

## USER'S GUIDE ROTO-FINISH

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## REVOLUTIONARY FOR FREQUENT SHARPENING AND POLISHING ON THE SIDE OF THE SQUARE

Grinding (light sharpening) and polishing with our patented self-rotating diamonds is done three times faster than with a fixed diamond. In addition, by rotating, diamond wear is uniformly applied over the entire surface. It should be known that fixed diamonds wear out in the form of groove, which round the edge.



## HOW TO PROCESS

1. The Roto-Finish is mounted on the handle of the Tuning-File. Adjust the desired angle of sharpening by pushing the cursor, engage the Roto-Finish underneath and to the bottom of the clamp and tighten the black screw slightly.
2. The Roto-Finish is a precision sharpener with which you simply reciprocate by pressing the handle against the sole and pressing the discs slightly against the side edge. It is important to support little when first going back and forth, especially when the edge has scratches that can injure the diamond washers.

## MAINTENANCE

- Diamond discs rotate correctly if they are not injured, worn out, or dirty (such as wax or ice).

The discs are removed from the plastic body by pulling them slightly. They are cleaned as follows: wet, spread a drop of dishwashing liquid, let it act for a moment, brush with a brass brush and rinse with water.

- From time to time, put a drop of oil in the two holes (oil for bike or sewing machine but not for motor).
- Diamond washers are self-adhesive; we offer them in spare parts. Remove the old washers; eliminate traces of glue ideally by leaving the discs on a small cloth soaked with adhesive remover for 5 minutes, then scrub. If the glue is very hard, it may be worthwhile scratching gently

## TUNING-FILE AND ROTO-FINISH 400 POLISHING

1. Pre-grinding with the diamond on the back of the file.
2. Sharpening with RACE file (LRACE) or extra fine file (LFINISH).
3. Polishing with Roto-Finish 400; usually 6 back and forth movements, 12 back and forth for competitors and, on particularly abrasive snows, add 6 back and forth movements with the Roto-Finish 800.

## TWIN ROTO CONCEPT

This technique, sensational during frequent sharpening, requires two Roto-Finish, the 200 and the 400, ideally each mounted on its handle.

1. Roughing with the roto-finish 200: sharpening in about 10 back and forth movements, handle adjusted to the angle of the edge, same angle that was chosen when sharpening with the file (for example 3 °).
2. Finish with roto-finish 400: polish in 6 back and forth movements, handle set at 1 ° less than the Roto-Finish 200 (if the roughing is done at 3 °, the finish will be at 2 °). For the competition, 6 back and forth movements to the Roto-Finish 800 are added at the same angle as the Roto-Finish 400.

## USEFUL INFORMATIONS

- On soft snow, where the edges are slightly rounded and do not need to be super sharp, few back and forth movements of polishing with the Roto-Finish 400 are sufficient to keep the edge in good condition and efficient.
- Before each polishing or sharpening of the side edge, we advise to polish slightly in two to three back and forth movements, the base edge with the long diamond file 400 in the GT guide, usually with our SET20.