



ABRADING & SHARPENING

• Carbide Burrs • Die Grinder • Hand Files • Deburring • Diamond Sharpeners

ABRADING & SHARPENING

Abrading & Sharpening Index

- | | | | |
|-----|---|-----|--|
| 263 | Abrasives Mounted Stone Set | 285 | Diamond Sharpeners Chainsaw |
| 263 | Air Tools Die Grinder Kit | 283 | Diamond Sharpeners Double Sided Stone |
| 262 | Carbide Burrs Double Cut | 281 | Diamond Sharpeners EZE Fold |
| 277 | Deburring Classic Handle | 285 | Diamond Sharpeners Fixed Angle |
| 277 | Deburring DisposaBurr | 281 | Diamond Sharpeners Hone & Stone |
| 273 | Deburring Glo-Burr E - Heavy Duty | 287 | Diamond Sharpeners How To Use |
| 277 | Deburring Handy Chuck | 287 | Diamond Sharpeners Needle Files |
| 276 | Deburring Long Reach - Countersink | 282 | Diamond Sharpeners Pen Style |
| 276 | Deburring Long Reach - Heavy Duty | 283 | Diamond Sharpeners Pocket Stone |
| 278 | Deburring Professional Kits | 282 | Diamond Sharpeners Round, Oval |
| 272 | Deburring Selection Chart | 286 | Diamond Sharpeners Special Use Items |
| 275 | Deburring Sets Extra Close - Bonus Handle | 265 | Files |
| 274 | Deburring Sets Extra Close - Heavy Duty | 270 | Files Needle Files |
| 274 | Deburring Sets Extra Close - Multi-Purpose | 269 | Files Sets |
| 275 | Deburring Sets Heavy Duty Sheet Cleaner | 279 | Flaring EzyFlare Tools |
| 284 | Diamond Sharpeners Bench Stone | | |

Carbide Burrs Double Cut



For shaping or forming metal, to use in air and electric die grinders.
 Double Cut: Allows for rapid stock removal in harder materials.
 The chisel tooth pattern not only minimises tool chatter but reduces the chip to a granular shape in most materials.



Discount Group: B0102

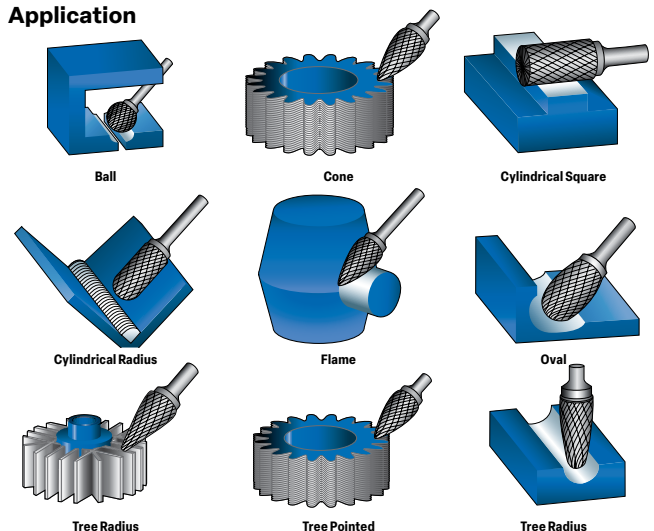
| Product Information | | | Item # | Barcode |
|--|--------|-------|-------------------------|---------------|
| Size | Length | Shank | | |
| mm | mm | inch | | |
| 1/4" Shank | | | | |
| Cylindrical (Square) | | | | |
| 6.35 | 16 | 1/4 | 918CS0616S [^] | 9311744437122 |
| 8 | 20 | 1/4 | 918CS0820S [^] | 9311744437139 |
| 12 | 25 | 1/4 | 918CS1225S [^] | 9311744437146 |
| Cylindrical (Radius) | | | | |
| 6.35 | 16 | 1/4 | 918CR0616S [^] | 9311744437153 |
| 10 | 20 | 1/4 | 918CR1020S [^] | 9311744437160 |
| 12 | 25 | 1/4 | 918CR1225S [^] | 9311744437177 |
| Tree (Radius) | | | | |
| 6.35 | 16 | 1/4 | 918TR0618S [^] | 9311744437184 |
| 10 | 20 | 1/4 | 918TR1020S [^] | 9311744437191 |
| 12 | 25 | 1/4 | 918TR1225S [^] | 9311744437207 |
| Tree (Pointed) | | | | |
| 6.35 | 16 | 1/4 | 918TP0618S [^] | 9311744437214 |
| 10 | 20 | 1/4 | 918TP1020S [^] | 9311744437221 |
| 12 | 25 | 1/4 | 918TP1225S [^] | 9311744437238 |
| Flame | | | | |
| 6.35 | 16 | 1/4 | 918FM0618S [^] | 9311744438075 |
| 8 | 20 | 1/4 | 918FM0820S [^] | 9311744438082 |
| 12 | 30 | 1/4 | 918FM1230S [^] | 9311744438099 |
| 5 Pce Set | | | | |
| 12mm x Cylindrical (Square), Cylindrical (Radius), Tree (Radius), Tree (Pointed) & Flame | | | 918CRSET5S [^] | 9311744438112 |

| Product Information | | | Item # | Barcode |
|--|--------|-------|-------------------------|---------------|
| Size | Length | Shank | | |
| mm | mm | inch | | |
| 6mm Shank | | | | |
| Cylindrical (Square) | | | | |
| 6.35 | 16 | 6 | 918CS06166 [^] | 9311744437566 |
| 8 | 20 | 6 | 918CS08206 [^] | 9311744437573 |
| 12 | 25 | 6 | 918CS12256 [^] | 9311744437580 |
| Cylindrical (Radius) | | | | |
| 6.35 | 16 | 6 | 918CR06166 [^] | 9311744437597 |
| 10 | 20 | 6 | 918CR10206 [^] | 9311744437603 |
| 12 | 25 | 6 | 918CR12256 [^] | 9311744437610 |
| Tree (Radius) | | | | |
| 6.35 | 16 | 6 | 918TR06186 [^] | 9311744437627 |
| 10 | 20 | 6 | 918TR10206 [^] | 9311744437634 |
| 12 | 25 | 6 | 918TR12256 [^] | 9311744437641 |
| Tree (Pointed) | | | | |
| 6.35 | 16 | 6 | 918TP06186 [^] | 9311744437658 |
| 10 | 20 | 6 | 918TP10206 [^] | 9311744437665 |
| 12 | 25 | 6 | 918TP12256 [^] | 9311744437672 |
| Flame | | | | |
| 8 | 20 | 6 | 918FM08206 [^] | 9311744438051 |
| 5 Pce Set | | | | |
| 12mm x Cylindrical (Square), Cylindrical (Radius), Tree (Radius), Tree (Pointed) & Flame | | | 918CRSET5M [^] | 9311744438105 |

| Diameter | Double Cut |
|----------|------------|
| Ø6.35mm | 22,000 RPM |
| Ø8mm | 20,000 RPM |
| Ø10mm | 18,000 RPM |
| Ø12mm | 16,000 RPM |



Application



[^]New look packaging depicted. Actual product packaging may differ from image shown.

Air Tools Die Grinder Kit



Sutton Tools Die Grinder is the perfect tool for detailed metal or woodwork providing precise clean cuts. Use it with Sutton Tools range of carbide burrs to sculpt and shape harder materials.

Suitable for grinding back and neatening welds, porting, polishing and woodworking applications.



