

# Edge tool sharpening the TORMEK way

**Unique Jigs**  
Create and replicate the ideal shape and edge angle.



**Leather Honing Wheel**  
Removes the burr and polishes the edge to a razor sharpness.

**Universal Support with micro adjust**  
Foundation of the system. Can be placed for grinding **towards** or **away** from the edge.

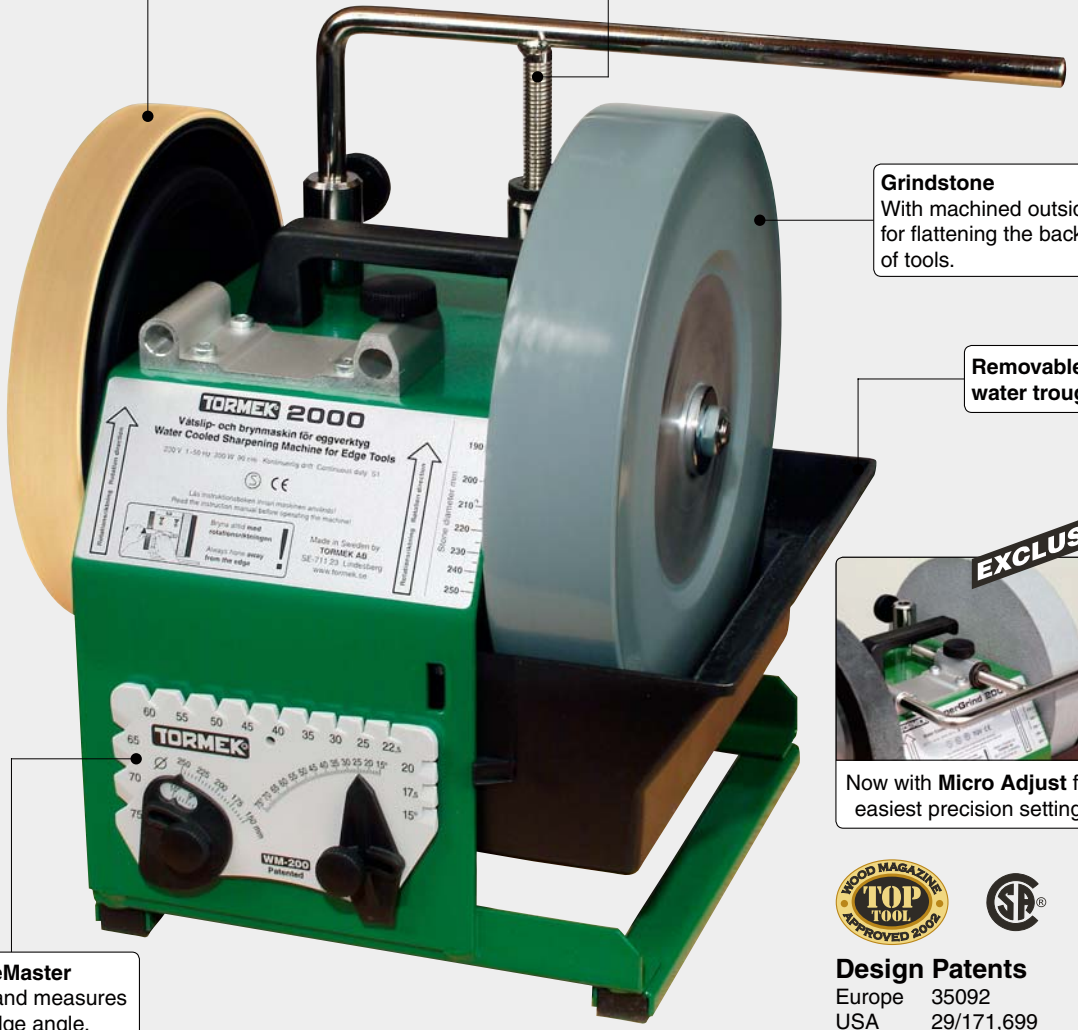
**Grindstone**  
With machined outside for flattening the back of tools.

**Removable water trough**



Now with **Micro Adjust** for easiest precision setting!

**AngleMaster**  
Sets and measures the edge angle.



**Design Patents**  
Europe 35092  
USA 29/171,699

The TORMEK way is a dramatic improvement in edge tool sharpening. Anybody can now sharpen and hone an edge with an accuracy previously not possible – much more easily and faster. You can shape the tool exactly to your needs. Even such complicated shapes as fingernail turning gouges, spoon carving gouges and oval skew chisels with a radiused edge are easily sharpened. And you can exactly replicate a previous sharpening in less than a minute.

