

THE MEUSBURGER SPEED LAP SYSTEM

THE SPEED LAP SYSTEM COMPRISES OF PADS AND BARS FOR APPLYING DIAMOND COMPOUNDS IN ORDER TO OBTAIN HIGH SURFACE QUALITY WHILE SAVING TIME.

- » New composite material
- » Prevents the washing out of soft constituents and the formation of built-up edges
- » Higher material removal rate (compared to other lapping techniques)
- » Less sensitive to pressure
- » Enables consistent, scratch-free lapping
- » Sturdy lapping bars

TECHNICAL INFORMATION

» Preparing the lapping pads:

Before using the lapping pads for the first time, use a fine abrasive paper or diamond foil to hone them.

» Preparing the lapping bars:

Adjust the lapping bars to the shape of the surface on which you are going to use them; this can be done with sanding discs, abrasive paper or files. You can use a collet to hold circular lapping bars.

» Grit:

The optimum grit size is 6 μm but you can also use a coarser grain structure. If required, you can lap to 3 μm .

» Lubrication:

You can use VLM 5 Cutting fluid or VLM 20 Polishing oil for thinning the diamond compound.

» Pressure:

For 60-70% of this work step, apply light pressure; for the rest of the time, that is: for finishing, do not apply any pressure.

» Hand-filing machine:

Speed: 4.000-7.000 min^{-1}

Stroke length: 0.5-1.0 mm