Specifications:

- Collet capacity: 1/8", 1/4", 3mm, 6mm
- No load speed: 25,000 RPM
- Air Pressure: 90 PSI
- Overall Length: 165mm
- Net Weight: 557g



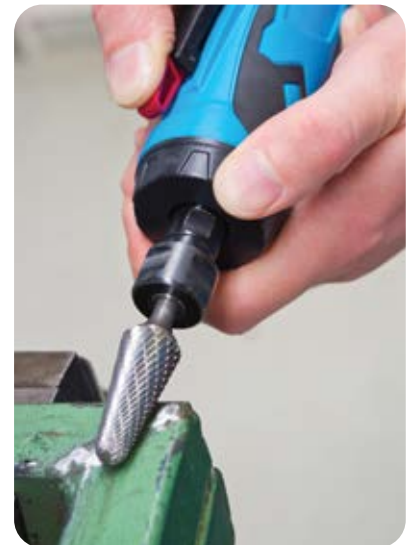
Discount Group: B0102

| Product Information | | Item # | Barcode |
|---------------------|--|-----------|---------------|
| Description | Contents | B902 | |
| Die Grinder Kit | Pneumatic Die Grinder, 4 Collets: 1/8", 1/4", 3mm, 6mm 2 x Wrenches | B902 0002 | 9311963613628 |

Recommended Cutting Speeds (RPM) – Standard Length Burrs

| Diameter | Steels & Alloys | | Aluminium | Max RPM |
|----------|-----------------|------------|---------------|---------|
| | Double Cut | Double Cut | Aluminium Cut | |
| 1/16 | 33,000 | 50,000 | - | 78,000 |
| 3/32 | 26,000 | 40,000 | - | 60,000 |
| 1/8 | 23,000 | 35,000 | - | 53,000 |
| 3/16 | 17,000 | 25,000 | - | 38,000 |
| 1/4 | 15,000 | 22,000 | 30,000 | 33,000 |
| 5/16 | 13,000 | 20,000 | 25,000 | 30,000 |
| 3/8 | 12,000 | 18,000 | 20,000 | 27,000 |
| 7/16 | 11,500 | 17,000 | 18,000 | 26,000 |
| 1/2 | 11,000 | 16,000 | 15,000 | 24,000 |
| 5/8 | 10,000 | 15,000 | 12,000 | 23,000 |
| 3/4 | 9,000 | 14,000 | 10,000 | 21,000 |
| 7/8 | 8,500 | 13,000 | - | 20,000 |
| 1 | 8,000 | 12,000 | - | 18,000 |

Note: Reduce cutting speeds by 50% when using long shank carbide burrs.



Abrasives Mounted Stone Set



Popular shapes for grinding and sharpening.

Contents:

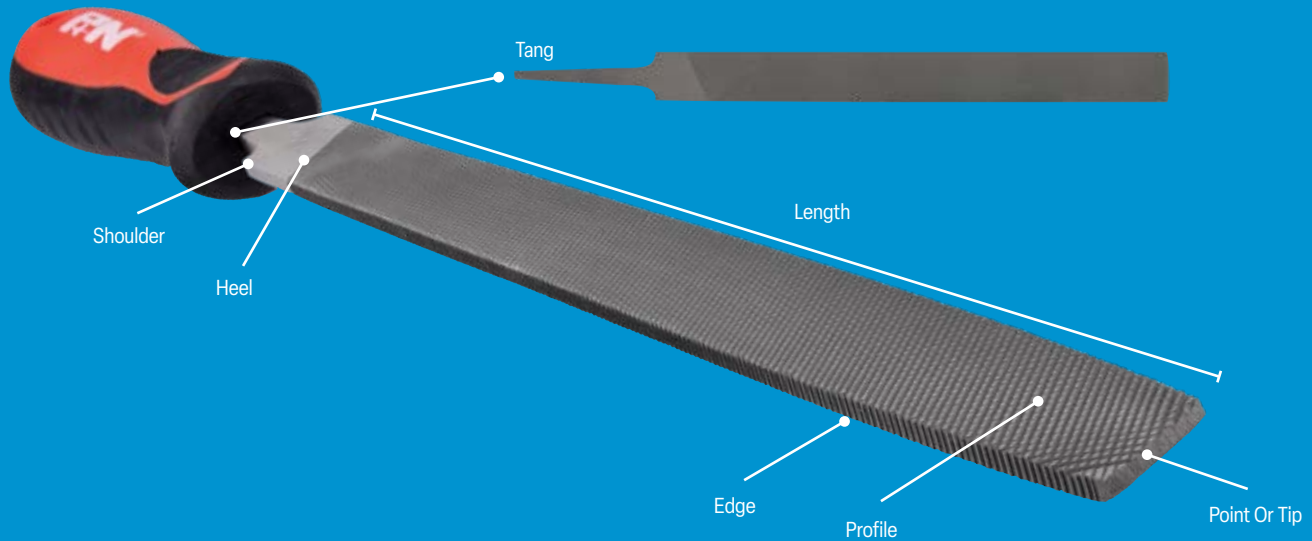
- 2 x Cylindrical Radius End: 13, 14mm
- 2 x Cylindrical: 10, 25mm
- 1 x Tree 60°: 20mm
- 3 x Tapered: 13, 14, 25mm
- 2 x Ball: 10, 25mm



Discount Group: Z1007

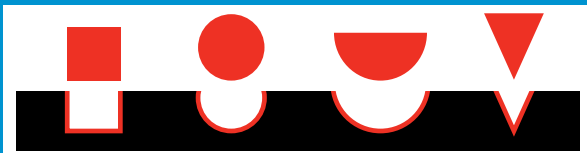
| Product Information | | Item # | Barcode |
|--------------------------|--|-----------|---------------|
| Description | | | |
| 10 Pce Mounted Stone Set | | 166044671 | 9311744446711 |

Choosing The Right File



1 Profile

The profile of your file should be the first consideration in tool selection. Choose a profile that best matches your application.



- Flat:** Multi-purpose use on flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.
- Square:** For filing slots, keyways, splines and the inside corners of rectangular or square holes.
- Round:** For filing and enlarging holes, circular or rounded grooves.
- Half-round:** For multi-purpose use on concave surfaces, crevices and the rounding out of holes. Can also be used on the flat face.
- Triangular:** Used for sharpening saw teeth and internal corners.

2 Length

Desired stroke length will determine the length of the file. This is measured exclusive of the tang, from point to heel.

3 Cut

These cuts are selected according to the material of the workpiece, the desired removal of material and the surface finish.

- Single Cut:** Single cut files (mostly all saw files are single cut) are used for sharpening and edging applications.
- Double Cut:** Need less effort for filing and also gives a good surface finish.
- Rasp Cut:** Special cut formation for rapid stock removal from surface of softer materials like wood or leather.

4 Coarseness



Smooth Cut:
Fine finish.
For smooth surface finish.



Second Cut:
Medium to coarse finish.
For moderate stock removal.



Bastard Cut:
Coarse finish.
For stock removal.

How to use a file correctly

There are three methods to use a file:

- Straight filing:** Pushing the file lengthwise (straight ahead or slightly diagonally) across the workpiece.
- Draw filing:** Holding the file at each end, pushing and drawing it across the workpiece.
- Lathe filing:** Holding the file against the workpiece in a lathe.

Holding the file

Single Handed Operation:

Hold with the handle resting in your palm with your forefinger at the top of the handle pointing to the tip.

Two Handed Operation:

Hold with the handle resting in your palm with your thumb at the top of the handle pointing to the tip. Grip the point of the file in the other hand between the thumb and the first two fingers with the thumb being on the top of the file.

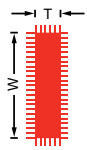
Helpful Hints

- Hold the workpiece in a vice at a suitable height to apply adequate pressure.
- To prevent damage to workpiece, use protectors between the workpiece and vice jaws.
- When heavy pressure is required, hold file at tip with thumb pointing forward in line with the file. For lighter pressure, place thumb at right angles to file.
- File on forward stroke only, lifting on back stroke to prevent damaging the file.

Care of the file

- A new file should be used with light pressure in the beginning, preferably on a surface which has been filed earlier.
- Keep file stored away from any water or grease.
- Retain the file packaging, or wrap the file in a cloth for protection.
- Use a wire brush to clean the file teeth.
- Do not use oil on the file.

Files



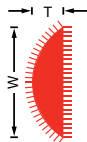
Engineers Flat

For flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Bulk / Unhandled | | | Single Pack / Handled | | |
|-----------------------|------|------|----------|------------------|------------------|---------------|-----------------------|----------------|---------------|
| | | | | Item # | Item # | Item # | Item # | Item # | Item # |
| Engineers Flat | | | | Bastard | 2nd Cut | Smooth | Bastard | 2nd Cut | Smooth |
| 100 | 12 | 3 | 12 | | 300AC0042 | | | | |
| 150 | 16 | 4 | 12 | 300AC0061 | 300AC0062 | 300AC0063 | 300AC1061 | 300AC1062 | |
| 200 | 20.5 | 4.45 | 12 | 300AC0081 | 300AC0082 | 300AC0083 | 300AC1081 | 300AC1082 | 300AC1083 |
| 250 | 25 | 5.80 | 12 | 300AC0101 | 300AC0102 | 300AC0103 | 300AC1101 | 300AC1102 | 300AC1103 |
| 300 | 29.8 | 6.1 | 6 | 300AC0121 | 300AC0122 | 300AC0123 | 300AC1121 | 300AC1122 | 300AC1123 |
| 350 | 35.5 | 7.1 | 6 | 300AC0141 | 300AC0142 | 300AC0143 | | | |
| | | | | Aluminium | Magic Cut | | | | |
| 250 | 25 | 5.8 | 12 | | 300AM0104 | | | | |
| 300 | 29.8 | 6.1 | 6 | 300AN0120 | 300AM0124 | | | | |



