

Sharpening



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How To Sharpen Knives

Keeping your knives sharp is key to your safety & performance! Taking the time to learn how to properly grind & hone your knives will ensure you minimise the possibility of injury and help fast track your career to becoming a high-performance Knife Hand.

Why is a Sharp Knife a Safe Knife?

A blunt knife requires extra cutting force which can lead to repetitive strain injuries (RSI) and other soft tissue injuries. It can also lead to accidents, such as run-on injuries (where the hand slips off the handle onto the blade). If an accident does occur, a sharp knife will create a clean cut that will heal faster than a rugged cut from a blunt knife.

What Tools are Required?

There are 2 main stages to sharpening a knife: Grinding & Honing.

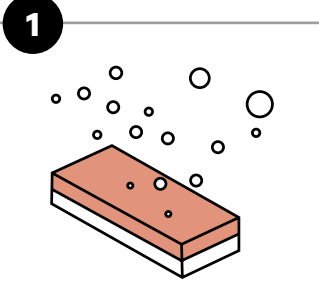
Grinding the knives edge on a sharpening stone will remove metal to form the correct angle bevel.

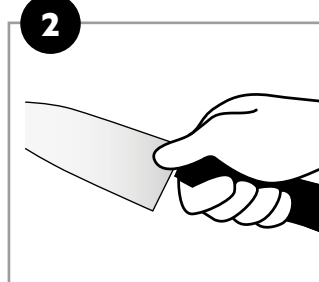
A sharpening/honing steel is then used to maintain the apex of the cutting edge throughout the day. When the blade comes into contact with bones or the cutting surface, the thin cutting edge will become rolled over. The sharpening steel will stand the edge back up and bring the sharpness level back to normal.

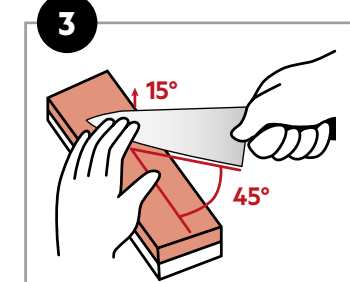
As a general rule, if you use a knife every day, you should grind the knife on a stone every 1-2 days and hone the knife edge every 2-5 cuts (or as required). Keeping 2 or 3 sharp knives in your knife pouch will ensure maximum safety and peak performance throughout your shift.

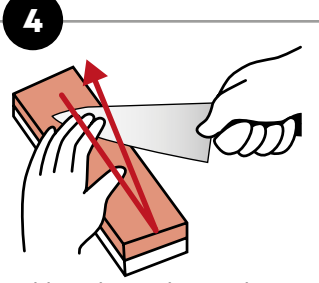
Step-By-Step Sharpening Guide

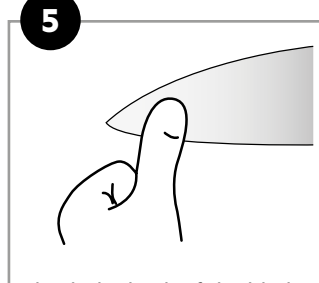
STAGE 1 : Grinding

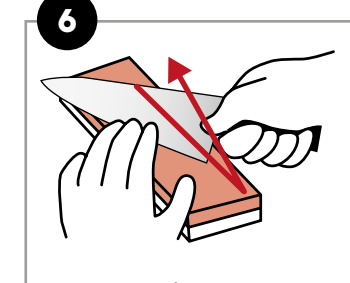
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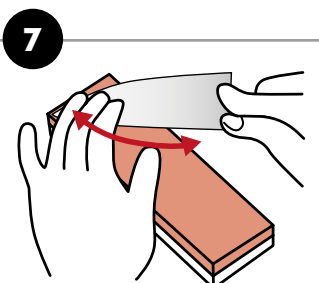
Submerge the whetstone in water until there are no visible air bubbles.
- 

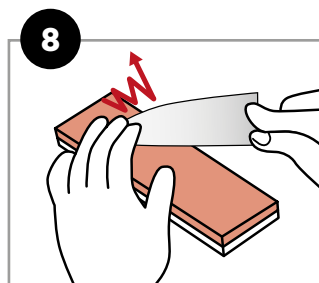
Hold the knife firmly in your primary hand, blade down, securing the flat of the blade with your thumb.
- 

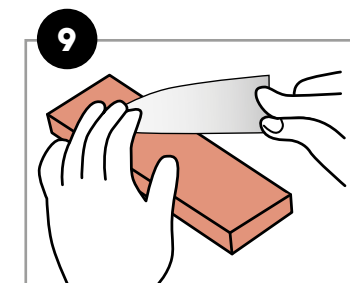
Position the knife facing you at 45° to the centre line of the stone, with the blade tilted to 15°.
- 

Holding the angle, run the blade back and forth starting with the tip using your other hand to apply pressure.
- 

Check the back of the blade for burrs, this means that you are taking metal off the blade and sharpening it.
- 


Continue working in sections from the tip to the heel of the blade, repeating steps 4 and 5 till burrs emerge from the entire back edge.
- 


Remove the burrs from the back of the blade by turning the knife to face away from you again at a 45° angle to the stone and tilted at 15°.
- 

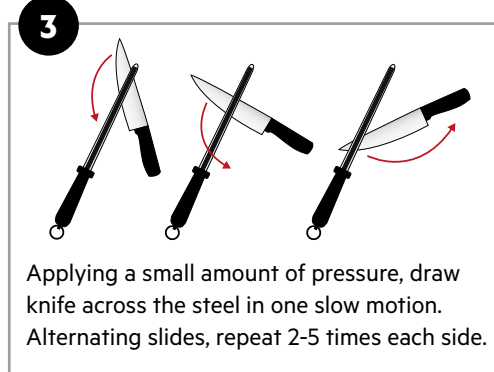
Work the back of the blade lightly from the tip to heel until all burrs are removed, checking regularly.
- 

To refine the edge select a finer stone and repeat the process.

STAGE 2 : Honing

- 

Hold the steel & knife firmly.
- 

Approx. 15-20°
Keep blade at consistent angle.
- 

Applying a small amount of pressure, draw knife across the steel in one slow motion. Alternating slides, repeat 2-5 times each side.

How to Choose the Right Sharpening Steel

There are 4 main factors to consider when choosing a sharpening steel.

The Shape Of The Rod

Sharpening steels are available in different shapes which are explained below:



Round

One of the most common rod shapes. The contact surface is standard, which makes for easier sharpening. They are generally the lightest in weight. Ideal for beginners.



Oval

An oval shape offers more surface area and therefore less passes are required. This makes for quick and easy sharpening. Ideal for beginners.



Flat

The large surface area means less passes are required. Offering fast and easy sharpening.



Square

Offers 2 faces of grit. Must be used carefully to avoid damage to the blade. Recommended for experienced operators.

The Cut Of The Rod

Steel rods are available in different cuts/grits.

The cut/grit will alter the surface quality and the abrasion on the cutting edge of the knife. A choice of different sharpening steel cuts are available depending on the desired material abrasion. Every brand will have a variety of cuts/grits to choose from ranging from fine to coarse which are explained in the following pages.

The Size Of The Rod

Sharpening steels are available in a variety of lengths. The size of the sharpening steel required will depend on the size of the knife blade. The length of the sharpening steel rod must be the same or longer than the length of the knife blade.

The Hardness Of The Blade

Before choosing a sharpening steel it's important to know the hardness of your knives. The harder the blade of the knife, the more abrasive your steel must be. For knives with ultra hard blades, a diamond or ceramic sharpening steel is recommended.



Alternatives To Sharpening Steels

Handling a sharpening steel can, under certain circumstances, be time consuming and complicated, particularly for beginners. Automatic steels are an excellent alternative to sharpening steels and are popular choice for those new to knife work and in high production environments where there is little time to stop and sharpen.





F.Dick Sharpening Steel Range

F.Dick Sharpening Steels are the global leaders in sharpening, offering a large range of classic and unique sharpening steels of every cut, length and shape. Made in Germany from the highest quality components, F.Dick sharpening steels offer exceptional reliability and long lasting use.

F.DICK SHARPENING STEEL CUTS/GRITS

Polished

No abrasion. Ideal for honing and straightening an already sharp edge. To be used lightly and often while working, before any noticeable loss to the knives cutting performance.

Sapphire Cut

Very low abrasion for polishing and straightening the cutting edge when only slightly worn.

Super Fine Cut

Light abrasion for maintaining an edge with a hint of tooth.

Standard Cut / Regular Cut

Aggressive enough to restore an edge and fine enough to leave it in good cutting shape. Ideal for maintaining the working edge or before finishing with a fine cut, sapphire or polished steel.

Diamond Cut

High abrasion to quickly re-establish an edge of a dull knife. To be used before finishing with a standard or fine cut steel.

Ceramic

Suitable for hard steel grade knives, such as high carbon.

F.Dick DICKORON Sharpening Steel Range

F.Dick's signature sharpening steel range, the DICKORON range offers a steel for every application. Crafted for long lasting and wear resistant use, the special handles ensure a safe grip.



7-5983-30

F.Dick Classic Sharpening Steels

Features:

Classic sharpening steel for an extremely fine cut.

Code	Description	Shape	Pack Qty
7-5981-30	F.Dick DICKORON Sharpening Steel 12" Inch (30cm) Sapphire Cut, Round		6
7-5981-35	F.Dick DICKORON Sharpening Steel 14" Inch (35cm) Sapphire Cut, Round		6
7-5983-30	F.Dick DICKORON Sharpening Steel 12" Inch (30cm) Sapphire Cut, Oval		6



7-5973-30

F.Dick Hygienic Sharpening Steels

Features:

Rod and fittings made from corrosion-resistant stainless steel. Features hygienic one piece plastic handle to eliminate residue and bacteria build up. Ideal for corrosive environments such as fish and poultry processing.

Code	Description	Shape	Pack Qty
7-5971-30	F.Dick Hygienic Sharpening Steel 12" Inch (30cm) Sapphire Cut, Round		6
7-5973-30	F.Dick Hygienic Sharpening Steel 12" Inch (30cm) Sapphire Cut, Oval		6



7-5003-30

F.Dick Micro Sharpening Steel

Features:

Extreme fine cut steel ensures a higher edge retention of a very fine edge.