The water cooled slow turning grindstone is in perfect harmony with the physical laws governing the steel tool ensuring that the edge does not overheat and lose its hardness.

You finish the sharpening process on the leather honing wheel, which lets you polish the edge to a razor sharpness with no need for bench stones.

The TORMEK method is safe. At the low speed you can fully control the grinding operation. Since no sparks are produced, there is no risk to your eyes and you can safely use the machine in areas of high fire risk.

[www.tormek.us](http://www.tormek.us)  
Log on for more information about the unique TORMEK system!



# Unique jigs create and replicate the ideal shape and edge angle

## Woodturning



## Woodcarving



## Cabinet making



## Other applications

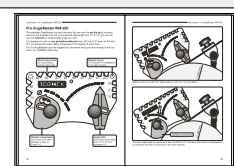


## These accessories complete the system

<p><b>Diamond Truing Tool</b> With this Truing Tool, you can easily maintain the stone exactly round and flat. It also ensures that the grinding surface is always parallel to the Universal Support.</p>	<p>ADV-50D</p>	<p><b>Stone Grader</b> The grindstone has a 220 Grit. It can be adjusted with the Stone Grader to give a finer finish corresponding to 1000 Grit. Using the coarse side, the stone is reversed to normal fast grinding and also renews a glazed stone.</p>	<p>SP-650</p>
<p><b>Profiled Leather Honing Wheel</b> With exchangeable leather discs. For the inside honing and polishing of turning gouges, carving gouges and V tools. Mounts outside the standard leather honing wheel.</p>	<p>LA-120</p>	<p><b>AngleMaster</b> <b>Sets</b> any edge angle from 10° to 75° with an accuracy of 1°. You can also <b>measure</b> an existing edge angle in the grooves. Works with any stone diameter from Ø 10" down to Ø 6".</p>	<p>WM-200</p>
<p><b>Honing Compound</b> For application on the leather honing wheels. Polishes the edge to a mirror finish. Impregnate the leather with light machine oil before the first use.</p>	<p>PA-70</p>	<p><b>Handbook</b> "Water cooled grinding and sharpening of edge tools", by Torgny Jansson. Hard back edition. 156 pages and over 500 detailed line drawings.</p>	<p><b>Instruction video</b> Makes the instructions of the handbook come alive. The symbols of the sections are continuously shown in the picture for your guidance and fast rewinding. 23 minutes.</p>

You can download the entire handbook from our website [www.tormek.us](http://www.tormek.us)

The book shows you in detail how to work with your TORMEK system. It also explains the basics of edge tool sharpening. These are the subjects covered. **Grinding and sharpening, Edge angle and bevel angle, Dry grinding and wet grinding, Vertical and horizontal grinders, Hollow bevel, Grinding direction, Grinding pressure, Tool rests and grinding jigs, Honing and grinding technique for carving gouges and V tools.**





# Options when selecting your TORMEK system

## Supplied with the machine



Straight Edge Jig



AngleMaster



Honing Compound



Handbook



Instruction Video

## Accessories

You can choose your TORMEK system to suit your needs. Select one of the extra value customised kits or buy each accessory separately to build your own system step by step.

### • Magnum Accessory Kit, CAK-115



Planer/Joiner Blade Jig



Jig for gouges and turning cutters



Multi Jig



Short Tool Jig



Tool Rest



Axe Jig



Knife Jig



Long knife Jig



Scissors Jig



Diamond Truing Tool



Stone Grader



Profiled Leather Honing Wheel



Machine Cover

### • Woodturner's Accessory Kit

WTK-109

SVD-185

SVS-50

SVD-110

ADV-50D

SP-650

LA-120

MH-380

### • Woodcarver's Accessory Kit

WCK-106

SVD-185

SVS-32

ADV-50D

SP-650

LA-120

MH-380

### • Cabinet Maker's Accessory Kit

CMK-104

SVH-320

ADV-50D

SP-650

MH-380

### • Home Craftsman's Accessory Kit

HCK-101

SVM-45

SVX-150

ADV-50D

SP-650

## Technical data

- Grindstone of aluminum oxide,  $\varnothing 10" \times 2"$  (250 x 50 mm).
- Honing wheel of genuine leather,  $\varnothing 8 \frac{1}{4}" \times 1 \frac{1}{2}"$  (220 x 31 mm).