Engineers Half Round

Multi-purpose file for use on concave surfaces and crevices and the rounding out of holes.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Bulk / Unhandled | | | Single Pack / Handled | | |
|-----------------------------|-------|-----|----------|------------------|----------------|---------------|-----------------------|----------------|---------------|
| | | | | Item # | Item # | Item # | Item # | Item # | Item # |
| Engineers Half Round | | | | Bastard | 2nd Cut | Smooth | Bastard | 2nd Cut | Smooth |
| 100 | 12 | 4 | 12 | 300AE0041 | 300AE0042 | 300AE0043 | | | |
| 150 | 16.1 | 4.7 | 12 | 300AE0061 | 300AE0062 | 300AE0063 | | | |
| 200 | 19.8 | 5.9 | 12 | 300AE0081 | 300AE0082 | 300AE0083 | 300AE1081 | 300AE1082 | 300AE1083 |
| 250 | 24.6 | 7.3 | 12 | 300AE0101 | 300AE0102 | 300AE0103 | 300AE1101 | 300AE1102 | |
| 300 | 29.55 | 8.6 | 6 | 300AE0121 | 300AE0122 | 300AE0123 | 300AE1121 | 300AE1122 | |
| 350 | 34.5 | 10 | 6 | 300AE0141 | 300AE0142 | | | | |



Engineers Square

For filing slots, keyways, splines and the inside corners of rectangular or square holes.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Bulk / Unhandled | | | Single Pack / Handled | | |
|-------------------------|------|------|----------|------------------|----------------|---------------|-----------------------|----------------|---------------|
| | | | | Item # | Item # | Item # | Item # | Item # | Item # |
| Engineers Square | | | | Bastard | 2nd Cut | Smooth | Bastard | 2nd Cut | Smooth |
| 150 | 6 | 6 | 12 | 300AJ0061 | 300AJ0062 | 300AJ0063 | 300AJ1061 | | |
| 200 | 7.7 | 7.7 | 12 | 300AJ0081 | 300AJ0082 | 300AJ0083 | 300AJ1081 | | |
| 250 | 9.6 | 9.6 | 12 | 300AJ0101 | 300AJ0102 | 300AJ0103 | 300AJ1101 | | |
| 300 | 12.2 | 12.2 | 6 | 300AJ0121 | 300AJ0122 | | | | |



Engineers Round

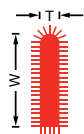
For filing and enlarging holes, circular or rounded grooves.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Bulk / Unhandled | | | Single Pack / Handled | | |
|------------------------|------|------|----------|------------------|----------------|---------------|-----------------------|----------------|---------------|
| | | | | Item # | Item # | Item # | Item # | Item # | Item # |
| Engineers Round | | | | Bastard | 2nd Cut | Smooth | Bastard | 2nd Cut | Smooth |
| 100 | 3.8 | 3.8 | 12 | 300AG0041 | 300AG0042 | 300AG0043 | | | |
| 125 | 5 | 5 | 12 | 300AG0051 | | | | | |
| 150 | 6.3 | 6.3 | 12 | 300AG0061 | 300AG0062 | 300AG0063 | 300AG1061 | | |
| 200 | 7.15 | 7.15 | 12 | 300AG0081 | 300AG0082 | 300AG0083 | 300AG1081 | | |
| 250 | 9.25 | 9.25 | 12 | 300AG0101 | 300AG0102 | 300AG0103 | 300AG1101 | 300AG1102 | 300AG1103 |
| 300 | 12 | 12 | 6 | 300AG0121 | 300AG0122 | 300AG0123 | 300AG1121 | | 300AG1123 |

Files



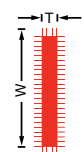
1 Edge Round Mill

For sharpening saws and other tools that require a fine finish. The round edge also allows the filing of saw gullets.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|--------------------------|------|-----|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| 1 Edge Round Mill | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 200 | 20.4 | 3.5 | 12 | 300CC0081 | | | | 300CC1081 | | |
| 250 | 25.1 | 4.8 | 12 | 300CC0101 | | | | 300CC1101 | | |
| 300 | 30.3 | 5.3 | 6 | 300CC0121 | | | | 300CC1121 | | |



2 Edge Square Mill

For sharpening saws and other tools that require a fine finish.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|---------------------------|------|-----|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| 2 Edge Square Mill | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 150 | 16 | 3 | 12 | 300CA0061 | | | | 300CA1061 | | |
| 200 | 20.4 | 3.5 | 12 | 300CA0081 | | | | 300CA1081 | | |
| 250 | 25.1 | 4.8 | 12 | 300CA0101 | 300CA0102 | | | 300CA1101 | | |
| 300 | 30.3 | 5.3 | 6 | 300CA0121 | 300CA0122 | 300CA0123 | | 300CA1121 | | |
| 350 | 36 | 6.5 | 6 | 300CA0141 | | | | | | |



3 Edge Square Mill

For sharpening saws and other tools that require a fine finish.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|---------------------------|----|---|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| 3 Edge Square Mill | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 150 | 12 | | 12 | 300BA0061 | 300BA0062 | 300BA0063 | | | | |
| 200 | 15 | | 12 | 300BA0081 | 300BA0082 | 300BA0083 | | | | |
| 250 | 19 | | 12 | 300BA0101 | 300BA0102 | 300BA0103 | | | | |



Slim Taper

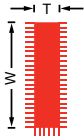
For sharpening saws with a 60° tooth angle.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|-------------------------|------|---|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| Slim Taper | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 100 | 6.1 | | 12 | 300BE0040 | | | | 300BE1040 | | |
| 110 | 7.2 | | 12 | 300BE0045 | | | | | | |
| 125 | 7.2 | | 12 | 300BE0050 | | | | | | |
| 150 | 8.8 | | 12 | 300BE0060 | | | | 300BE1060 | | |
| 175 | 10.5 | | 12 | 300BE0070 | | | | | | |
| 200 | 12 | | 12 | 300BE0080 | | | | 300BE1080 | | |
| Extra Slim Taper | | | | | | | | | | |
| 100 | 5.0 | | 12 | 300BG0040 | | | | | | |
| 150 | 7.2 | | 12 | 300BG0060 | | | | | | |

Files



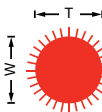
Hand Files

General purpose parallel edge file for flat surfaces, sharp corners and deburring. Features one safe edge to prevent damage when filing into corners.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|-------------------|------|------|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| Hand Files | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 150 | 16 | 4 | 12 | 300AB0061 | 300AB0062 | 300AB0063 | | | | |
| 200 | 20.5 | 4.45 | 12 | 300AB0081 | 300AB0082 | 300AB0083 | | | | |
| 250 | 25.0 | 5.80 | 12 | 300AB0101 | 300AB0102 | 300AB0103 | | | | |
| 300 | 29.8 | 6.1 | 6 | 300AB0121 | 300AB0122 | 300AB0123 | | | | |



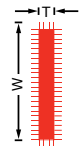
Chainsaw Files

For sharpening chainsaws. Matched to specific chain sizes, the round edge allows the filing of saw gullets.



Discount Group: Z0402

| Diameter | Length | Bulk Qty | Item # | Bulk / Unhandled Item # | List Price | Single Pack / Handled Item # | List Price |
|-----------------------|--------|----------|-----------|-------------------------|------------|------------------------------|------------|
| Chainsaw Files | | | | | | | |
| 1/8 | 200 | 12 | 300DA0460 | | \$3.50 | | |
| 5/32 | 200 | 12 | 300DA0580 | | \$3.40 | 300DA1580 | \$8.11 |
| 3/16 | 200 | 12 | 300DA0680 | | \$3.43 | 300DA1680 | \$8.89 |
| 7/32 | 200 | 12 | 300DA0780 | | \$3.34 | 300DA1780 | \$8.81 |
| 1/4 | 200 | 12 | 300DA0880 | | \$4.59 | 300DA1880 | \$9.17 |



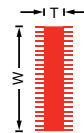
Warding Files

For narrow slots, toolmaking and hobby applications.