Code	Description	Shape	Pack Qty
7-5003-30	F.Dick Micro Sharpening Steel 12" Inch (30cm) Super Fine, Oval		6



F.Dick Polish Sharpening Steel

Features:
Mirror finished, hard-chrome plates steel.

Code	Description	Shape	Pack Qty
7-5503-30	F.Dick Polish Sharpening Steel 12" Inch (30cm) Polished, Oval		6



F.Dick Titan Sharpening Steel

Features:
Durable long lasting steel. Featuring an ultra hard, special coating that is three times harder than standard coating.

Code	Description	Shape	Pack Qty
7-9103-30	F.Dick Titan Sharpening Steel 12" Inch (30cm) Ultra Hard, Special Coating, Oval		6

F.Dick Dual Sharpening Steels

F.Dick Dual Sharpening Steels feature 2 types of grit which eliminates the need for multiple steels.



F.Dick Combi Sharpening Steel

Features:
2 sides polished and 2 sides sapphire cut. Ideal for someone who prefers to work with one steel only.

Code	Description	Shape	Pack Qty
7-5982-30	F.Dick Combi Sharpening Steel 12" Inch (30cm) Dual Cut (Polished/Sapphire Cut), Square		6



F.Dick Hygienic Combi Sharpening Steel

Features:
2 sides polished and 2 sides sapphire cut. Rod and fittings made from corrosion-resistant stainless steel. Features hygienic one piece plastic handle to eliminate residue and bacteria build up. Ideal for corrosive environments such as fish and poultry processing.

Code	Description	Shape	Pack Qty
7-5961-30	F.Dick Hygienic Combi Sharpening Steel 12" Inch (30cm) Dual Cut (Polished/Sapphire Cut), Round		6



F.Dick Multiron Sharpening Steel

Features:
Combination of fine cut and regular cut. Use heavy pressure for sharpening and light pressure for honing.

Code	Description	Shape	Pack Qty
7-6503-30	F.Dick Multiron Sharpening Steel 12" Inch (30cm) Dual Cut (Fine/Regular Cut), Oval		6



F.Dick Duo Sharpening Steel

Features:
Features a solid stainless steel core with a duo coating of diamond and ceramic.

Code	Description	Shape	Pack Qty
7-9302-25	F.Dick Duo Sharpening Steel 10" Inch (25cm) Dual Cut (Diamond/Ceramic), Oval		6

F.DICK Speciality Sharpening Steels



F.Dick Honorary Sharpening Steel

Features:

Elegantly crafted with the finest stainless steel. Named the Honorary as it features ebony wood handles with nickel inserts for engraving.

Code	Description	Shape	Pack Qty
7-5871-25	F.Dick Honorary Sharpening Steel 10" Inch (25cm) Sapphire Cut, Round		6
7-5873-30	F.Dick Honorary Sharpening Steel 12" Inch (30cm) Sapphire Cut, Oval		6



F.Dick 2000 Sharpening Steel

Features:

Designed with line contact and a superfine cut for a perfect finish to the knives edge.

Code	Description	Shape	Pack Qty
7-2000-28	F.Dick 2000 Sharpening Steel 11" Inch (28cm) Super Fine Cut, Flat		6



F.Dick Balkan Sharpening Steel

Code	Description	Shape	Pack Qty
7-1434-25	F.Dick Balkan Sharpening Steel 10" Inch (25cm) Fine Cut, Flat		6



F.Dick Multicut Sharpening Steel

Features:

7 steels in one! The grooves create a grinding effect with heavy pressure and hone the edge with light pressure.

Code	Description	Shape	Pack Qty
7-6504-28	F.Dick Multicut Sharpening Steel 11" Inch (28cm) Multi-Cut, Flat		6



F.Dick Regular Cut Sharpening Steels

Features:

Regular cut steels with metal finger guard.

Code	Description	Shape	Pack Qty
7-6551-25	F.Dick Sharpening Steel 10" Inch (25cm) Regular Cut, Round		6
7-6551-30	F.Dick Sharpening Steel 12" Inch (30cm) Regular Cut, Round		6
7-6551-35	F.Dick Sharpening Steel 14" Inch (35cm) Regular Cut, Round		6
7-6553-30	F.Dick Sharpening Steel 12" Inch (30cm) Regular Cut, Oval		6

F.DICK 2K Handle Range

Features slip-proof surface for wet and greasy working environments. Features ergonomic handles with distinctive finger guard. Hygienic and safe with same reliable steel that F.Dick are renowned for.



F.Dick 2K Regular Cut Sharpening Steels

Code	Description	Shape	Pack Qty
7-3171-25-63	F.Dick 2K Sharpening Steel 10" Inch (25cm) Regular Cut, Round		6
7-3171-30-63	F.Dick 2K Sharpening Steel 12" Inch (30cm) Regular Cut, Round		6
7-3171-35-63	F.Dick 2K Sharpening Steel 14" Inch (35cm) Regular Cut, Round		6
7-3173-30-63	F.Dick 2K Sharpening Steel 12" Inch (30cm) Regular Cut, Oval		6



F.Dick Diamant 2K Sharpening Steel

Features:




Long lasting, diamond coated steel.

Code	Description	Shape	Pack Qty
7-3203-25-75	F.Dick Diamant 2K Sharpening Steel 10" Inch (25cm) Diamond Coated, Flat		6



7-3883-25-66


F.Dick FineCut 2K Sharpening Steels

Code	Description	Shape	Pack Qty
7-3883-25-66	F.Dick FineCut 2K Sharpening Steel 10" Inch (25cm) Fine Cut, Oval		6
7-3571-30-66	F.Dick FineCut 2K Sharpening Steel 12" Inch (30cm) Fine Cut, Round		6
7-3573-30-66	F.Dick FineCut 2K Sharpening Steel 12" Inch (30cm) Fine Cut, Oval		6



7-3893-25-66


F.Dick Poliron 2K Sharpening Steel

Code	Description	Shape	Pack Qty
7-3893-25-66	F.Dick Poliron 2K Sharpening Steel 10" Inch (25cm) Polished, Oval		6



7-3882-25-66


F.Dick Combi 2K Sharpening Steel

Code	Description	Shape	Pack Qty
7-3882-25-66	F.Dick Combi 2K Sharpening Steel 10" Inch (25cm) Dual Cut (Fine/Polished), Square		6



7-3712-25-66

F.Dick Scandic 2K Sharpening Steel

Code	Description	Shape	Pack Qty
7-3712-25-66	F.Dick Scandic 2K Sharpening Steel 10" Inch (25cm) Dual Cut (Fine/Regular Cut), Square		6


F.Dick Economical Range

Economical range of sharpening steels available in polished, fine cut and regular grits.



7-7561-30


F.Dick Eurocut Fine Cut Sharpening Steel

Code	Description	Shape	Pack Qty
7-7561-30	F.Dick Sharpening Steel 12" Inch (30cm) Fine Cut, Round		6



7-7551-30


F.Dick Eurocut Regular Cut Sharpening Steel

Code	Description	Shape	Pack Qty
7-7551-30	F.Dick Sharpening Steel 12" Inch (30cm) Regular Cut, Round		6



7-4691-25


F.Dick Polished Sharpening Steel

Code	Description	Shape	Pack Qty
7-4691-25	F.Dick Sharpening Steel 10" Inch (25cm) Polished, Round		6



7-4701-25

F.Dick Fine Cut Sharpening Steel

Code	Description	Shape	Pack Qty
7-4701-25	F.Dick Sharpening Steel 10" Inch (25cm) Fine Cut, Round		6



Egginton Sharpening Steel Range

Made in England, Egginton are renowned for their craftsmanship utilising the finest quality steels and componentry. All blades are crafted from high carbon steel hardened to 64 Rockwell, magnetised and hard chrome plated.

EGGINTON SHARPENING STEEL CUTS/GRITS

Super Fine

Ideal for environments where a high level of sharpness needs to be constantly maintained.

Fine

Recommended for most professional knives that are well maintained.

Polished

Re-aligns the blade and maintains a razor-like edge on an already sharp knife.

Medium

Maintains a sharp edge but not as fine as the fine cuts.

Helical Coarse

Quickly recreates the edge on a very blunt knife.

Diamond

Super durable. Still sharpens after 40,000 strokes!

Egginton Sharpening Steels



P-443-2-12

Egginton Bulls Head Sharpening Steels

Features:

1.75" Inch hexagon guard and stainless steel hanging ring.

Code	Description	Shape	Colour	Pack Qty
P-447-5-12	Egginton Bulls Head Sharpening Steel 12" Inch (30cm) Super Fine Cut, Round - Blue	○	●	6
P-447-3-12	Egginton Bulls Head Sharpening Steel 12" Inch (30cm) Fine Cut, Round - Blue	○	●	6
P-443-2-10	Egginton Bulls Head Sharpening Steel 10" Inch (25cm) Medium Cut, Round - Black	○	●	6
P-443-2-12	Egginton Bulls Head Sharpening Steel 12" Inch (30cm) Medium Cut, Round - Black	○	●	6
EP-445-7-10	Egginton Bulls Head Sharpening Steel 10" Inch (25cm) Polished, Oval - Red	◌	●	6
P-442-14-12	Egginton Bulls Head Sharpening Steel 12" Inch (30cm) Helical Coarse Cut, Round - White	○	○	6



P-202-2-10

Egginton Medium Cut Professional Sharpening Steel

Features:

1.5" square guard and stainless steel hanging ring.

Code	Description	Shape	Colour	Pack Qty
P-202-2-10	Egginton Professional Sharpening Steel 10" Inch (25cm) Medium Cut, Round - White	○	○	6



EP-247-9-12

Egginton Diamond Cut Professional Sharpening Steel

Features:

Features diamond coated stainless steel with 2" Inch hexagon guard for extra hand protection and stainless steel hanging ring.

Code	Description	Shape	Colour	Pack Qty
EP-247-9-12	Egginton Professional Sharpening Steel 12" Inch (30cm) Diamond Cut, Oval - Blue	◌	●	6



SQP-205-6-12

Egginton Professional Dual Cut Sharpening Steel

Features:

1.5" square guard and stainless steel hanging ring.

