
<p><b>XK10 fixturing positioning disc</b></p> <p>These discs are used as part of the XK10 fixturing kit to position the extrusion on the machine bed and prevent lateral movement. 3 off positioning discs are supplied.</p>	<p>A-9936-0612</p>	
<p><b>XK10 system case</b></p> <p>The case allows transportation of all components of the system. An injection moulded, watertight, dustproof case. Integral trolley handle and built in wheels for easy transportation. Provision for padlocks for added security. Dimensions: 625 mm length x 500 mm height x 297 mm depth. Weight empty 10.85 kg, weight when loaded 16 kgs.</p>	<p>A-9936-0615</p>	
<p><b>XK10 fixturing case</b></p> <p>The case allows transportation of all components of the fixturing kit. A soft fabric case with convenient carry handle.</p> <p>Dimensions: 111.5 mm length x 493 mm height x 338 mm depth. Weight empty 2.8 kg, weight when loaded 7 kgs.</p>	<p>A-9936-0616</p>	
<p><b>Base pin kit</b></p> <p>The base pin kit consists of 1 off short pin and 1 off long pin, that can be screwed into the base of the launch unit for more versatile mounting options. These include mounting the launch in a spindle or screwing it onto a magnetic base.</p>	<p>A-9936-0617</p>	
<p><b>Extrusion fixing kit</b></p> <p>The extrusion fixing kit includes 4 off universal fastenings and 4 off universal butt fastenings that can be used with extrusions to mount an XM-60, XM-600 or XK10.</p>	<p>A-5103-4649</p>	

<p><b>Wireless module</b></p> <p>The XK10 wireless module can be attached to either the S unit or the M unit in place of the communications cable to enable wireless communication with the display unit.</p>	<p>A-9936-0622</p>	
<p><b>Magnetic reference mount</b></p> <p>The XK10 magnetic reference mount enables the S unit or M unit to be magnetically mounted onto the side or edge of a rail, and easily located along its length. The reference mount is designed to enable repeatable positioning along the length of the rail. It also allows easy rotation of the S unit or M unit, which can be locked in place at 90° intervals.</p>	<p>A-9936-0630</p>	
<p><b>Launch extrusion mount</b></p> <p>The mount allows the launch unit to be attached to an extrusion for more versatile mounting. The launch unit can be fixed to the plate using the built in magnetic feet. The plate is lined with 8 x M8 holes for mounting to an extrusion.</p>	<p>A-9936-0631</p>	
<p><b>XK10 magnetic base</b></p> <p>The XK10 magnetic base is used for mounting the M unit or S unit in combination with the mounting post kit, A-9936-0618. The base has an on/off switch and a female M6 fixing thread on the upper side.</p>	<p>A-9936-0632</p>	
<p><b>XK10 magnetic base with rotating head</b></p> <p>The XK10 magnetic base is used for mounting the M unit or S unit in combination with the mounting post kit, A-9936-0618. The base has an on/off switch and a female M6 fixing thread on the upper side. It has a rotating head so that the M unit can be rotated when taking flatness measurements.</p>	<p>A-9936-0633</p>	
<p><b>XK parallelism kit</b></p> <p>The XK parallelism kit is an additional accessory required to carry out parallelism measurements. It allows two nominally parallel straightness measurements to be carried out without moving the launch.</p>	<p>A-9936-0160</p>	
<p><b>XK parallelism stage kit</b></p> <p>The XK parallelism stage kit is for use with the parallelism optic or M unit to allow lateral adjustment during parallelism measurements. The stage can be mounted to a tripod, to a magnetic base, or to the reference mount.</p>	<p>A-9936-0151</p>	
<p><b>Alignment target</b></p> <p>The alignment target is used with the XK parallelism kit to align the XK launch with the axis of travel.</p>	<p>A-9936-0792</p>	

<p><b>XK tripod mount kit</b></p> <p>XK tripod mount kit can be used with a tripod when there is no space to directly mount the launch to the machine structure.</p> <p>Kit contains 2 off XK tripod mounts plus a custom foam insert for easy storage in the XK10 case.</p>	<p>A-9936-0170</p>	
<p><b>XK tripod mount single</b></p> <p>The XK tripod mount can be used with a tripod when there is no space to directly mount the launch to the machine structure.</p>	<p>A-9936-0171</p>	
<p><b>XK parallelism kit case</b></p> <p>A protective case with specifically designed inserts for safe and clean storage of the XK parallelism kit.</p> <p>Dimensions: 270 mm length x 246 mm width x 174 mm depth. Weight empty 1.6 kg, weight when loaded 3.5 kgs</p>	<p>A-9936-0152</p>	
<p><b>XK parallelism optic dust cap</b></p> <p>The optic dust cap can be inserted into the XK parallelism optic to prevent dust entry when not in use.</p>	<p>A-9936-0791</p>	