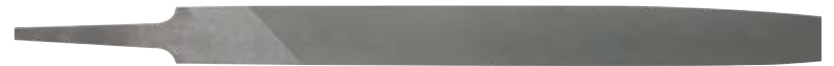
Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|----------------------|------|-----|----------|----------------|-------------------------|---------------|-----------|------------------------------|----------------|---------------|
| Warding Files | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 100 | 12.1 | 1.4 | 12 | 300AH0041 | 300AH0042 | 300AH0043 | | | | |
| 150 | 16.4 | 2.3 | 12 | 300AH0061 | 300AH0062 | 300AH0063 | 300AH1061 | | | |
| 200 | 20.5 | 2.9 | 12 | 300AH0081 | 300AH0082 | 300AH0083 | | | | |



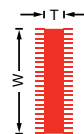
Long Angle Lathe Files

Rapid, free cutting files designed for lathe filing.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|-------------------------------|------|-----|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| Long Angle Lathe Files | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 300 | 29.8 | 6.1 | 6 | 300AL0121 | | | | | | |



Contact Point

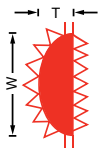
For cleaning electrical contacts such as engine distributor points, spark plugs and switches



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|----------------------|----|---|----------|----------------|-------------------------|---------------|--------|------------------------------|----------------|---------------|
| Contact Point | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 133 | 11 | 1 | 12 | 300AP0050 | | | | | | |

Files



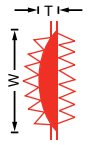
Wood Rasp Half Round

Multi-purpose rasp for use on concave surfaces and crevices, and the rounding out of holes.



Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|----------------------|-------|-----|----------|-----------|-------------------------|--------|--------|------------------------------|---------|--------|
| Wood Rasp Half Round | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 200 | 19.8 | 5.9 | 12 | 300EA0081 | | | | 300EA1081 | | |
| 250 | 24.6 | 7.3 | 12 | 300EA0101 | | | | 300EA1101 | | |
| 300 | 29.55 | 8.6 | 6 | 300EA0121 | | | | 300EA1121 | | |
| 350 | 34.5 | 10 | 6 | 300EA0141 | | | | | | |



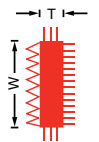
Cabinet Rasp

Punched teeth for rapid removal of soft materials – wood, soft plastics, fibreglass, soft metals. Gives finer finish than wood rasp.



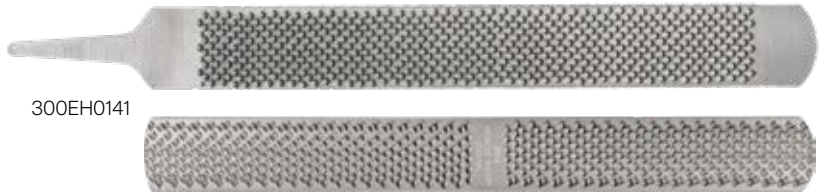
Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # | |
|--------------|------|-----|----------|-----------|-------------------------|--------|--------|------------------------------|---------|--------|
| Cabinet Rasp | | | | Bastard | 2nd Cut | Smooth | | Bastard | 2nd Cut | Smooth |
| 200 | 23.5 | 4.5 | 12 | 300EC0081 | 300EC0082 | | | 300EC1081 | | |
| 250 | 29 | 6 | 12 | 300EC0101 | 300EC0102 | | | 300EC1101 | | |
| 300 | 34.5 | 6.5 | 6 | | 300EC0122 | | | | | |



Horse Rasp

Double ended, rasp teeth on one side, file teeth on other. Ideal for shoeing racetrack and riding horses.



300EH0141

300EH0142

Discount Group: Z0402

| Length | W | T | Bulk Qty | Item # | Bulk / Unhandled Item # | Item # | Item # | Single Pack / Handled Item # | Item # |
|------------|----|-----|----------|-----------|-------------------------|--------|--------|------------------------------|--------|
| Horse Rasp | | | | Tanged | No Tang | | | | |
| 350 | 42 | 5.5 | 6 | 300EH0141 | 300EH0142 | | | | |



Handles (Bulk)

Economy range. Designed to suit the complete range of P&N® Files.

Discount Group: Z0402

| File Length | Qty | Item # | Barcode | List Price |
|-------------|-----|-----------|---------------|------------|
| Bulk | | | | |
| 100 | 12 | 300H00004 | 9311744156610 | \$2.20 |
| 150 | 12 | 300H00006 | 9311744156627 | \$2.30 |
| 200 | 12 | 300H00008 | 9311744156634 | \$2.27 |
| 250 | 12 | 300H00010 | 9311744156641 | \$2.35 |
| 300 | 12 | 300H00012 | 9311744156658 | \$2.47 |



Handles (Single Pack)

Soft grip. Designed to suit the complete range of P&N® Files.

Discount Group: Z0402

| File Length | Qty | Item # | Barcode | List Price |
|------------------|-----|-----------|---------------|------------|
| Hang Pack | | | | |
| 100 | 1 | 300SGK003 | 9311744436859 | \$2.08 |
| 150 | 1 | 300SGK004 | 9311744436866 | \$3.08 |
| 200-250 | 1 | 300SGK005 | 9311744436873 | \$3.85 |
| 300 | 1 | 300SGK006 | 9311744436880 | \$4.87 |



Metal File Brush

Ideal brush to remove particles or pins of metal that has become clogged between the teeth of metal files. It is also suitable for surface preparation like removing filings, dirt, rust, burrs, corrosion and other buildup on metal. Ideal for handyman, home improvement and DIY projects.

Discount Group: Z0102

| File Length | Qty | Item # | Barcode | List Price |
|-------------|-----|------------|---------------|------------|
| 190mm | 1 | 300FB1955* | 9311744445653 | \$18.06 |

*Not available once current stock is depleted

Files Sets



Sets

Compact storage ideal for your tool box or workshop.



300SE0065[^]

300SE0083[^]

300SET004[^]

300SE0085[^]

300SE0105[^]

Discount Group: Z0402

| Contents | Case | Pieces | Item # | Barcode |
|--|-----------|--------|-----------|---------------|
| Hand File Sets[^] | | | | |
| 150mm Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square | Nylon Zip | 5 | 300SE0065 | 9311744445554 |
| 200mm Bastard: Flat, Round 2nd Cut: Half Round | Nylon Zip | 3 | 300SE0083 | 9311744445141 |
| 200mm Bastard: Flat, Half Round, Round, Square | Nylon Zip | 4 | 300SET004 | 9311744438129 |
| 200mm Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square | Nylon Zip | 5 | 300SE0085 | 9311744445158 |
| 250mm Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square | Nylon Zip | 5 | 300SE0105 | 9311744445165 |

[^]New look packaging depicted. Actual product packaging may differ from image shown.



386911607

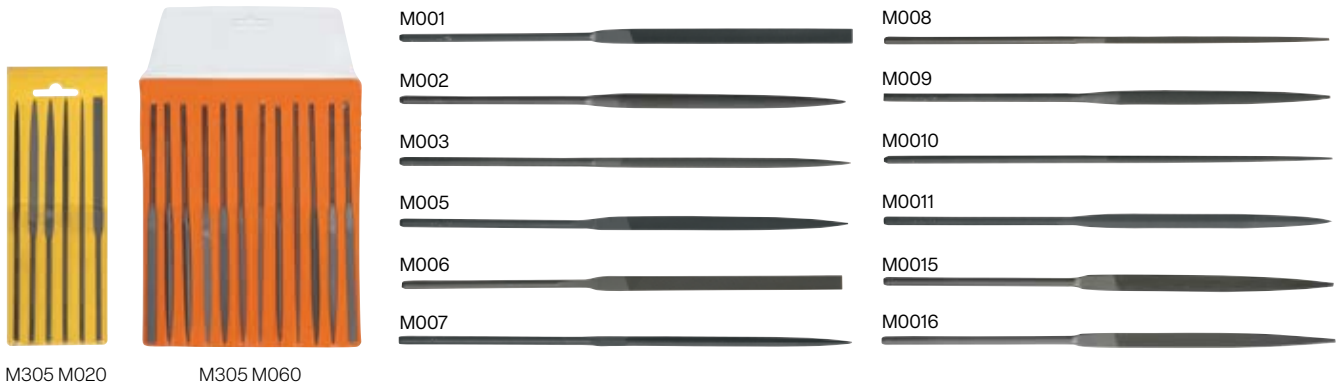
Discount Group: Z0402

| Contents | Case | Pieces | Item # | Barcode |
|--|---------|--------|-----------|---------------|
| Needle File Set | | | | |
| 160mm File Handle, Warding-flat, Three Square, Flat, Square, Round, Half Round | Plastic | 7 | 386911607 | 9311744438136 |

Files Needle Files



These Needle Files are a premium quality and Swiss made. Available in a range of profiles including pillar, half round, crossing, knife edge, warding, square, oval, round, barrette, crochet and pillar.