Code	Description	Shape	Colour	Pack Qty
SQP-205-6-12	Egginton Professional Dual Cut Sharpening Steel 12" Inch (30cm) Fine/Polished, Square - Red	□	●	6

Sharpening Steels



Dexter Polished Sharpening Steel

Code	Description	Shape	Pack Qty
12SB-12	Dexter Sharpening Steel 12" Inch (30cm) Polished, Round		6



Dexter Ceramic Sharpening Steel

Code	Description	Shape	Pack Qty
P-10	Dexter Sharpening Steel 10" Inch (25cm) Ceramic, Round		6



Dexter No Work Sharpening Steel

Code	Description	Shape	Pack Qty
NWSC-10	Dexter No Work Pole Steel 10" Inch (25cm) Coarse Cut, Round		6



Victorinox Fine Cut Sharpening Steel

Code	Description	Shape	Pack Qty
7-8003	Victorinox Sharpening Steel 7" Inch (18cm) Fine Cut, Round		6



CCS180

Cambrian Sharpening Steels

Code	Description	Shape	Pack Qty
CSS130	Cambrian Sharpening Steel 12" Inch (30cm) Coarse, Round		10
CSS140	Cambrian Sharpening Steel 12" Inch (30cm) Medium, Round		10
CSS150	Cambrian Sharpening Steel 12" Inch (30cm) Fine, Round		10
CSS160	Cambrian Sharpening Steel 12" Inch (30cm) Extra Fine, Round		10
CSS180	Cambrian Sharpening Steel 12" Inch (30cm) Polished, Round		10
CSS158	Cambrian Sharpening Steel 12" Inch (30cm) Dual Cut (Fine/Polished), Round		10
CSS068-BK	Cambrian Sharpening Steel 6" Inch (15cm) Polished Black Nitrile, Round		10
CSS160-BK	Cambrian Sharpening Steel 12" Inch (30cm) Extra Fine Black Nitrite, Round		10
CSS180-BK	Cambrian Sharpening Steel 12" Inch (30cm) Polished Black Nitrile, Round		10

Sharpening Steel Accessories

Rubber Sharpening Steel Guards

Features:

- Offers extra protection for hands.
- Protects the sharpening edge of the knife while honing.
- Fits most oval and round steels.



BE995



BE996



Code	Description	Shape	Colour	Pack Qty
BE995	Rubber Sharpening Steel Guard, Oval - Black			6
BE996	Rubber Sharpening Steel Guard, Round - Black			6

Automatic Steels

Automatic steels are a popular tool in the meat processing industry where knives repeatedly come into contact with bones, benches and cutting boards.

Due to continuous contact with hard surfaces, the knife edge rolls over but can quickly be restored with an automatic steel.

Similar to a sharpening steel, an automatic steel re-aligns a sharp cutting edge. When the cutting edge no longer exists, it can only be restored by sharpening using a stone or machine.

Automatic steels are also ideal for new or inexperienced workers and on high-speed production lines, such as chicken boning, where the product is continually moving and there is limited time to stop and sharpen.

BENEFITS

- ✓ **SAVES TIME** - Whenever a knife feels dull, one or two strokes through an automatic steel will bring the edge up. This takes much less time than using a traditional steel, particularly if it's bench mounted and in easy reach.
- ✓ **IDEAL FOR ALL SKILL LEVELS** - Learning to sharpen knives takes time and plenty of practice. Automatic steels increase productivity for new workers, allowing them to focus on their cutting skills while ensuring they are always working with a sharp knife.
- ✓ **LIGHT WEIGHT** - Lighter and less drag on the waist belt increases operator comfort.

PORTABLE OR MOUNTED AUTOMATIC STEELS?



PORTABLE AUTOMATIC STEELS

If the worker needs to frequently walk while on the production line, a portable automatic steel can be carried on the waist belt.



MOUNTED AUTOMATIC STEELS

A mounted automatic steel can be mounted on a bench, either permanently or by using a permanent bracket but a removable steel. For permanent mounting, we recommend all stainless steel models, such as the Caribou Stainless Steel or the F.Dick Silver Steel. Bench-mounted but removable models include the Bobet SharpEasy or F.Dick Master Steel.

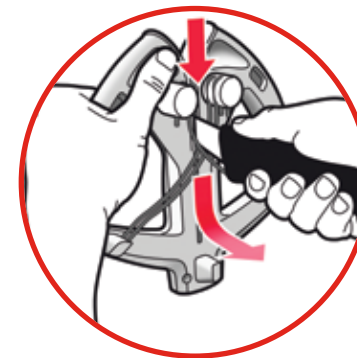


F.Dick Automatic Steels

Made in Germany, the F.Dick range of automatic steels are available in four styles. All models work on the same principle. Simply draw the knife blade through the steel rods a few times to achieve the perfect edge.

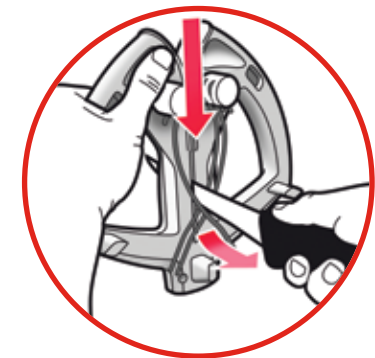
Created in consultation with the meat processing industry, F.Dick Automatic Steels are an industry favourite ensuring the highest levels of workplace efficiency, safety and hygiene.

HOW TO SHARPEN USING AN F.DICK AUTOMATIC STEEL



STEP ONE

Draw the knife with light pressure through the rods. Use the spring action of the rods without bottoming the knife.



STEP TWO

Repeat this action a few times to achieve a razor sharp edge.

F.Dick Automatic Steel Range

F.Dick Silver Steel Hyperdrill Automatic Steel

Features:

- The F.Dick Silver Steel HyperDrill is made from 100% hardened stainless steel. This ensures that no small fragments of plastic end up in the food product.
- The unit can be mounted or used as a handheld device.
- The angled handles with an extra thumb rest guarantee optimal handling and ensures a secure hold when wearing gloves.
- Can be used from either side.



Code	Description	Pack Qty
9-0086-00	F.Dick Silver Steel Hyperdrill Automatic Steel	1
9-0086-16	F.Dick Super Fine Sharpening Rods	2
9-0086-02	F.Dick Silver Steel Holder Extension	1
9-0082-02	F.Dick Bench Mounting Bracket	1

F.Dick Magneto Steel Automatic Steels

Features:

- The F.Dick Magneto features integrated magnets that guide the knife through the automatic steel.
- This ensures the correct angle is achieved and results in a perfect cutting edge.
- Protective plates made of stainless steel safely guide the knife and stop plastic cuts falling into the food product.
- Serving as a polishing unit, the clever design protects the knife blade during the drawing movement.
- Recessed grips on the front side guarantee perfect handling and a safe grip – even when wearing chain mesh gloves.
- The Magneto Hyperdrill is for honing and smoothing while the Magneto Polish is for straightening and polishing.



Code	Description	Pack Qty
9-0084-00	F.Dick Magneto Steel Hyperdrill Automatic Steel	1
9-0085-00	F.Dick Magneto Steel Polish Automatic Steel	1

F.Dick Rapid Action Automatic Steel

Features:

- Offers ease of maintenance and an ergonomic shape for fast and safe sharpening.
- Achieve a perfect edge everytime by simply drawing the blade through the stainless steel rods.
- Achieves a more aggressive sharpening effect.
- Features special coated rods for sharpening blunt knives.
- Stand included.



Code	Description	Pack Qty
9-0092-00	F.Dick Rapid Action Automatic Steel Set	1

F.Dick Rapid Hyperdrill Automatic Steel

Features:

- Rapidly improves an edge that has been dulled by contact with bones and hard surfaces.
- Equivalent of running a knife over a sharpening steel 4 times!
- Features super fine tension rods for honing and smoothing.
- Excellent for general purpose use.



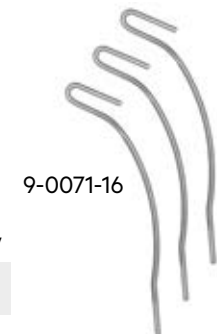
Code	Description	Pack Qty
9-0081-00	F.Dick Rapid Hyperdrill Automatic Steel	1

F.Dick Replacement Rapid Steel Rods

Features:

- Suits both Rapid Steels - 9-0092-00 and 9-0081-00

Code	Description	Pack Qty
9-0071-16	F.Dick Replacement Rapid Steel Rods	3



F.Dick Master Steel Automatic Steel

Features:

- Offers fast and safe operation as a hand-held unit or mounted to a bench.
- The extended handle makes the steel extremely easy to hold.
- The hyperdrill features super fine cut rods for smoothing.



Code	Description	Pack Qty
9-0082-00	F.Dick Master Steel Hyperdrill Automatic Steel	1
9-0082-02	F.Dick Master Steel Hyperdrill Bench Mounted Bracket	1

Bobet SharpEasy Automatic Steel Range

Features:

- The popular Bobet SharpEasy Automatic Steel range comes with a mount to securely fasten to a bench.
- It can be easily removed for cleaning and can also be hung off a belt for convenient portable use.
- The unit features a guide to position the knife correctly.
- The pre-tensioned bar provides regular edge maintenance and v-sharpened tongues quickly straighten worn or damaged edges.
- The unique honing bars are pre-tensioned and can be conveniently replaced without the need for tools.



KS-B10



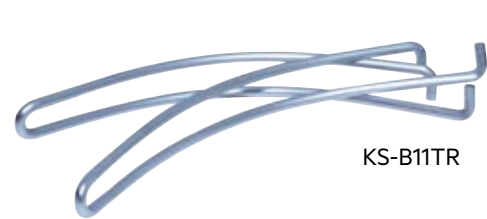
KS-B11

KS-B12

KS-B13

KS-B14

KS-B15



KS-B11TR

KS-B11RH
2 mounting
positions

Code	Description	Colour	Pack Qty
KS-B10	Bobet SharpEasy Automatic Steel - Stainless Steel	●	1
KS-B11	Bobet SharpEasy Automatic Steel - Yellow	●	1
KS-B12	Bobet SharpEasy Automatic Steel - Blue	●	1
KS-B13	Bobet SharpEasy Automatic Steel - Red	●	1
KS-B14	Bobet SharpEasy Automatic Steel - Black	●	1
KS-B15	Bobet SharpEasy Automatic Steel - White	○	1
KS-B11TR	Bobet SharpEasy Sharpening Rods	●	2
KS-B11RH	Bobet SharpEasy Replacement Holder/Mount	●	1

Tempus Surge Automatic Steel Range

Features:

- The Tempus Surge is a lightweight and portable automatic steel that is exceptionally comfortable to wear attached to a belt.
- Featuring spring-loaded honing wires, the Tempus Surge will effectively maintain the cutting edge of the knife all day.
- It's also hygienic, featuring a snap-open and snap-close case for easy cleaning.
- Fitted with a 'V' hard edge, the Tempus Surge will also recondition a damaged knife edge as a temporary measure until you have time to resharpen the knife.

