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Cleaning material

This specialised material is supplied for the removal of contamination from the location faces of the magnetically retained kinematic couplings of stylus and module changing probe systems.

CAUTION: Failure to regularly inspect and clean the kinematic couplings as instructed may lead to an accumulation of contaminants and a consequential loss of measuring performance.

The kinematic coupling mechanisms, incorporated throughout the system, have a precision ball and V-groove seating, electrical contacts and permanent magnets. These features should be visually inspected and cleaned, if necessary, using this material.

Please refer to product specific documentation for information on the recommended cleaning regime. In the absence of this information, clean all features before the first use and subsequently, every month or 500 changes (whichever occurs first).

The presence of airborne particles of ferromagnetic materials (such as cast iron) will require more frequent inspection. Only easily visible particles or dust accumulations are likely to cause measurable loss of performance.

If additional cleaning material is required please order from your local Renishaw supplier (part number A-1085-0016).

CAUTIONS: To ensure effective cleaning, do not reuse any area of the material. Both sides of the material may be used.

Do not apply to optical window (if applicable).

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There are two methods of using the cleaning material:

For small diameter products (see figure 1)

1. Peel back the protective film and press the material firmly into the kinematic coupling faces.

For larger diameter products (see figure 2)

1. With clean hands tear off a small piece of material and shape it into a ball.

2. Press into / onto each of the features in turn, rotating to a fresh piece of material for each feature, taking care to ensure none of the cleaning material is left behind.

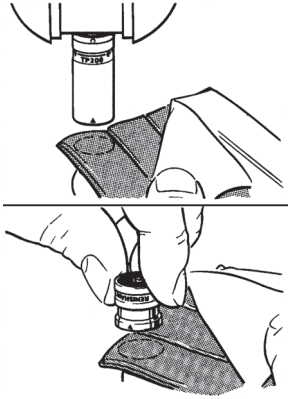

Figure 1

Figure 2

For worldwide contact details, visit www.renishaw.com/contact

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