Discount Group: Z0404

| Shape | Style | Length | Pieces | Order Qty* | Item # | Barcode |
|--|----------------------|--------|--------|------------|-------------|---------------|
| Needle Files (with integrated, round handle) | | | | | M305 | |
| | Pillar | 160 | 1 | 12 | M305 M001 | 9311963708744 |
| | Half Round | 160 | 1 | 12 | M305 M002 | 9311963708751 |
| | Crossing | 160 | 1 | 12 | M305 M003 | 9311963708768 |
| | Knife Edge | 160 | 1 | 12 | M305 M005 | 9311963708775 |
| | Warding | 160 | 1 | 12 | M305 M006 | 9311963708782 |
| | Triangle | 160 | 1 | 12 | M305 M007 | 9311963708799 |
| | Square | 160 | 1 | 12 | M305 M008 | 9311963708805 |
| | Oval | 160 | 1 | 12 | M305 M009 | 9311963708812 |
| | Round | 160 | 1 | 12 | M305 M010 | 9311963708829 |
| | Barrett | 160 | 1 | 12 | M305 M011 | 9311963708836 |
| | Crochet | 160 | 1 | 12 | M305 M015 | 9311963708850 |
| | Pillar (Round edges) | 160 | 1 | 12 | M305 M016 | 9311963708867 |
| Needle File Sets (in plastic wallet) | | | | | | |
| Contains 1 each: M001, M002, M006, M007, M008, M010 | | | 6 | 1 | M305 M020 | 9311963708959 |
| Contains 1 each: M001, M002, M003, M005, M006, M007 M008, M009, M010, M011, M015, M016 | | | 12 | 1 | M305 M060 | 9311963708966 |

*Orders in multiples of 12

SHAVIV by VARGUS

VARGUS Ltd, established in 1960, is a world leading developer, manufacturer and supplier of cutting and finishing tools to the metalworking and plastics industries. VARGUS is a member of the NEUMO Ehrenberg Group, a diversified multi-national organisation headquartered in Germany.



See it in action

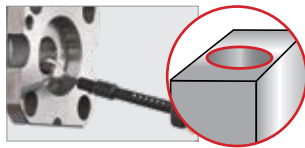
The **Finishing Touch**



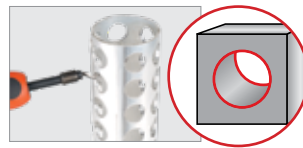
Applications Guide



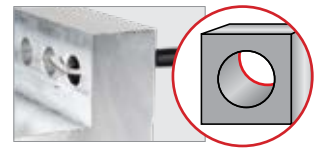
Straight Edge
For Sets: B, E, HC, Burr-Bi



Hole Edge
For Sets: B, E, F, HC



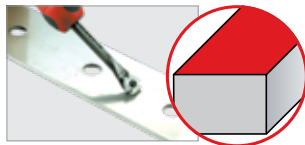
Cross-Hole Both Edge
For Sets: E



Hole Back-Edge
For Sets: E, HC



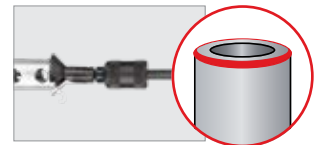
Hole Inner Surface
For Sets: HC



Flat Surface
For Sets: HC



Sheets
For Sets: Burr-Bi



Outer Edge
For Plumber Kit

The Tools of Choice for Industrial Use

SHAVIV deburring blades, sets, kits and tools are the choice of leading companies in the die and mold, automotive, aviation, plastics, electronics assembly, piping and other industries.



Die & Mold



Electrical



Plastic



Automotive



Metal



Plumbing



Aviation















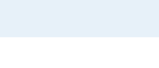

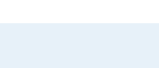











Order your
FREE
WALL CHART
(450 x 720mm)
Item # GP5603



Deburring Selection Chart



Discount Group: Z1003

| Blade Name | Description | Blade (Work Direction Shown) | Applications | | | | | Materials | | | | | | | | Pce | # Item | Barcode | |
|-------------|---|---|---|-----------|-----------------------|----------------|-------|-----------|-----------|--------|-------|-----------|-----------------|----------|------|-----|--------|-------------|---------------|
| | | | Straight Edge | Hole Edge | Cross-Hole Both Edges | Hole Back-Edge | Sheet | Steel | Aluminium | Copper | Brass | Cast Iron | Stainless Steel | Plastics | Wood | | | | |
| B10 | HSS. Deburrs materials with spiral chips. Bulk pack available. |  |  | • | • | | | | | | | | | | | | 2 | SH25129212 | 9311963624556 |
| | | | | | | | | | | | | | | | | | 5 | SH25129512 | 9311963624563 |
| | | | | | | | | | | | | | | | | | 10 | SH25129012* | 9311963624570 |
| B20 | HSS. Rotates clockwise and counter-clockwise. |  |  | • | • | | | | | | | | | | | | 2 | SH25119219 | 9311963624280 |
| | | | | | | | | | | | | | | | | | 5 | SH25119519 | 9311963624297 |
| | | | | | | | | | | | | | | | | | 10 | SH25119019* | 9311963624303 |
| B30 | Simultaneously deburrs the inside and outside of holes up to 0.16" (4 mm) thick. |  |  | | | • | | | | | | | | | | | 2 | SH25129223 | 9311963624310 |
| | | | | | | | | | | | | | | | | | 5 | SH25129523 | 9311963624327 |
| | | | | | | | | | | | | | | | | | 10 | SH25129023* | 9311963624334 |
| B60 | HSS. Removes burrs from back edge of holes up to 0.78" (20 mm) thick. |  |  | | | | • | | | | | | | | | | 2 | SH25129227 | 9311963624341 |
| | | | | | | | | | | | | | | | | | 5 | SH25129527 | 9311963624358 |
| | | | | | | | | | | | | | | | | | 10 | SH25129027* | 9311963624365 |
| E100 | Heavy-duty HSS. Deburrs materials with spiral chips. |  |  | • | • | | | | | | | | | | | | 2 | SH25129234 | 9311963624372 |
| | | | | | | | | | | | | | | | | | 5 | SH25129534 | 9311963624389 |
| | | | | | | | | | | | | | | | | | 10 | SH25129034* | 9311963624396 |
| E110 | E shaft, B10 cutting edge for materials with spiral chips. Deburrs holes with min. diameter 0.08" (2 mm). |  |  | • | • | | | | | | | | | | | | 2 | SH25129238 | 9311963624402 |
| | | | | | | | | | | | | | | | | | 5 | SH25129538 | 9311963624419 |
| | | | | | | | | | | | | | | | | | 10 | SH25129038* | 9311963624426 |
| E200 | HSS for materials with powdery chips. Rotates clockwise and counter-clockwise. |  |  | • | • | | | | | | | | | | | | 2 | SH25129240 | 9311963624433 |
| | | | | | | | | | | | | | | | | | 5 | SH25129540 | 9311963624440 |
| | | | | | | | | | | | | | | | | | 10 | SH25129040* | 9311963624457 |
| E300 | HSS for materials with spiral chips. Simultaneously deburrs the inside and outside of holes up to 0.24" (6 mm) thick. |  |  | | | • | | | | | | | | | | | 2 | SH25129242 | 9311963624464 |
| | | | | | | | | | | | | | | | | | 5 | SH25129542 | 9311963624471 |
| | | | | | | | | | | | | | | | | | 10 | SH25129042* | 9311963624488 |
| E350 | HSS for materials with powdery chips. Rotates clockwise and counter-clockwise. |  |  | • | | | | | | | | | | | | | 2 | SH25129244 | 9311963624495 |
| | | | | | | | | | | | | | | | | | 5 | SH25129544 | 9311963624501 |
| | | | | | | | | | | | | | | | | | 10 | SH25129044* | 9311963624518 |
| E600 | HSS. Removes burrs from back-edges of holes up to 0.78" (20 mm) thick. |  |  | | | | • | | | | | | | | | | 2 | SH25129245 | 9311963624525 |
| | | | | | | | | | | | | | | | | | 5 | SH25129545 | 9311963624532 |
| | | | | | | | | | | | | | | | | | 10 | SH25129045* | 9311963624549 |
| F12 | Countersink for hole-edges with up to 0.47" (10 mm) diameter. |  |  | | | | | | | | | | | | | | 1 | SH25129049 | 9311963624754 |
| F20 | Countersink for hole-edges with up to 0.78" (20 mm) diameter. |  |  | | | | | | | | | | | | | | 1 | SH25129050 | 9311963624761 |
| F30 | Countersink for hole-edges with up to 1.18" (30 mm) diameter. |  |  | | | | | | | | | | | | | | 1 | SH25129051 | 9311963624778 |
| R20 | Double-edged, round HSS blade for massive deburring tasks on materials with spiral chips. |  |  | • | | | | | | | | | | | | | 10 | SH25129142 | 9311963624846 |

*Pricing for 1 blade in a bulk pack of 10

Deburring Glo-Burr E - Heavy Duty



Glo-Burrs offer a light, yet sturdy solution for hand deburring applications, suitable with all E Series Heavy Duty blades. Designed for deburring of steel, aluminium, copper and plastic, they are great for on-the-go.