Using the Tempus Surge



Normal Steeling



Edge Testing



Hard Edge

Maintenance of the Tempus Surge



Replacing Element



Releasing handle

Handle open ready
for cleaning

KS-T50-10



KS-T50-11



KS-T50-12



KS-T50-13

Code	Description	Pack Qty
KS-T50	Tempus Surge Automatic Sharpening Steel	1
KS-T50-10	Tempus Surge Replacement Tension Spring	1
KS-T50-11	Tempus Surge Replacement Screws	1
KS-T50-12	Tempus Surge Replacement Cover Clip	1
KS-T50-13	Tempus Surge Replacement Test Element	8



KS-T50



Caribou Automatic Steel — Stainless Steel

Features:

- Rugged and reliable, the Caribou Automatic Steel is extremely durable and easy to clean and sterilize.
- Used to revive and reform the cutting edge.
- Made from high quality stainless steel, the unit can be mounted directly to a bench.
- Stand sold separately.
- Available in standard and compact models.



Code	Description	Pack Qty
KS-X1	Caribou Automatic Steel – Stainless Steel	1
KS-SX1	Stand To Suit Caribou KS-X1 Automatic Steel – Stainless Steel	1
KS-X21	Caribou X21 Compact Automatic Steel – Stainless Steel	1
KS-SX21	Stand To Suit Caribou KS-X21 Automatic Steel – Stainless Steel	1

Sharpening Stones



Norton Bear Sharpening Stones

Features:

- Oiled and non-oiled sharpening stones available.
- Fast cutting stone for general sharpening of knives, tools and shears.
- Fast stock removal for quick edge sharpening with minimal loading.
- Combination grit stones feature one fine side and one coarse side.



Norton Bear Sharpening Stones — Single Grit

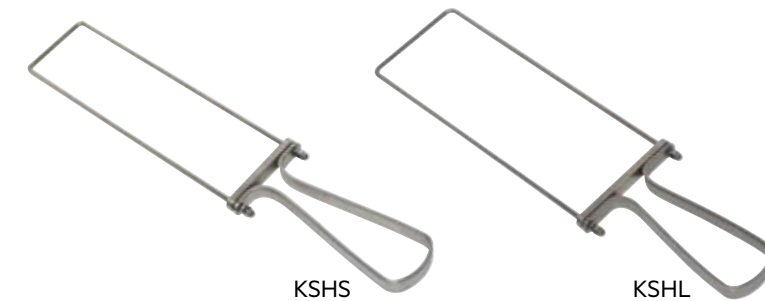
Code	Description	Pack Qty
KS-115	Norton Bear Non-Oil Sharpening Stone 8 x 2" Inch (200mm x 50mm) Silicon Carbide, Single Grit, Fine	1



Norton Bear Sharpening Stones — Combination Grit

Code	Description	Pack Qty
KS-108N	Norton Bear Non-Oil Sharpening Stone 8 x 2" Inch (200mm x 50mm) Silicon Carbide, Combination, Fine/Coarse	1
KS-100N	Norton Bear Non-Oil Sharpening Stone 9 x 3" Inch (230mm x 75mm) Silicon Carbide, Combination, Fine/Coarse	1
KS-IB8	Norton Bear Oil-Filled Sharpening Stone 8 x 2" Inch (200mm x 50mm) Aluminium Oxide, Combination, Fine/Coarse	1
KS-108	Norton Bear Oil-Filled Sharpening Stone 8 x 2" Inch (200mm x 50mm) Silicon Carbide, Combination, Fine/Coarse	1
KS-100	Norton Bear Oil-Filled Sharpening Stone 9 x 3" Inch (230mm x 80mm) Silicon Carbide, Combination, Fine/Coarse	1

Sharpening Stone Holders



Code	Description	Pack Qty
KSHS	Small Sharpening Stone Holder, Suits 8 x 2" Inch (200mm x 50mm) Sharpening Stones	1
KSHL	Large Sharpening Stone Holder, Suits 9 x 3" Inch (230mm x 75mm) Sharpening Stones	1



F. Dick Whetting Stone

Features:

- High quality F. Dick sharpening stone.
- Dual grit - 360/1000



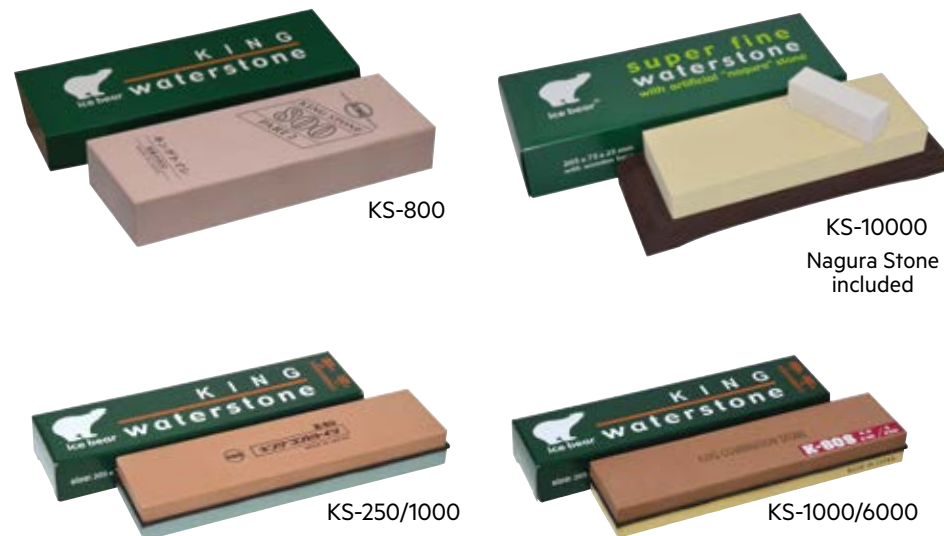
Code	Description	Pack Qty
7-1360-00	F. Dick Whetting Stone 8 x 2" Inch (200mm x 50mm x 25mm) Dual Grit, 360/1000	1



Ice Bear King Waterstone Sharpening Stones

Features:

- Finest quality stones made in Japan.
- Superfine grits create an ultra-sharp edge and bring the knife blade back to a mirror finish.
- Feel and speed of a natural stone with the consistency of a man made stone.
- Combination waterstones ideal for those new to waterstones!
- 10,000 grit sharpening stone supplied with Nagura stone. Used to build up slurry on the surface of the stone, which helps with the polishing process.



Ice Bear King Waterstone Sharpening Stones — Single Grit

Code	Description	Pack Qty
KS-800	Ice Bear King Waterstone Sharpening Stone (207mm x 66mm x 34mm) 800 Grit	1
KS-6000	Ice Bear King Waterstone Sharpening Stone (185mm x 62mm x 15mm) 6000 Grit	1
KS-10000	Ice Bear King Waterstone Sharpening Stone (205mm x 75mm x 25mm) 10,000 Grit	1

Ice Bear King Waterstone Sharpening Stones — Combination Grit

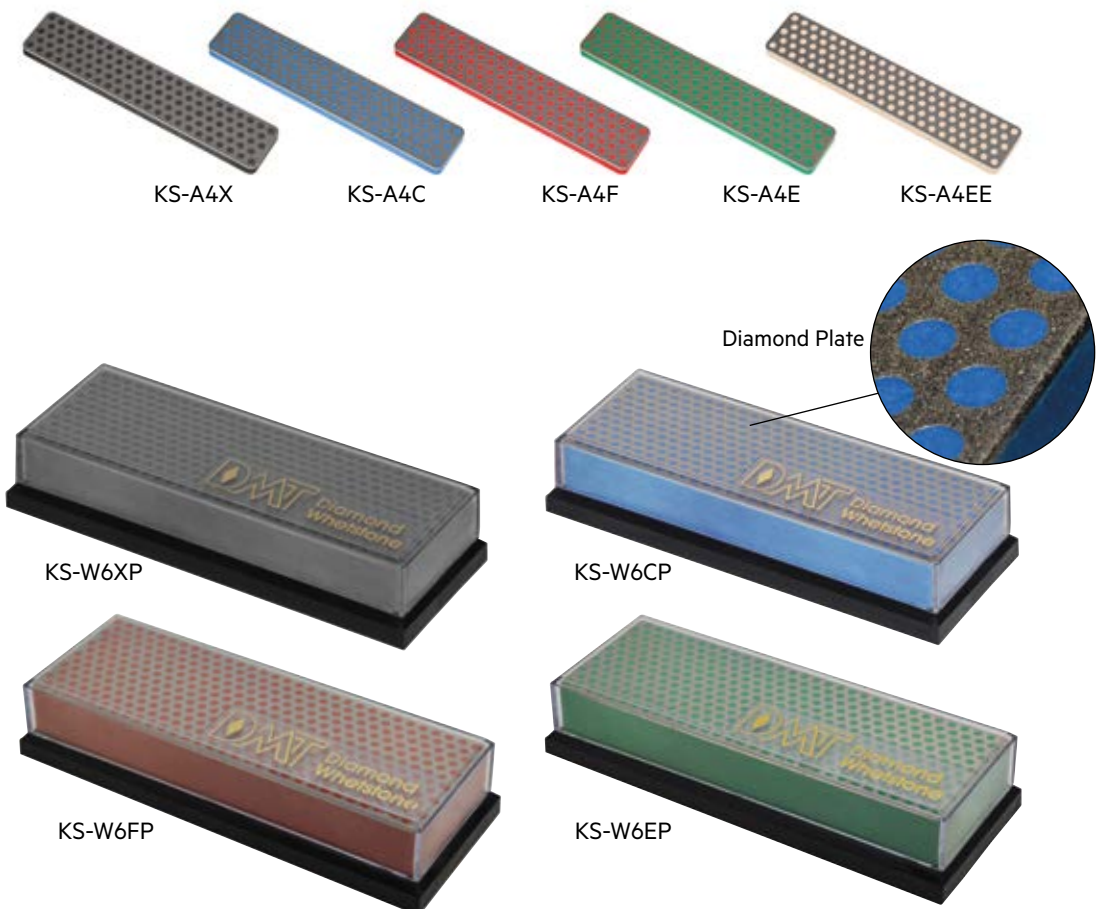
Code	Description	Pack Qty
KS-250/1000	Ice Bear King Combination Waterstone Sharpening Stone (205mm x 50mm x 25mm) 250/1000 Grit	1
KS-1000/6000	Ice Bear King Combination Waterstone Sharpening Stone (207mm x 66mm x 36mm) 1000/6000 Grit	1



DMT Diamond Whetstone™ Sharpening Plates

Features:

- Made in USA.
- Interrupted diamond surface with recessed holes collects metal during sharpening to prevent loading and makes sharpening fast, easy and clean.
- Available in variety of grits.
- Coarse diamond transforms a dull edge.
- No oils needed, sharpen dry or with water.
- Durable construction provides years of dependable performance and service.



