

Glass Support Plate

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The glass support plate is a smooth, clear 8" \varnothing x 0.25" T plate that provides an ultra-flat surface for lapping products (Figure 1). It is intended to be used on top of a standard or magnetic MultiPrep™ platen when standard platens do not provide a flat or smooth enough surface due to grooves and/or rough surfaces from manufacturing. Following standard alignment of the MultiPrep™, the glass plate can be used accordingly:

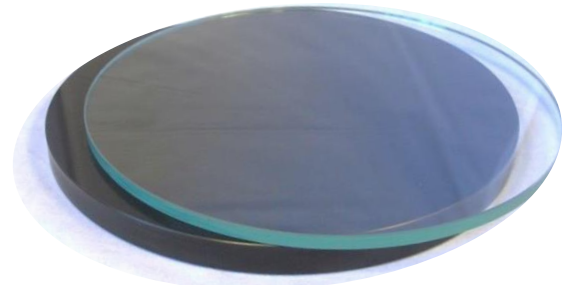


Figure 1: Glass support plate (top), platen (bottom, not included with purchase)

Plain Glass Support Plate

1. Place the glass plate on top of a dry standard MultiPrep™ platen.
2. Adhere the glass directly to the platen by wrapping electrical tape around the perimeter of both the glass and the platen (Figure 2).
3. Place diamond lapping film on the glass plate and use it as normal.



Figure 2: Electrical tape is wrapped around both the glass and the platen.

Magnetic Glass Support Plate

1. Place a magnetic glass support plate on a magnetic MultiPrep™ platen (Figure 3).
2. Place diamond lapping film on the glass plate and use it as normal.
3. Tape and other adhesives are not necessary.

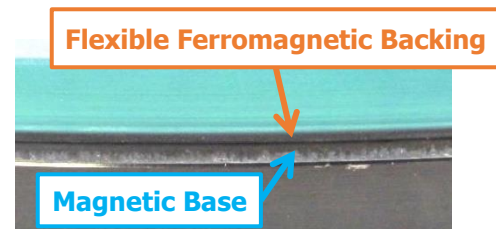


Figure 3: Magnetic glass plate on a magnetic platen

Lapping with a Glass Support Plate

The glass plate can be used as a lapping surface in conjunction with diamond compounds or diamond lapping films and a designated polishing lubricant. The plate is hard and does not compress, allowing for tighter edge tolerances and better flatness than compressible polishing cloths.

Product Numbers

- 69-10030 Glass Support Plate, Plain, 8"
69-10030M Glass Support Plate, Magnetic Back, 8"