Features:

- Lightweight, easy-to-grip handle, made from specially engineered reinforced plastic
- Colour coding for each tool and application
- Interchangeable blades
- Convenient pocket clip
- Removable cap for blade storage



Straight Edge



Hole Edge



E100 E200 E300 E111

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|---------------------|-------------------|-----------------|------------|---------------|
| Description | Handle | | | |
| Set Name | Colour | Blades included | | |
| Glo-Burr + E100 | Glo-Burr (Green) | E100 | SH25529155 | 9311963636696 |
| Glo-Burr + E200 | Glo-Burr (Red) | E200 | SH25500268 | 9311963636702 |
| Glo-Burr + E300 | Glo-Burr (Yellow) | E300 | SH25500267 | 9311963636719 |
| Glo-Burr + E111 | Glo-Burr (Blue) | E111 | SH25500270 | 9311963636726 |



Glo-Burr + E100 (Green)
Deburs materials with spiral chips



Glo-Burr + E200 (Red)
Rotates clockwise and counter-clockwise for materials with powdery chips



Glo-Burr + E300 (Yellow)
Deburs inside and outside of holes up to 0.24" (6.0 mm) thick



Glo-Burr + E111 (Blue)
Extra thin. Deburs holes with min. diameter 0.06" (1.5 mm)



Order 20 Glo-Burrs to receive a **BONUS COUNTERTOP MERCHANDISER**
Item # 499999949

Deburring Sets Extra Close - Multi-Purpose

SHAVIV
Leading Deburring Solutions

mango II

Works with all B and E blades.
Permanent adapters for simple blade replacement.
Comfortable, ergonomic handle for standard-sized hands.
For deburring materials with spiral or powdery chips.
Deburr Steel, Aluminium, Copper, Brass, Cast Iron and Plastics.



Straight Edge



Hole Edge



Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|----------------------|-----------|------------------------|------------|---------------|
| Description | Handle | | | |
| Set Name | | Blades included | | |
| Mango IIB + 1 | Mango IIB | B10 | SH25590058 | 9311963624617 |
| Mango IIB + 2 | Mango IIB | B10, B20 | SH25590060 | 9311963624624 |
| Mango IIB + 4 | Mango IIB | B10, B11, B20, B25 | SH25590061 | 9311963624631 |

Deburring Sets Extra Close - Heavy Duty

SHAVIV
Leading Deburring Solutions

mango II

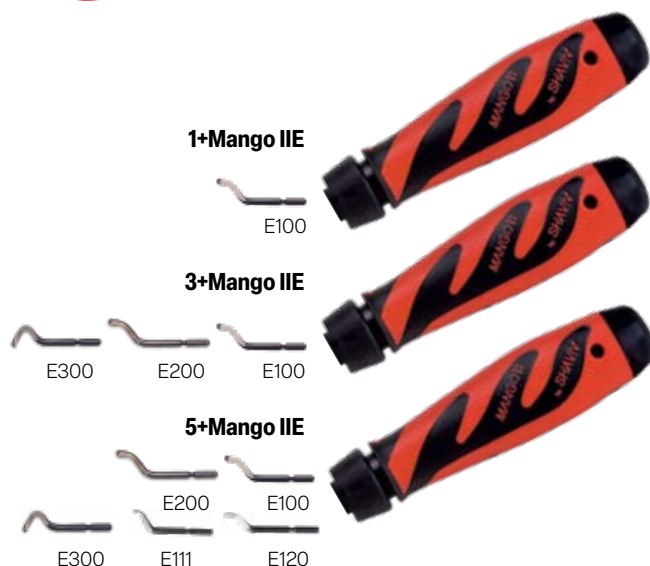
Works with all B and E blades.
Permanent adapters for simple blade replacement.
Comfortable, ergonomic handle for standard-sized hands.
For deburring materials with spiral or powdery chips.
Deburr Steel, Aluminium, Copper, Brass, Cast Iron and Plastics.



Straight Edge



Hole Edge



Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|----------------------|-----------|------------------------------|------------|---------------|
| Description | Handle | | | |
| Set Name | | Blades included | | |
| Mango IIE + 1 | Mango IIE | E100 | SH25590066 | 9311963624587 |
| Mango IIE + 3 | Mango IIE | E100, E200, E300 | SH25590068 | 9311963624594 |
| Mango IIE + 5 | Mango IIE | E100, E111, E120, E200, E300 | SH25500162 | 9311963624600 |

Deburring Sets Extra Close - Bonus Handle

SHAVIV
Leading Deburring Solutions

mango II

Bonus Packs feature plastic 10-pack packaging for easy storage and removal. Cobalt blades excellent for longer blade life - and great on high end material such as stainless steel.

Each Bonus Pack includes 10 blades and **FREE** Mango II handle. Available with HSS or Cobalt E100 blades.



Straight Edge



Hole Edge



Flat Surface



Hole Inner Surface



Cross-Hole Both Edges

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|-------------------------|---------------|------------------------|------------|---------------|
| Description | Handle | | | |
| Set Name | | Blades included | | |
| HSS 10 X E100 | Mango II | 10 x E100 (HSS) | SH25500178 | 9311963624686 |
| Cobalt 10 X E100 | Mango II | 10 x E100S (Cobalt) | SH25500179 | 9311963624693 |

Deburring Sets Heavy Duty Sheet Cleaner

SHAVIV
Leading Deburring Solutions

mango II

For heavy-duty deburring of materials with single or double straight edges up to 0.56" (14mm) thick.

Holder can take two R10 or R20 blades for arc-shaped finishes on workpieces up to 0.63" (16mm) thick. Handguard attached for worker safety.

Deburrs Steel, Aluminium, Copper, Brass, Cast Iron and Plastics.



Straight Edge



Sheets

R10



A" side for" spiral chips

B" side for" powdery chips



BR

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|-----------------------------|---------------|------------------------|------------|---------------|
| Description | Handle | | | |
| Set Name | | Blades included | | |
| Mango II Set Burr-Bi | Mango II | R10 x 2 | SH25500206 | 9311963624853 |

Deburring Long Reach - Heavy Duty



Rugged deburring set for heavy-duty deburring of holes, slots and edges.
E holder supports all E blades.

The most recommended handle for comfort and control in deburrings.

Simple holder mechanism.

Comfortable, ergonomic handle for standard-sized hands.



Straight Edge



Hole Edge



Cross-Hole
Both Edges

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|---------------------|---------------|------------------------|------------|---------------|
| Description | Handle | Contents | | |
| Set Name | | Blades included | | |
| Mango II Set E | Mango II | E100, E200, E300 | SH25590065 | 9311963624648 |

Deburring Long Reach - Countersink



Powerful tool, excellent for chamfering and countersinking.

Use for hole-edge applications with up to 0.79" (20mm) diameter.

The most recommended handle for comfort and control in deburrings.

Simple holder mechanism.

Comfortable, ergonomic handle for standard-sized hands.



Hole Edge

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|---------------------|---------------|------------------------|------------|---------------|
| Description | Handle | Contents | | |
| Set Name | | Blades included | | |
| Mango II Set F | Mango II | F20 | SH25590071 | 9311963624747 |

Deburring Classic Handle



The classic universal handle. Accepts all Shaviv blade holders.
To store spare blades inside handle, simply unscrew the back cap.



Discount Group: Z1003

| Product Information | | Item # | Barcode |
|-------------------------|--|------------|---------------|
| Description | | | |
| Classic Handle A | | SH25200003 | 9311963624679 |

Deburring Handy Chuck

Delivers pin vise versatility for finishing and scraping applications.
Also used for gripping miniature files, drills, reamers, taps, wires, countersinks and other small objects - 0.04"-0.32" (1-8 mm) in diameter.
Handy for assembling electronic components and watch repair.



C50



Straight Edge



Hole Edge



Flat Surface



Hole Inner Surface



Hole Back-Edge

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|------------------------|----------------------|-----|------------|---------------|
| Description | Handle | | | |
| Blades included | | | | |
| Shaviv Set HC5 | Handy Chuck Pin Vise | C50 | SH25500163 | 9311963624662 |

Deburring DisposaBurr

Strong, yet lightweight.
Features convenient pocket clip.
Deburs Steel, Aluminium, Copper and Plastics. Disposable.
Comes with heavy-duty E100 blade.



Straight Edge



Hole Edge



Flat Surface



Hole Inner Surface



Cross-Hole Both Edges



E100

Discount Group: Z1003

| Product Information | | | Item # | Barcode |
|------------------------|---------------|------|------------|---------------|
| Description | Handle | | | |
| Blades included | | | | |
| UB1 DisposaBurr | DisposaBurr | E100 | SH25529181 | 9311963624655 |

Deburring Professional Kits



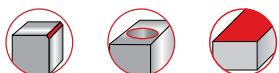
Industry tailored, carefully selected deburring tools suitable for specific tasks in a single kit.



