

Water Cooled Grinding and Sharpening of Edge Tools

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Edition 9.5

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I would like to thank the Tormek users around the world for their tips and advice in the preparation of this handbook. The close contact with the many skilled craftsmen at exhibitions and by correspondence has been most inspiring and beneficial in the development of our water cooled grinding and sharpening system.

Torgny Jansson

Changes in edition 9.5

- Introducing the Turning Tool Setter TTS-100.
- New Straight Edge Jig SE-76.
- New sub chapter *Sharpening Techniques for Turning Tools* (page 25).
- The chapters SVD-185 and SVS-50 are revised due to the new Turning Tool Setter TTS-100.
- New layout and cover design.

Earlier editions

Edition 9.3 The new Truing and Dressing Tool TT-50 with screw feed is introduced. This replaces the ADV-50D Truing Tool. Some images are updated.

Edition 9.2 The denominations of the machines are changed from SuperGrind 2000 to Tormek 2000 and from SuperGrind 1200 to Tormek 1200. The new profiled leather honing wheel LA-120 with exchangeable leather discs is introduced.

Edition 9.0 A new grinding jig for moulding knives, SVP-80, is introduced. In the SVD-185 chapter, the page describing the various shapes is amended. The number of line drawings is increased to 549.

Edition 8.0 The Universal Support now incorporates a micro adjust so that you can more exactly and easily make the fine setting. Sharpening of hollowing tools on the SVD-110 Tool Rest is described. The chapter *Diamond Truing Tool, ADV-50D* is revised. The number of line drawings is increased to 529.

Edition 7.1 The SVM-45 and the SVM-100 instructions are modified. The IR (Instant Replication) method for re-sharpening of turning gouges and turning skew chisels is introduced in the chapters SVD-185 and SVS-50. The SVH-320 instruction is revised.

Edition 7.0 The grinding jig SVD-180 is replaced by the new jig SVD-185, which also copes with turning cutters. The SVD-185 jig has also a new, specially designed mounting disc, which enables mounting of any size of tool. The number of line drawings is increased to 524 and the number of pages to 149.

Edition 6.0 This edition includes the new Short Tool Jig SVS-32. The general instructions for carving gouges and carving V-tools have been revised and put in separate chapter, *Sharpening Techniques for Carving Gouges and V-tools*. The 2000 series housing now has a new design and there is a scale on the machine label showing the stone diameter. The grinding and ticketing of cabinet scrapers are covered in the chapter on the SVD-110 Tool Rest. The cover is amended. The number of line drawings is increased to 502 and the number of pages to 147.

Edition 5.0 The chapter dealing with the grinding, re-sharpening and honing of turning gouges in the SVD-180 jig is revised. The factors determining the shape of a fingernail bowl gouge are explained and there is a graph survey showing various shapes. There is also detailed advice on how you set the jig at re-sharpenings in the easiest way. The number of line drawings is increased from 450 to 468 and the number of pages is increased from 129 to 137.

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