Code	Description	Colour	Pack Qty
KS-A4X	DMT Diamond Whetstone™ Sharpening Plate 4" Inch, Extra Coarse – Black	●	1
KS-A4C	DMT Diamond Whetstone™ Sharpening Plate 4" Inch, Coarse – Blue	●	1
KS-A4F	DMT Diamond Whetstone™ Sharpening Plate 4" Inch, Fine – Red	●	1
KS-A4E	DMT Diamond Whetstone™ Sharpening Plate 4" Inch, Extra Fine – Green	●	1
KS-A4EE	DMT Diamond Whetstone™ Sharpening Plate 4" Inch, Extra Extra Fine – Beige	●	1
KS-W6XP	DMT Diamond Whetstone™ Sharpening Plate 6" Inch, Extra Coarse – Black	●	1
KS-W6CP	DMT Diamond Whetstone™ Sharpening Plate 6" Inch, Coarse – Blue	●	1
KS-W6FP	DMT Diamond Whetstone™ Sharpening Plate 6" Inch, Fine – Red	●	1
KS-W6EP	DMT Diamond Whetstone™ Sharpening Plate 6" Inch, Extra Fine – Green	●	1



DMT Dia-Sharp® Bench Stones



Features:

- Made in the USA.
- Ideal for anyone who prefers a continuous diamond surface.
- Less aggressive compared to the interrupted surface stones.
- Available in variety of grits.
- Guaranteed not to hollow or groove.
- No oils needed, sharpen dry or with water.

Code	Description	Pack Qty
KS-D4X	DMT Dia-Sharp® Bench Stone 4" Inch (102mm x 22mm x 5mm) Extra Coarse	1
KS-D4C	DMT Dia-Sharp® Bench Stone 4" Inch (102mm x 22mm x 5mm) Coarse	1
KS-D4F	DMT Dia-Sharp® Bench Stone 4" Inch (102mm x 22mm x 5mm) Fine	1
KS-D4E	DMT Dia-Sharp® Bench Stone 4" Inch (102mm x 22mm x 5mm) Extra Fine	1
KS-D6X	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Extra Coarse	1
KS-D6C	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Coarse	1
KS-D6F	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Fine	1
KS-D6FC	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Fine/Coarse	1
KS-D6E	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Extra Fine	1
KS-D6EE	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Extra Extra Fine	1
KS-D6EF	DMT Dia-Sharp® Bench Stone 6" Inch (152mm x 51mm x 6mm) Extra Fine/Fine	1
KS-D8XX	DMT Dia-Sharp® Bench Stone 8" Inch (203mm x 76mm x 10mm) Extra Extra Coarse	1
KS-D8X	DMT Dia-Sharp® Bench Stone 8" Inch (203mm x 76mm x 10mm) Extra Coarse	1
KS-D8C	DMT Dia-Sharp® Bench Stone 8" Inch (203mm x 76mm x 10mm) Coarse	1
KS-D8F	DMT Dia-Sharp® Bench Stone 8" Inch (203mm x 76mm x 10mm) Fine	1
KS-D8E	DMT Dia-Sharp® Bench Stone 8" Inch (203mm x 76mm x 10mm) Extra Fine	1
KS-D8EE	DMT Dia-Sharp® Bench Stone 8" Inch (203mm x 76mm x 10mm) Extra Extra Fine	1

How to clean and care for your DMT® Sharpening Stone

After using a DMT diamond bench stone or sharpener, simply wet it (if it's not already lubricated with water) and wipe the slurry off with a rag. Slurry on the sharpener means the sharpener has done its job.

It's also recommended to deep clean the sharpener every once in a while. Use a common cleanser and scrub with a nylon brush or nylon pad. This will ensure the sharpener does not become clogged with slurry and will sharpen more effectively.

Make sure you dry the sharpener completely before storing away.



Eze-Lap Dia-Sharp® Diamond Bench Stone



Features:

- Versatile, compact and portable.
- No oil or water necessary. The surface remains true and flat.

Code	Description	Pack Qty
KS-71F	Eze-Lap Single-Sided Diamond Bench Stone 2 x 8" Inch, Fine	1
KS-71SF	Eze-Lap Single-Sided Diamond Bench Stone 2 x 8" Inch, Super Fine	1
KS-81SF	Eze-Lap Single-Sided Diamond Bench Stone 3 x 8" Inch, Super Fine	1
KS-DD8SF/XC	Eze-Lap Double-Sided Diamond Stone 3 X 8" Inch, Super Fine/Extra Coarse	1
KS-DD8SF/C	Eze-Lap Double-Sided Diamond Stone 3 X 8" Inch, Super Fine/Coarse	1
KS-DD8SF/F	Eze-Lap Double-Sided Diamond Stone 3 X 8" Inch, Super Fine/Fine	1
KS-DD8SF/M	Eze-Lap Double-Sided Diamond Stone 3 X 8" Inch, Fine/Medium	1

Sharpening Accessories



Ultraglide Knife Sharpening Oil

Features:

- Created specifically for knife sharpening.
- Use on carbon steel knives/tools after cleaning to prevent rusting.

Code	Description	Carton Qty
KS300	Ultraglide Knife Sharpening Oil, 750ml	12



KS300



VICTORINOX

Victorinox Handheld Knife Sharpeners



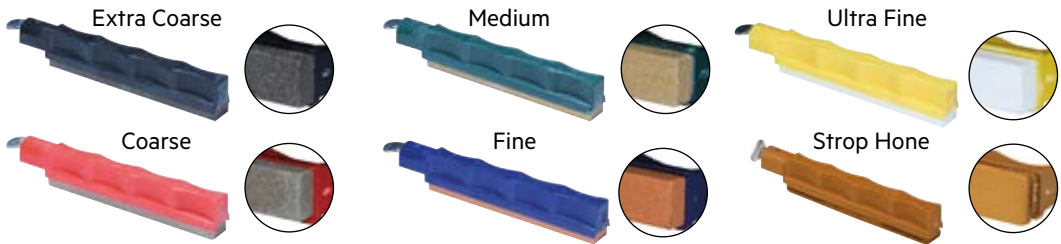
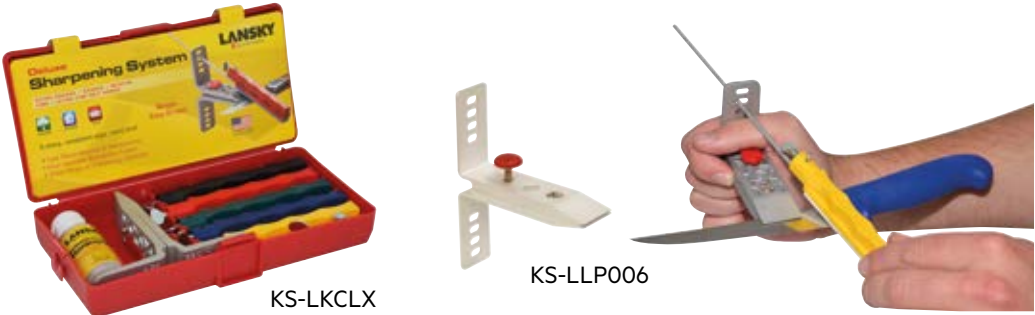
Code	Description	Pack Qty
7-8715	Victorinox Handheld Knife Sharpener	1
7-8721-3	Victorinox Knife Sharpener With Ceramic Wheels	1

Sharpening Kits



Lansky Sharpening Kits

- Features:**
- Achieve a sharp and consistent edge everytime.
 - Simple and easy to use.
 - 4 sharpening angles.



Code	Description	Colour	Pack Qty
KS-LKC03	Lansky Standard Sharpening Kit (3 stones)		1
KS-LKCLX	Lansky Deluxe Sharpening Kit (5 stones)		1
KS-LLK3DM	Lansky Diamond Sharpening Kit (3 Stones)		1