Do It Yourself Kit

The essential deburring tools for general home use, DIYers and craftsmen.

The kit contains 9 multi-purpose tools for deburring a wide range of metals, wood and plastic.



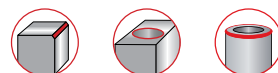
Straight Edge Hole Edge Flat Surface



Plumber Kit

Complete burr removal kit for plumbers. Ideal for use on inner and outer edges of tubes.

The kit contains 8 multi-purpose tools for deburring and chamfering metal and plastic.



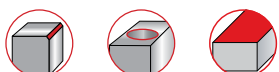
Straight Edge Hole Edge Outer Edge



Electrician Kit

The most essential deburring tools for electricians.

The kit contains 7 multi-purpose tools for deburring and chamfering metal and plastic.



Straight Edge Hole Edge Flat Surface



Aluminium Works Kit

The easiest and fastest way to hand deburr aluminium material.

The kit contains 6 multi-purpose tools for deburring and chamfering a wide range of aluminium works.



Straight Edge Hole Edge

Discount Group: Z1003

| Product Information | | | | | Item # | Barcode |
|----------------------------|---|--|---------------------|--|------------|---------------|
| Set Name | Handle | Holder | Countersink | Blades included | | |
| Do It Yourself Kit | Ergonomic Handle for Standard & Heavy Duty Applications | M Holder For B & E Blades for Standard & Heavy Duty Applications | - | HSS E100, HSS E111, HSS E250, HSS E400, Glo Burr B Yellow Handle with HSS B30, HSS B20 | SH25400051 | 9311963624709 |
| Electrician Kit | Ergonomic Handle for Standard & Heavy Duty Applications | F Holder | F12 Inner | MB2000 Handle with HSS E100, HSS E111, HSS E400 | SH25400054 | 9311963624716 |
| Plumber Kit | Ergonomic Handle for Standard & Heavy Duty Applications | F Holder | F26X Outer Diameter | Glo-Burr E Handle with HSS E100, 3 x HSS E100 | SH25400055 | 9311963624723 |
| Aluminium Works Kit | Aluminium Handle | F Holder | F12 Inner | MB2000 Handle with HSS E200, HSS E300 | SH25400056 | 9311963624730 |

Flaring EzyFlare Tools

sutton

EZYFLARE

Designed for flaring copper tubes used in plumbing applications.
Features: Hex Shank – Suitable for use with quick change holders

Flaring Stop Collar
 Ensures tool flares tube to the correct size



1/4" Hex Shank
 Suitable for use in impact drivers and quick-change adaptors



Discount Group: Z1003

| Product Information | | Item # | Barcode |
|---------------------|--------|-----------|---------------|
| Description | Pieces | | |
| Individuals | | | |
| 1/2" | 1 | Z1001270 | 9311963644578 |
| 3/4" | 1 | Z1001905 | 9311963644585 |
| Sets | | | |
| 1/2" & 3/4" | 2 | Z100S0002 | 9311963644592 |



Z1001270



Z1001905



Z100S0002



Proudly Distributed by: **sutton**[®]

Camping

Farming

Fishing

Hospitality

Gardening



EZE-LAP Diamond products have been the pioneer and originator of diamond sharpeners since the early 1970's. Our unique diamond process and modern technology allows EZE-LAP to produce the finest quality diamond products for the lowest possible price. The superior process of heat treatment that bonds the highest quality industrial grade diamond particles in a stainless alloy to a precision matched metal substrate has been imitated but has never come close to being duplicated.

The resulting surface integrity from the EZE-LAP process measures about 72 on the Rockwell C hardness scale.

By utilizing our technology, EZE-LAP has created a surface that works on carbide, ceramic, tool steel, hardened materials and newer stainless steels that are utilized by most major knife manufacturers today.

EZE-LAP manufactures a wide variety of diamond products.

This allows the customer to pick and choose the model(s) they believe will best serve their needs. The vast array of

diamond sharpeners in the product line include small pocket size flat stones and compact, portable, round diamond sharpeners that are ideally suited for the fisherman, sportsman, or the outdoors person, to the larger diamond bench stones ideal for the workshop.

There are even household and professional size diamond steels for the chef, gourmet, or meat cutter. EZE-LAP manufactures products using five different diamond grits. This wide selection in diamond sizes allows you to match the right diamond surface to your specific sharpening application.

In addition to the flat and round sharpeners, EZE-LAP offers several special use diamond sharpening tools, which include chain saw sharpeners, needle files, flat hand files, and oval sharpeners. EZE-LAP boasts about its quality. We are proud to offer the flattest, most consistent production diamond tools available on the market today. Even after years of satisfaction, EZE-LAP customers are still amazed at the quality and consistency of the finishes that are achieved by the diamond tools.

Grit Descriptions: EZE-LAP manufactures products using five different diamond grits. This wide selection of diamond grits allows you to match the right diamond surface to your specific sharpening needs.

| Grade | Application | Grit | Colour Code |
|-------------------|--|------|-------------|
| Super Fine - SF | Used to achieve the ultimate finish. This grit is best for providing a finished, polished edge. Ideally suited for woodworking and industrial applications where the finest finish is necessary. Available on all flat products and all oval sharpening steels. | 1200 | Blue |
| Fine - F | Our best general purpose grit. We feel that the great majority of your sharpening needs can be performed by our Fine grit. It has the abrasive ability to effectively sharpen a dull knife to a razor edge quickly and easily. The Fine grit is offered on all EZE-LAP products. | 600 | Red |
| Medium - M | When you need a surface that will sharpen quickly but can still achieve a high quality finish the medium grit is perfect for you. This grit is great for re establishing an angle on an edge, taking nicks or chips out of an edge, flattening the soles of hand planes, backs of a chisel or on many lawn and garden tools. Also a good choice for flattening water stones. | 400 | Purple |
| Coarse - C | For when you need to get the job done quickly and are looking for rapid metal removal. This grit lends itself well for sharpening axes, shovels, garden tools, shop tools and deburring. Can also be used for flattening of water stones. Coarse is available on flat tools only. | 250 | Black |
| Extra Coarse - XC | For very fast aggressive metal removal. Great for roughing in or prepping a surface for final finish. Also used for deburring. Extra Coarse is available on flat tools only. | 150 | Green |

Diamond Sharpeners EZE Fold



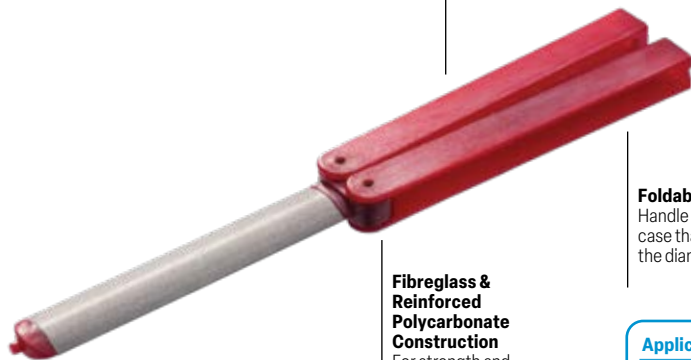
Carrying case that unfolds into a handle.
Suitable for knives, scissors, axes, lawn and garden tools.



530

551

591



Colour Coded
For easy grit identification

Fibreglass & Reinforced Polycarbonate Construction
For strength and durability

Foldable Handle
Handle folds into a case that protects the diamond surface

- Application**
- DIY
 - Outdoor
 - Farming
 - Fishing
 - Hospitality
 - Gardening

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|---------------------------------|--|-------|----------|--------|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | |
| Doubled Sided Flat Shaft | | | | | | |
| 3/4" x 4" | Super Fine/Medium Grit Double Sided, Silver Handle | SF/M | 1200/400 | 1 | 510 | 081819510003 |
| 3/4" x 4" | Super Fine Grit/Ceramic Double Sided, White Handle | SF | 1200 | 1 | 530 | 081819530001 |
| Round Shaft | | | | | | |
| 3 - 1/2" | Round Shaft, Small & Large Grooves for Hooks, Black Handle | C | 250 | 1 | 551 | 081819551006 |
| Tapered Shaft | | | | | | |
| 3 - 1/2" | Tapered Shaft for Serrated Blades, Fine Grit, Red Handle | F | 600 | 1 | 571 | 081819571004 |
| Oval Shaft | | | | | | |
| 4" x 3/4" x 1/4" | Oval Shaft, Fine Grit, Red Handle | F | 600 | 1 | 591 | 081819591002 |

Diamond Sharpeners Hone & Stone



Suitable for carbides, carbide table saw blades, router bits, deburring, hunting and fishing knives, axes, woodworking tools.