- Motor for 115 V 1~ 60 Hz. Rated for continuous operation.
- Power (input) 200 W.
- Running speed 90 rpm.

- Torque on stone 14.7 Nm.
- Width  $10 \frac{5}{8}"$  (270 mm), depth 10" (250 mm), height  $12 \frac{3}{4}"$  (325 mm).
- Weight excl. packaging 32 lbs.

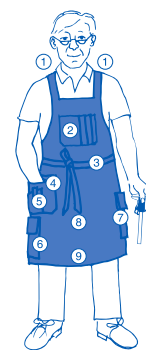
**NEW!** Available as an accessory

AN-04

### Cabinet maker's apron

#### Practical and comfortable

1. Shoulder support. No pressure on your neck.
2. Easy access to calculator, note pad and pencils.
3. Extra long tapes for all sizes. Tie at the front or the back.
4. Generous pocket with cover for tape rule etc.
5. Secure storage for your cellphone.
6. Pocket with cover for your folding square or folding rule.
7. Special pocket with dust protection flap for your caliper.
8. No pockets on the front for ease of working.
9. Full length for complete clothing protection.
10. 100 % cotton. Washable and colour fast.



NB. Not included with machines or kits.

## Some expert assessments

### Woodturning, UK:

"The wet-grinding method leaves a polished, burr free edge without any overheating of the tool. This polished surface creates less friction in use, thus aiding the durability of the cutting edge.

Due to less frequent sharpening with wet grinding, the tool life is significantly prolonged, since less material is removed. ...

The evidence suggests that using a wet-grinding method gives a sharper edge and cleaner cuts with more than double the effective turning time between sharpening. From the graphic data, it can be seen that, even after 18 minutes of continuous turning in softwood, the wet-ground tool was still cutting more than three-and-a-half times faster than the dry-ground tool."

Robbie Farrance.

### Wood Carving Illustrated:

"As a woodworker and woodcarver for 20 years, I've been plagued by multiple bevels on my tools, cutting angles that were too short or too long, and blued edges. After dispensing with silicon carbide wheels, I mounted aluminium oxide wheels on my grinder – white, blue and pink in color. Eventually I abandoned them for a horizontal grinding wheel. It seems I was always searching for the perfect grinding system to put an edge on my tools as quickly as possible. I purchased as many holding fixtures, but I still felt that I was the victim of guesswork. Recently, however, I discovered Tormek®, and it's a dream come true – a machine that sharpens and hones with the precision of a surgical team."

Roger Schroeder

### Wood Magazine wet grinder test:

"We chose the TORMEK as the sharpening machine we'd most like to see in our shop. It provides superior results faster and easier than any other machine in the test. And the leather stropping wheel put such a fine edge on our tools that they needed no further honing on bench stones."

Tom Jackson.

### Traditional Woodworking, UK:

"Anyone who has ground a tool by holding it in the hand on a tool rest must admit that when it comes to accuracy, this is a bit of a hit and miss method. How convenient it is, then, to know that the tool held in a jig will be ground exactly to the required angle, and that a previously ground angle can be repeated spot-on.

...

Fellow craftsmen have suggested that having to hold the tool in a jig shows a lack of skill, and that the time taken to put the tool in a jig and set up the machine is wasted time.

My reply to these criticisms is that the proof of the pudding is in the eating. While there may be less skill involved using a jig, I counter these claims by stating that I can grind and sharpen quicker and more accurately using the Tormek, which means I produce more work in a given time – and thus earn more money!"

Jim Kingshott.