Lansky Replacement Stones & Strop

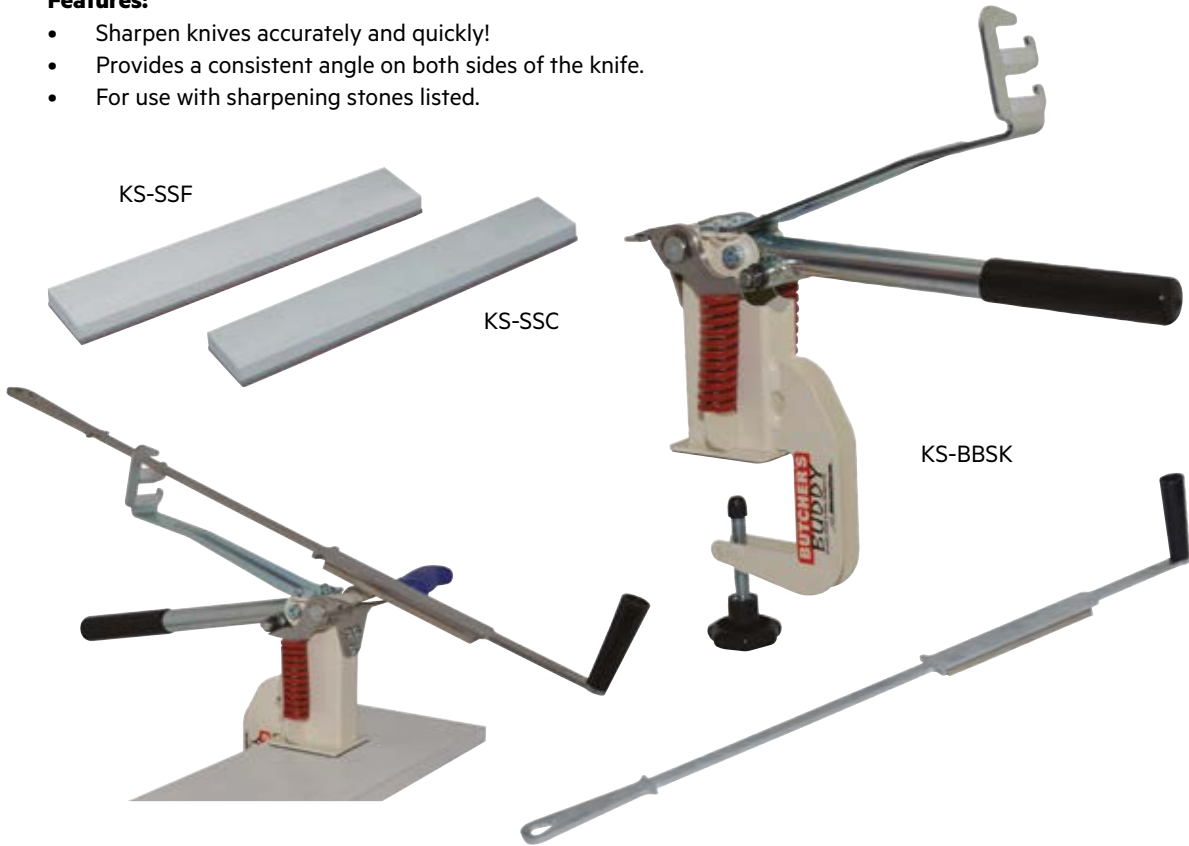
KS-LS0070	Lansky Replacement Stone, Extra Coarse - Black	●	1
KS-LS0120	Lansky Replacement Stone, Coarse - Red	●	1
KS-LS0280	Lansky Replacement Stone, Medium - Green	●	1
KS-LS0600	Lansky Replacement Stone, Fine - Blue	●	1
KS-LS1000	Lansky Replacement Stone, Ultra Fine - Yellow	●	1
KS-LSOBHA	Lansky Replacement Stone, Hard - Arkansas Black	●	1
KS-LLDHCR	Lansky Replacement Diamond Stone, Coarse 120g - Pink	●	1
KS-LLDHMD	Lansky Replacement Diamond Stone, Medium 280g - Orange	●	1
KS-LLDHFN	Lansky Replacement Diamond Stone, Fine 600g - Brown	●	1
KS-HSTROP	Lansky Leather Strop Hone		1

Lansky Replacement Clamps

KS-LLM010	Lansky Super C Clamp		1
KS-LLP006	Lansky Multi-Angle Knife Clamp		1

Butchers Buddy

- Features:**
- Sharpen knives accurately and quickly!
 - Provides a consistent angle on both sides of the knife.
 - For use with sharpening stones listed.



Code	Description	Pack Qty
KS-BBSK	Butchers Buddy Sharpening Kit	1
KS-SSC	Butchers Buddy Stone, 150 Grit, Coarse	1
KS-SSF	Butchers Buddy Stone, 400 Grit, Fine	1

Flipover Blade Sharpening Kit

- Features:**
- Sharpen knives accurately and quickly!
 - For use with combination sharpening stones.
 - Provides a consistent angle on both sides of the knife.



Code	Description	Pack Qty
KS-FBSK	Flipover Blade Sharpening Kit	1
KS-FBSK02	Flipover Blade Sharpening Kit Replacement Stone Frame 2 x 8" Inch and 3 x 9" Inch	1
KS-FBSKC	Flipover Blade Sharpener Replacement Clamp	1

F.Dick Sharpening Machines

F.Dick are the market leaders in **compact sharpening and grinding machines**, best suited to small to medium-sized food manufacturing and processing plants or intensive knife sharpening work.



F.DICK SHARPENING MACHINES OFFER:

- ✓ Made in Germany from high quality components.

✓ For small to medium-sized operations.

✓ Backed by full inventory of spare parts.
- ✓ Knife sharpening and grinding machines available.

✓ Fast, safe and easy to operate.



Knife Sharpening Machines



Grinding Machines



Spare Parts

F.Dick Sharpening Machines

F.Dick RS-75 Knife Sharpening Machine

- Features:**
 - Compact sharpening machine for fast and efficient knife sharpening in smaller commercial kitchens, butchers and food preparation environments.
 - Highly effective sharpening with minimal knife consumption.
 - Fast, safe and easy to operate.
 - Single station with no adjustments necessary.
 - Features durable diamond sharpening wheels that quickly form an edge on any knife.
 - Diamond wheels have a pre-set angle of 34°.

Specifications:
160mm (W) x 160mm (H) x 230mm (D)

Code	Description
9-8060-00	F.Dick RS-75 Knife Sharpening Machine



9-8060-00

Ideal For
Smaller
Operations

F.Dick RS-150 Duo Knife Sharpening Machine

- Features:**
 - Features both diamond and ceramic grinding wheels to quickly create and hone an edge.
 - For sharpening and honing in professional food manufacturing and food service environments.
 - Effective sharpening with minimal knife consumption.
 - Fast, safe, efficient and easy to operate.
 - Features two stations with no adjustments necessary.
 - Diamond wheels have a pre-set angle of 34°. Honing wheels have a pre-set angle of 38°.

Specifications:
330mm (W) X 160mm (H) x 230mm (D)

Code	Description
9-8050-00	F.Dick RS-150 Duo Knife Sharpening Machine

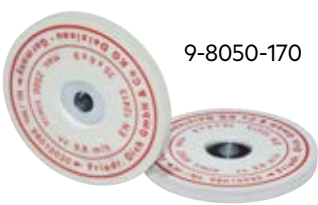


9-8050-00

Ideal For
Food Service &
Manufacturing

F.Dick RS-75 & RS-150 Spare Parts

Code	Description	Pack Qty
9-8210-3479	F.Dick Round Belt, 377mm, Suits RS-75	1
9-8050-3501	F.Dick Round Belt, 430mm, Suits RS-75 & RS-150	1
9-8210-3482	F.Dick Diamond Wheels, Suits RS-75 & RS-150	1 Pair
9-8050-170	F.Dick Ceramic Honing Wheels, Suits RS-150	1 Pair



9-8050-170



9-8210-3482



9-8050-3501

Contact us for our full range of spare parts.

F.Dick SM-111 Professional Sharpening Machine

Features:

- The complete knife sharpening machine where fast and reliable knife sharpening is a must.
- Offers fast and professional re-grinding and honing of hard knives.
- Three-stage knife sharpening in the one machine!
- Low speed, water-cooled grinding wheels prevent heat damage.
- Knife holding magnets adjust to 4 pre-set angles for precision grinding.
- Adjustable honing wheels work both sides of the blade at the same time for the perfect angle.
- Polishing wheel removes the burr and refines the edge to perfection.
- Diamond wheels have a pre-set angle of 34°. Honing wheels have a pre-set angle of 38°.

Specifications:

300mm (W) X 290mm (H) x 450mm (D)

Code	Description
9-8210-00	F.Dick SM-111 Professional Sharpening Machine



Grinding the knife edge



Honing the knife edge



Polishing the knife edge

F.Dick SM-111 Spare Parts

Code	Description	Pack Qty
9-8209-3573	F.Dick Grinding Wheels, 80 Grit	1 Pair (2 Wheels)
9-8209-0029	F.Dick Grinding Wheels, 240 Grit	1 Pair (2 Wheels)
9-8209-0251	F.Dick Ceramic Honing Wheels, 240 Grit	1 Pair (2 Wheels)
9-8219-0320	F.Dick Polishing Wheel	1
9-8209-3279	F.Dick Left Angled Magnetic Guide With Brushes	1
9-8209-3278	F.Dick Right Angled Magnetic Guide With Brushes	1
9-8209-0192	F.Dick Brush Set, Left & Right (Brushes Only)	1
9-8209-0233	F.Dick Yellow Flat Drive Belt	1
9-8209-0325	F.Dick Green Round Drive Belt	1
9-8209-0151	F.Dick Dressing Spindle	1



9-8209-0029



9-8209-0251



9-8219-0320



9-8209-0325



9-8209-0192



9-8209-0233



9-8209-3279



9-8209-3278



9-8209-0192

Grinding,
Honing &
Polishing
All-In-One!



9-8210-00

F.Dick Grinding Machines

F.Dick SM-90 Lamellar Grinding Machine

Features:

- For professional grinding results. Exceptionally versatile, grinding all hand and machine knives as well as tools.
- Quickly restores damages and revives the cutting edge.
- The large lamellar grinding wheel ensures high cooling and ventilation of the knife.
- Increases workplace efficiency and achieves precise cutting results.

Specifications:

420mm (W) x 230mm (H) x 280mm (D)

Code	Description
9-8080-00	F.Dick SM-90 Lamellar Grinding Machine



9-8080-00

Lamellar
Grinding Wheel
For High Cooling
& Ventilation

F.Dick SM-100 Belt Grinder

Features:

- The F.Dick SM-100 combines a belt grinder for coarse work with a polishing wheel for finishing.
- Fast and efficient grinding.
- Features 2 grinding surfaces: One with a backing for straight grinding and one without backing for convex grinding.
- Infinitely adjustable belt can be set in any position for ease of use.
- Polishing wheel used with buffing compound to remove the burr and leave a smooth refined finish for a sharp edge.

Specifications:

450mm (W) x 320mm (H) x 470mm (D)

Code	Description
9-8070-00	F.Dick SM-100 Belt Grinder



9-8070-00

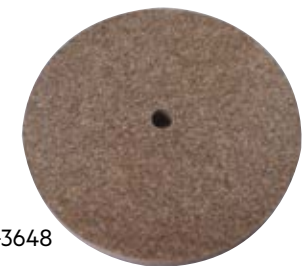
Features
Polishing Wheel
For Finishing

F.Dick SM-100 Spare Parts

Code	Description	Pack Qty
9-8079-3647	F.Dick Grinding Belts	10
9-8079-3648	F.Dick Polishing Wheel	1



9-8079-3647



9-8079-3648

Contact us for our full range of spare parts.

