

# Tormek Grindstones

The Tormek Original Grindstone has been developed over the years to combine an efficient steel removal, smooth surface finish and a long life. Since it is not possible to incorporate the fastest steel removal and the finest surface finish in a single stone, we have developed two optional stones to cope with special needs; the fast grinding Blackstone Silicon and the fine Japanese Waterstone. The instruction manual is based on the Original Grindstone but it is applicable to the Blackstone Silicon as well. The Japanese Waterstone has a different composition, since it is made to create the finest surface. It has a limited steel removal capacity and cannot be used for shaping a tool.

## **Tormek Original Grindstone SG-250 and SG-200**

This is standard on the models T-8, T-7 and 2000 (SG-250) and on the models T-4/T-3 and 1200 (SG-200). It copes with all types of tools and steel qualities including HSS. It grinds effectively whilst also giving a fine finish to the bevel. The grit is 220. It gives you two different cutting actions in one stone. From its normal 220 grit condition, it can be graded with the Stone Grader SP-650 to work like a 1000 grit stone. This is a great advantage, since you can do the fine sharpening with the same setting of the jig as used for the first shaping of the tool with the stone in its normal 220 grit condition. You save time and the cost for an extra stone.

## **Tormek Blackstone Silicon SB-250**

This is available only for the models T-8, T-7 and 2000 (SB-250). It has been developed for HSS and other exotic alloys. Its faster steel removal is an advantage especially when grinding tools with a large bevel surface, where the grinding pressure is limited, e.g. planer blades and woodturning skewers. The SB-250 does not offer faster steel removal on ordinary carbon steel. The Tormek Blackstone Silicon can also touch up tungsten carbide. The grit size is the same 220 as the original Tormek SG-250 stone. Thanks to its sharp and relatively small grains, the Blackstone removes hard steel efficiently even at low grinding pressure. Like the Tormek Original Grindstone, the Tormek Blackstone Silicon can be graded with the Stone Grader SP-650.

## **Tormek Japanese Waterstone SJ-250 and SJ-200**

This is available for the models T-8, T-7 and 2000 (SJ-250) and for the T-4/T-3 and 1200 models (SJ-200). The grit size is 4000 and the stone delivers a mirror finish with hardly any visible grooves. It has been developed for sharpening hand tools, when the shape and edge angle are already established but you need an extra fine surface. It is ideal for carving tools, knives, scissors, plane irons and wood chisels. The surface left by the Japanese Waterstone is so fine that the tool should not be honed on the leather honing wheel. Use a light pressure at the end of the sharpening for the finest surface.

You should clean the stone surface of steel particles every minute or so with the fine side of the Stone Grader SP-650. Do not use the coarse side of the Stone Grader on the Japanese Waterstone.