## Order planner

Sharpening system		lbs	Price
<b>TORMEK 2006</b>	<b>SVH-60</b> <b>WM-200</b> <b>PA-70</b> <b>HB-10</b> <b>VID-4</b>	34.66	
<b>Accessory Kits</b>			
<b>CAK-115</b>	<b>Magnum Accessory Kit</b> SVH-320 SVD-185 SVS-50 SVS-32 SVD-110 SVA-170 SVM-45 SVM-100 SVX-150 ADV-50D SP-650 LA-120 MH-380	11.18	
<b>WTK-109</b>	<b>Woodturner's Accessory Kit</b> SVD-185 SVS-50 SVD-110 ADV-50D SP-650 LA-120 MH-380	4.69	
<b>WCK-106</b>	<b>Woodcarver's Accessory Kit</b> SVD-185 SVS-32 ADV-50D SP-650 LA-120 MH-380	3.49	
<b>CMK-104</b>	<b>Cabinet maker's Accessory Kit</b> SVH-320 ADV-50D SP-650 MH-380	5.89	
<b>HCK-101</b>	<b>Home Craftsman's Accessory Kit</b> SVM-45 SVX-150 ADV-50D SP-650	3.03	
<b>Grinding Jigs (individual)</b>			
<b>SVH-320</b>	<b>Planer/Jointer Blade Jig</b> For HSS blades of any length. Min. width ½". Also for mitre guillotine blades.	3.92	
<b>SVP-80</b>	<b>Moulding Knife Jig</b> Sharpens all makes and shapes of moulding knives with 24, 30 or 38 mm distance between guide hole centres. Max width 100 mm.	2.69	
<b>SVD-185</b>	<b>Jig for gouges and turning cutters</b> For fingernail shaped turning gouges. Bent carving gouges and V tools. Max. tool width 1". Also for turning cutters.	0.88	
<b>SVS-50</b>	<b>Multi Jig</b> For turning skew chisels, parting and beading tools and roughing gouges. Straight carving gouges up to 2" width.	0.61	
<b>SVS-32</b>	<b>Short Tool Jig</b> For straight shanked carving gouges and V tools down to 1 ¾" length. Short wood chisels and tools for power carvers. Max. tool width 1 ¼".	0.20	
<b>SVD-110</b>	<b>Tool Rest with TORLOCK</b> For turning scrapers, carving scorps, carving inshaves, screwdrivers, cabinet scrapers. Hollowing tools. Spoke shave blades.	0.59	
<b>SVA-170</b>	<b>Axe Jig</b> For carving and carpenter's axes. Max. axe size 6 ½".	0.33	
<b>SVM-45</b>	<b>Knife Jig</b> For most knives. Min. blade length 2 ¾". Carver's draw knives.	0.44	
<b>SVM-100</b>	<b>Long Knife Jig</b> Stabilizes a thin blade. Min. blade length 4 ¾".	0.47	
<b>SVX-150</b>	<b>Scissors Jig</b> For scissors and shears. Also for portable electric hand planer blades.	0.96	
<b>Accessories (individual)</b>			
<b>ADV-50D</b>	<b>Diamond Truing Tool</b> Trues the stone exactly round and flat.	0.55	
<b>SP-650</b>	<b>Stone Grader</b> For grading the grindstone to a finer grit. Also for renewing a glazed stone.	0.83	
<b>LA-120</b>	<b>Profiled Leather Honing Wheel</b> With exchangeable leather discs. For inside honing and polishing of gouges and V tools.	0.68	
<b>MH-380</b>	<b>Machine Cover</b> For protecting the machine from wood dust.	0.33	
<b>AN-04</b>	<b>Cabinet Maker's Apron</b> With shoulder support, no pressure on your neck. Extra long tapes for all sizes. Special pockets with covers. 100 % cotton.	0.97	
<b>Replacement parts</b>			
<b>SVH-60</b>	<b>Straight Edge Jig</b> For plane irons, wood chisels and spoke shave blades.	0.44	
<b>WM-200</b>	<b>AngleMaster</b> For setting and measuring any edge angle from 10° to 75°.	0.20	
<b>PA-70</b>	<b>Honing Compound</b> For the Leather Honing Wheels.	0.20	
<b>HB-10</b>	<b>Handbook</b> "Water cooled grinding and sharpening of edge tools."	0.93	
<b>VID-4</b>	<b>Instruction Video</b> "The TORMEK method of grinding, sharpening and honing edge tools".	0.35	
<b>XB-100</b>	<b>Horizontal Base for the Universal Support</b> For grinding away from the edge. For upgrading earlier models.	0.35	
<b>US-105</b>	<b>Universal Support with micro adjust</b> An extra Universal Support permits a convenient mounting in both the vertical and the horizontal position. Also for upgrading earlier models.	1.16	
<b>SVD-005</b>	<b>Update Kit for SVD-180</b> Updates your SVD-180 jig to the new SVD-185 jig.	0.32	
		<b>Total</b>	

9018-0510  
We reserve the right to make technical modifications without prior notice.



TORMEK U.S.A.  
1-800-5-TORMEK

Dealer WOODCRAFT SUPPLY