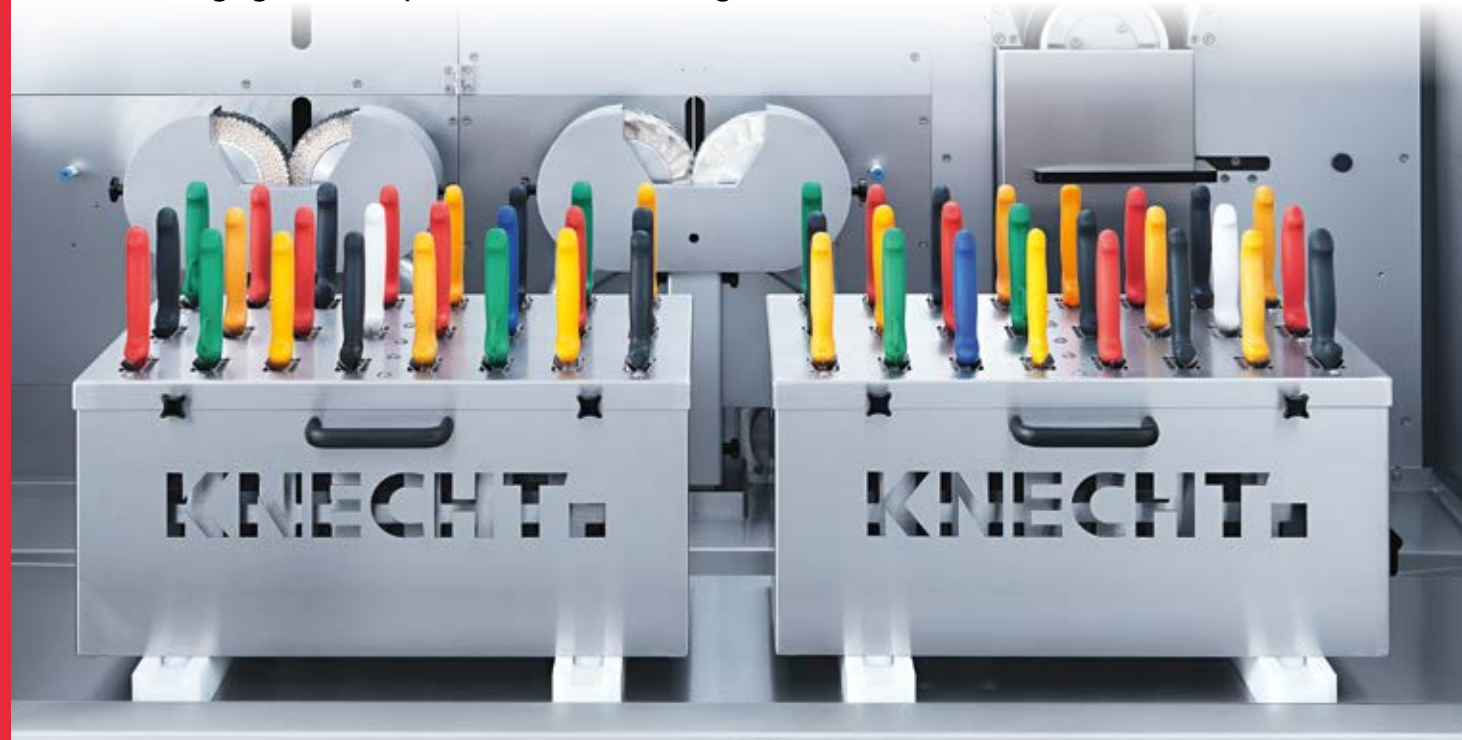
Contact us for our full range of spare parts.

KNECHT.

Knecht Sharpening Machines

Knecht are the global leaders of fully automatic knife sharpening machines to the food production industry. Knecht's extensive portfolio ranges from **tabletop knife grinding machines** to **6-axis robotic knife systems**.

Highgate Group are the exclusive agents for Knecht in Australasia.



KNECHT OFFERS:

- ✓ Sharpens variety of hand knives, cutter blades, mincer and circular blades.
- ✓ Wide range of sharpening and grinding machine solutions.
- ✓ Made in Germany from high quality components.
- ✓ Increases product yield and safety.



Robotic Knife Sharpening Machines



Universal Blade Sharpening Machines



Speciality Sharpening Machines



Grinding Machines

Knecht E50 Automatic Knife Sharpening Machines

Ideal for large food processing operations, the E50 series features three innovative models that sharpen 400 - 680 hand knives per shift.

Increases meat yield by up to 0.5% and reduces RSI injuries by up to 80%.

Knecht E50 Fully Automatic Knife Sharpening Machine

Features:

- Sharpens up to 400 hand knives per 8 hour shift with only 1-2 hours of personnel deployment required.
- Automatically sharpens hand knives of various shapes & sizes.
- 48 hand knives are placed randomly into the knife magazine at a time.
- The 4-axis gripper arm extracts a knife out of the magazine, the exact individual knife shape is measured, sharpened, deburred & polished. The gripper arm then returns the knife to the magazine.
- Optional integrated knife sharpness tester available.

Specifications:

2390mm (W) x 1390mm (D) x 2900mm (H)

Code	Description
E50	Knecht E50 Automatic Knife Sharpening Machine



E50

Knecht E50R Fully Automatic Knife Sharpening Machine

Features:

- Sharpens up to 650 hand knives per 8 hour shift with only 1-2 hours of personnel deployment required.
- Automatically sharpens hand knives of various shapes & sizes.
- 60 hand knives are placed randomly into the knife magazines at a time.
- The 6-axis operated robot extracts a knife out of the magazines, the exact individual knife shape is measured, sharpened, deburred & polished. The robot arm then returns the knife to the magazine.

Specifications:

2584mm (W) x 1742mm (D) x 1915mm (H)

Code	Description
E50R	Knecht E50R Fully Automatic Knife Sharpening Machine



E50R

Knecht E50RT Fully Automatic Knife Sharpening Machine

Features:

- Sharpens up to 680 hand knives per 8 hour shift with only 1-2 hours of personnel deployment required.
- Automatically sharpens hand knives of various shapes & sizes.
- Magazine consists of two towers and fits 576 knives at a time.
- The 6-axis operated robot extracts a knife out of the magazine, the exact individual knife shape is measured, sharpened, deburred & polished. The robot arm then returns the knife to the magazine.

Specifications:

2686mm (W) x 2872mm (D) x 2043mm (H)

Code	Description
E50RT	Knecht E50RT Fully Automatic Knife Sharpening Machine



E50RT

Knecht Hand Knife Sharpening Machines

The Knecht EVO 5 Hand Knife Sharpening Machine is a robust and reliable sharpening machine for butcher shops, meat processing plants and grinding services. The machine can be used to sharpen a wide variety of cutting tools such as butcher's knives, boning knives, chef's knives and many more.

Knecht EVO 5 Hand Knife Sharpening Machine

Features:

- Designed with a knife guide to ensure knives are perfectly ground with the optimal cutting edge angle.
- Polishing disk produces a smooth, burr-free and polished surface.
- The grinding angle is infinitely adjustable from 20° to 50° to ensure the optimal cutting edge angle for different knives.
- Water-cooled to ensure knives don't overheat during the grinding process.
- Operates on single-phase power.
- Optional polishing dust extraction available.

Specifications:

350mm (W) x 350mm (D) x 420mm (H)

Code	Description
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014EVO5-0230	Knecht EVO 5 Hand Knife Sharpening Machine
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014EVO5-0230



Highgate Group offer a complete range of authentic Knecht Spare Parts.

Contact Us Today on 1800 089 456.

Knecht Universal Sharpening Machines

Knecht Universal Sharpening Machines are the ideal multi-tasker, designed to sharpen a variety of cutting tools such as bowl cutter blades up to 120L, knives and cutlery.

Knecht USK 160 S Universal Wet-Sharpening Machine

Features:

- Fine grit grinding wheel gently removes only small amounts of material, thus preserving the knife.
- The wet honing wheel removes the burr created by sharpening. The result is a sharp knife with a smooth surface and long tool life.
- Optional polishing disk produces a finely polished surface and a burr-free, very smooth cutting edge.
- The HV 150 hand knife grinding attachment guides the knives and ensures they are sharpened with the correct cutting edge angle.
- Additional integrated magnets support the guidance of the knife and make the grinding process extremely simple.
- The belt grinding attachment ensures safe, precise and fatigue-proof working for the operator.
- 3-Phase Power operated.
- Serration grinding wheel optional.

Specifications:

USK160S Table Model

610mm (W) x 550mm (D) x 450mm (H)

USK160S-S Floor Model

630mm (W) x 610mm (D) x 1200mm (H)

Code	Description
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USK160S	Knecht USK 160 S Universal Wet-Sharpening Machine, Table Model
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USK160S-S	Knecht USK 160 S Universal Wet-Sharpening Machine, Floor Model
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USK160S-S
Floor Model

USK160S
Table Model

Knecht S200 Universal Wet Sharpening Machines

Features:

- Sharpens bowl cutter blades, circular blades & hand knives.
- Ideal for repairing badly damaged knives as a lot of material can be removed quickly.
- Cutter knives and circular knives are clamped during grinding ensuring they are guided safely and precisely. This increases safety and ease of use.
- Switch from sickle blades to linear blades within seconds.
- Available with or without a stand. Stand includes tool storage cupboard.

Specifications:

S200T Table Model

900mm (W) x 1100mm (D) x 600mm (H)

S200S Floor Model

900mm (W) x 1100mm (D) x 1300mm (H)

Code	Description
S200T	Knecht S200T Universal Wet Sharpening Machine, Table Model
S200S	Knecht S200S Universal Wet Sharpening Machine, Floor Model



S200S
Floor Model

S200T
Table Model

Knecht S20 Universal Wet Sharpening Machines

Features:

- Sharpens bowl cutter blades, circular blades & hand knives.
- Sharpens, deburrs & polishes using a clamp to maintain sharpening consistency, increase safety and ease of use.
- Ideal for repairing badly damaged knives as a lot of material can be removed quickly.
- Switch from sickle blades to linear blades within seconds.
- S20B model available with grinding belt.
- Optional circular knife grinding unit sharpens and deburrs circular knives 150mm – 480mm.

Specifications:

S20 Model

1300mm (W) x 1650mm (D) x 1400mm (H)

S20B Model

1050mm (W) x 1650mm (D) x 1300mm (H)

Code	Description
S20	Knecht S20 Universal Wet Sharpening Machine
S20B	Knecht S20B Universal Wet Sharpening Machine, With Grinding Belt



S20

S20B

Knecht Honing Machines for Circular Knives

Ideal for sharpening flat and saucer-shaped circular knives.

Knecht KLA 220 - HV153 Honing Machine

- Features:**
- Sharpens flat and saucer-shaped circular knives with diameters from 60mm up to 475mm with single and double beveled edges.
 - Circular knives are driven electronically and therefore remain absolutely round. The maximum width of the cutting edge is 6mm.
 - A finely adjustable stop system ensures that only the necessary amount of material is removed.
 - The honing wheels move through a water quench. This prevents the cutting tools from overheating.
 - A work light ensures very good illumination of the working area.

Specifications:
835mm (W) x 765mm (D) x 790mm (H)

Code	Description
KLA220	Knecht KLA 220 - HV153 Honing Machine



KLA220

Knecht Automatic Bowl Cutter Blade Sharpening Machines

Designed to automatically sharpen bowl cutter blades (linear & sickle shaped).

Knecht USK 230B Automatic Sharpening Machine

- Features:**
- Sharpens up to 100 cutter knives per 8 hour shift completely automatically.
 - Average sharpening and polishing time per knife is 2-3 minutes.
 - Gently and accurately shaped, with very little material removed from the blade.
 - Easy to use touch screen allows operator to control the most important functions, including the number of grinding cycles and camber of knives.
 - Unlimited number of grinding programs stored in data memory of machine.

Specifications:
1800mm (W) x 1943mm (D) x 1361mm (H)

Code	Description
USK230B-HV208II	Knecht USK 230B Automatic Sharpening Machine



USK230B-HV208II

Knecht B500 Automatic Sharpening and Polishing Machine

Features:

- Sharpens linear and sickle bowl cutter blades up to 500mm.
- Sharpens, deburrs & polishes up to 100 blades (500L) per 8 hour shift. 3-5 mins per blade depending on size.
- Gently and accurately shaped, with very little material removed from the blade.
- Easy to use touch screen allows operator to control the most important functions including the number of grinding and polishing cycles and the crowning of the knife.
- Unlimited number of grinding programs stored in data memory of machine.

Specifications:

1465mm (W) x 1464mm (D) x 1798mm (H)

Code	Description
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B500	Knecht B500 Automatic Sharpening and Polishing Machine
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B500

Knecht B600 Automatic Sharpening and Polishing Machine

Features:

- Sharpens linear and sickle bowl cutter blades up to 600mm x 400mm.
- Sharpens, deburrs & polishes up to 80 blades (500-700L) per 8 hour shift. 3-5 mins per blade depending on size.
- Gently and accurately shaped, with very little material removed from the blade.
- Knife magazine holds up to 8 blades and can be optionally expanded to hold 16 blades.
- Easy to use touch screen allows operator to control the most important function including the number of grinding and polishing cycles and the crowning of the knife.
- Unlimited number of grinding programs stored in data memory of machine.

Specifications:

2754mm (W) x 2184mm (D) x 1790mm (H)

Code	Description
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B600	Knecht B600 Automatic Sharpening and Polishing Machine
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B600

Knecht Surface Grinding Machines

For grinding of mincer, emulsifier & inline grinding cutting tools.

Knecht W40 Fully Automatic Surface Grinding Machine

Features:

- For grinding of mincer, emulsifier & inline grinding cutting tools up to 400mm diameter.
- Can be operated in manual, semi-automatic or fully automatic modes.
- High material removal. Ideal for quickly restoring the surface on very worn workpieces.
- User-friendly touch screen with unlimited number of grinding programs.
- Integrated suction unit, as standard, protects the operators respiratory system.

Specifications:

1768mm (W) x 1741mm (D) x 1736mm (H)

Code	Description
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W40	Knecht W40 Fully Automatic Surface Grinding Machine
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W40

Knecht W200 II Manual Surface Grinding Machine

Features:

- For grinding of mincer, emulsifier & inline grinding cutting tools up to 200mm diameter.
- Manual operation.
- High material removal. Ideal for quickly restoring the surface on very worn workpieces.
- Fast and accurate grinding results.
- Optional suction unit protects the operators respiratory system.

Specifications:

1263mm (W) x 850mm (D) x 1395mm (H)

Code	Description
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W200II	Knecht W200 II Manual Surface Grinding Machine
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W200II

Knecht W300 Surface Grinding Machine

Features:

- For grinding of mincer, emulsifier & inline grinding cutting tools up to 400mm diameter.
- Manual operation.
- High material removal. Ideal for quickly restoring the surface on very worn workpieces.
- Optional 140L belt filter coolant unit.
- Optional suction unit protects the operators respiratory system.

Specifications:

1150mm (W) x 1105mm (D) x 1660mm (H)

Code	Description
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W300	Knecht W300 Surface Grinding Machine
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KS700	Knecht W300 Sharpening Machine Coolant 20L
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W300

Knecht Automatic Grinding Machines

For automatic grinding of involute & circular blades.

Knecht A95 Automatic Grinding Machine

Features:

- 7-AXIS CNC controlled machine sharpens both sickle-shaped, circular blades and similar cutting tools up to 1200mm.
- 2D laser detects the slicer knife and corrects even the smallest differences in flatness and outer contour to ensure consistent cutting results.
- Cutting tools retain the exact same shape over their entire service life.
- Automatic deburring and polishing.
- Simple and easy to operate touch screen with unlimited grinding programs.

Specifications:

2255mm (W) x 1270mm (D) x 2280mm (H)

Code	Description
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A95	Knecht A95 Automatic Grinding Machine
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A95

Knecht A950 II Automatic Grinding Machine

Features:

- For grinding of sickle shaped blades, of all brands, up to 900mm and circular blades up to 700mm.
- An individual grinding program is created and saved for each slicer knife. When the program is selected, the machine will automatically set itself to these values to create the exact cutting angle required.
- Achieves precisely defined edges with minimal material removed from the blade.
- Servo drive ensures perfect cutting edge that retains the exact same shape throughout its entire service life.
- Simple and easy to operate touch screen with unlimited grinding programs.

Specifications:

1709mm (W) x 1037mm (D) x 1862mm (H)

Code	Description
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A950II	Knecht A950 II Automatic Grinding Machine
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A950II

Knecht A950 III Automatic Grinding Machine

Features:

- For grinding of sickle shaped blades, of all brands, up to 900mm and circular blades up to 700mm.
- Fast and simple cutting angle via manual adjustment. An individual grinding program is created and saved for each slicer knife. When the program is called, the required cutting angle and the necessary abrasives are shown on the display.
- Achieves precisely defined edges with minimal material removed from the blade.
- Servo drive ensures perfect cutting edge that retains the exact same shape throughout its entire service life.
- Simple and easy to operate touch screen with unlimited grinding programs.

Specifications:

1669mm (W) x 1043mm (D) x 1882mm (H)

A950III	Knecht A950 III Automatic Grinding Machine
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A950III

Tru Hone Hollow Grinders and Honing Machines



Tru Hone HG3 Hollow Grinder

Features:

- Uses two 6" Inch cupped grinding wheels to simultaneously hollow grind both sides of the knife blade.
- Thick knives are quickly thinned and restored to almost new condition.
- Removes a minimal amount of metal to taper the blade.
- Precision calibrated, semi-automatic dressing system maintains the cupped wheels. This ensures a long working life and maintains a perfect round shape.
- A self contained coolant system keeps knife blades cool during hollow grinding.

Specifications:

840mm (W) x 560mm (D) x 1220mm (H)

Code	Description
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HG3	Tru Hone HG3 Hollow Grinder
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HG3



Tru Hone HR8 Honer

Features:

- Uses two pairs of contra-rotating 8.5" Inch honing wheels mounted on parallel motor shafts to simultaneously sharpen both bevels of the knife edge.
- Knives are perfectly sharpened in less than a minute.
- Two semi-automatic dressers maintain the smoothness of the honing wheels.
- A self contained coolant system keeps blades cool and ensures dust-free sharpening.

Specifications:

840mm (W) x 560mm (D) x 1220mm (H)

Code	Description
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HR8	Tru Hone HR8 Honer
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HR8



We offer a complete range of
Tru Hone spare parts.

Contact Us Today on 1800 089 456.

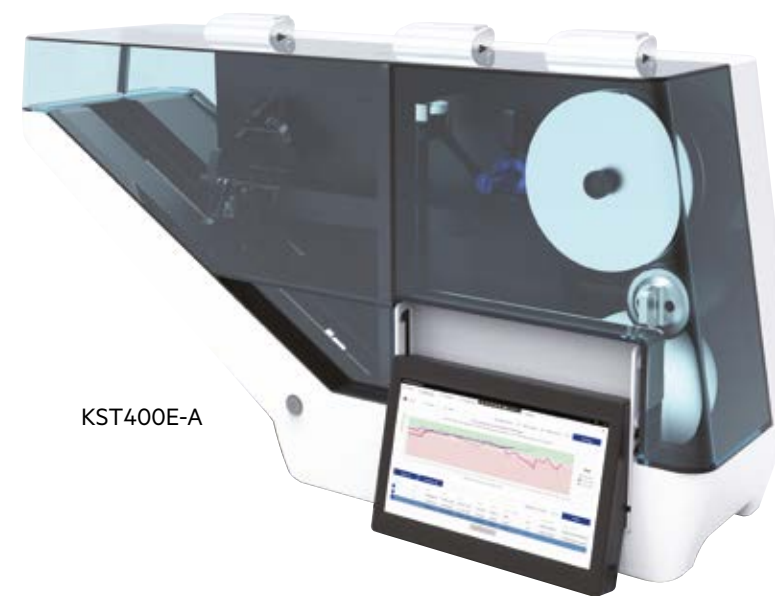
Anago Automatic Knife Sharpness Testing Machine



Anago Knife Analyser

Features:

- For blades up to 12" Inches (30cm).
- Built-in reporting and 20% faster testing speed.
- Sharp knives increase yield by up to 1.2% and up to 80% less RSI injuries.
- Knife testing and scoring data all in the one unit.
- No laptop required and less dependency on IT staff.
- Integrated touch screen provides full reporting & receives automatic software updates.



KST400E-A

Code	Description
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KST400E-A	Anago Knife Analyser
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Anago Test Media

Features:

- Designed to take accurate measurements of the knife blade from tip to heel.



KST-TM-5

Code	Description	Carton Qty
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KST-TM-5	Anago Test Media 25m Rolls	5 Rolls
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