LF



Colour Coded
For easy grit identification

Strong Build
Plastic Polycarbonate handle

Slim Design Pad
3/4" x 2" Diamond for hard to reach places

- Application**
- DIY
 - Outdoor
 - Farming
 - Fishing
 - Hospitality
 - Gardening
 - Woodworking
 - Metalworking

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|-------------------------|---|-------------|----------------------|--------|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | |
| Hone & Stone | | | | | | |
| 6" x 3/4" | Super Fine Grit - Blue Handle | SF | 1200 | 1 | LSF | 081819120004 |
| 6" x 3/4" | Fine Grit - Red Handle | F | 600 | 1 | LF | 081819120011 |
| 6" x 3/4" | Medium Grit - Purple Handle | M | 400 | 1 | LM | 081819120028 |
| 6" x 3/4" | Coarse Grit - Black Handle | C | 250 | 1 | LC | 081819120035 |
| 6" x 3/4" | Extra Coarse Grit - Green Handle | XC | 150 | 1 | LXC | 081819120042 |
| Sets | | | | | | |
| 6" x 3/4" | 3 Pce Set: Super Fine, Fine & Medium Grit in vinyl pouch | SF/F/M | 1200/600/400 | 3 | L PAK3 | 081819121001 |
| 6" x 3/4" | 5 Pce Set: Super Fine, Fine, Medium, Coarse & Extra Coarse Grit in vinyl pouch | SF/F/M/C/XC | 1200/600/400/250/150 | 5 | L PAK5 | 081819123005 |

Diamond Sharpeners Pen Style



Stores in a pen type cap.
Clips to pocket, pouch or backpack for easy access in field and workshop.
Suitable for fishing knives, pocket knives, multi-tools, hooks, darts, needles, points, jewellery making.



S



Application

DIY
Outdoor
Farming
Fishing
Jewellery Making

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|---------------------|--|-------|------|--------|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | |
| Pen Type | | | | | | |
| 5 1/2" | D Shaped Shaft with Groove for Fishhooks | F | 600 | 1 | S | 081819130010 |
| 5 1/2" | Pocket Size with Tapered Shaft for Serrated Blades | F | 600 | 1 | ST | 081819132014 |

Diamond Sharpeners Round, Oval



Diamond Sharpening Steels provides a new edge every time compared to conventional steels.
Available in round and oval shapes.



G



Application

DIY
Outdoor
Hospitality

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|------------------------|--|-------|------|--------|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | |
| Round Sharpener | | | | | | |
| 8" x 3/8" | Round Shaft Diamond Steel with Plastic Handle | F | 600 | 1 | G | 081819700015 |
| 10" x 7/16" | Round Shaft Diamond Steel with Plastic Handle | F | 600 | 1 | P | 081819160017 |
| 3-1/4" x 1/4" | Diamond Round Shaft Stores in Brass Handle, Pouch with Belt Loop | F | 600 | 1 | M | 081819190014 |
| Oval Sharpener | | | | | | |
| 5" | Super Fine Oval with Plastic Handle (Sleeve) | SF | 1200 | 1 | D5SF | 081819000504 |
| 5" | Fine Oval with Plastic Handle Bulk (Sleeve) | F | 600 | 1 | D5F | 081819000528 |
| 5" | Fine Oval with Plastic Handle Bulk (Clam) | F | 600 | 1 | D5FC | 081819000511 |
| 10" | Super Fine Oval with Plastic Handle (Sleeve) | SF | 1200 | 1 | D10SF | 081819001006 |
| 10" | Fine Oval with Plastic Handle (Sleeve) | F | 600 | 1 | D10F | 081819001013 |
| 12" | Super Fine Oval with Plastic Handle (Sleeve) | SF | 1200 | 1 | D12SF | 081819001204 |
| 12" | Fine Oval with Plastic Handle (Sleeve) | F | 600 | 1 | D12F | 081819001211 |

Diamond Sharpeners Pocket Stone

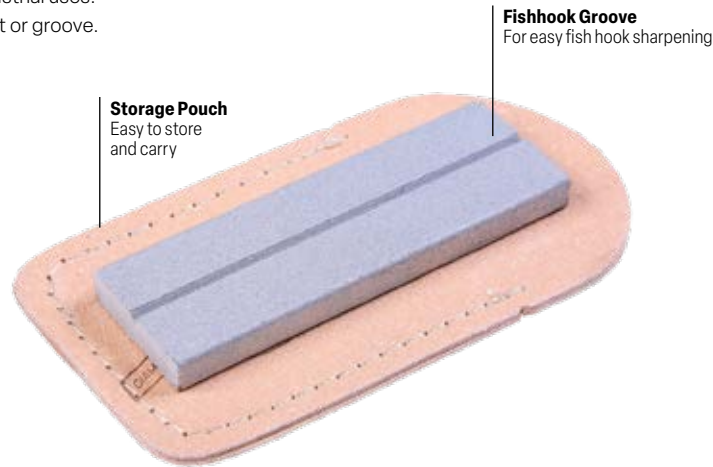


Suitable for hunting and fishing knives, woodworking tools, axes, machetes, lawn and garden tools, kitchen and industrial uses.

The stones stay flat and will not dish out or groove.
No oil or water is necessary.



26F



Application

DIY
Outdoor
Farming
Fishing
Hospitality
Gardening
Woodworking
Industrial

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|--------------------------------------|--|-------|------|--------|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | |
| Pocket Stone (Includes Pouch) | | | | | | |
| 1" x 3" x 1/4" | Fine Grit Stone with Groove in Pouch | F | 600 | 1 | 26F | 081819002614 |
| 1" x 3" x 1/4" | Super Fine Grit Stone with Groove in Pouch | SF | 1200 | 1 | 26SF | 081819002607 |
| 1" x 3" x 1/4" | Medium Grit Stone with Groove in Pouch | M | 400 | 1 | 26M | 081819002621 |
| 1" x 4" x 1/4" | Fine Grit Stone with Groove in Pouch | F | 600 | 1 | 36F | 081819003611 |
| Pocket Stone | | | | | | |
| 1" x 3" x 1/4" | Super Fine Grit Stone with Fishhook Groove | SF | 1200 | 1 | 21SF | 081819002102 |

Diamond Sharpeners Double Sided Stone



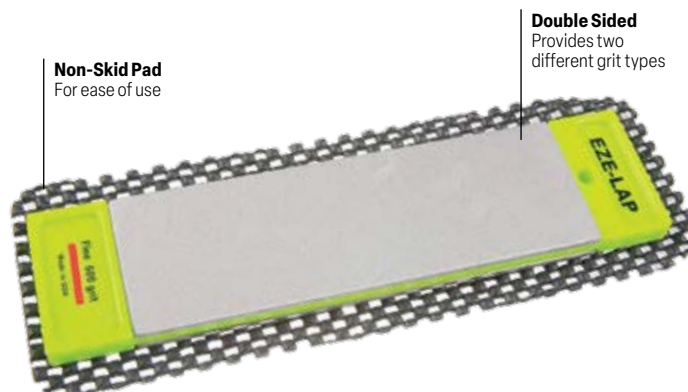
Double-sided stone in grit combinations.

Reshape with heavier sided grit, and polish with lighter grit.

Non-slip mat for ease of use.



DD6SF/F



Application

DIY
Hospitality

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|---|------------------------------|-------|----------|--------|---------|--------------|
| Size | Description | Grade | Grit | Pieces | | |
| Double Sided Stone (Includes a Non-Skid Pad) | | | | | | |
| 2" x 6" | Super Fine/Fine Grit Stone | SF/F | 1200/600 | 1 | DD6SF/F | 081819446012 |
| 2" x 6" | Super Fine/Medium Grit Stone | SF/F | 1200/600 | 1 | DD6SF/M | 081819446029 |
| 2" x 6" | Fine/Coarse Grit Stone | F/C | 600/250 | 1 | DD6F/C | 081819446135 |
| 3" x 8" | Super Fine/Fine Grit Stone | SF/F | 1200/600 | 1 | DD8SF/F | 081819448016 |
| 3" x 8" | Super Fine/Medium Grit Stone | SF/M | 1200/400 | 1 | DD8SF/M | 081819448023 |
| 3" x 8" | Fine/Coarse Grit Stone | F/C | 600/250 | 1 | DD8F/C | 081819448139 |

Diamond Sharpeners Bench Stone



Suitable for hunting and fishing knives, woodworking tools, axes, machetes, lawn and garden tools, kitchen and industrial uses.

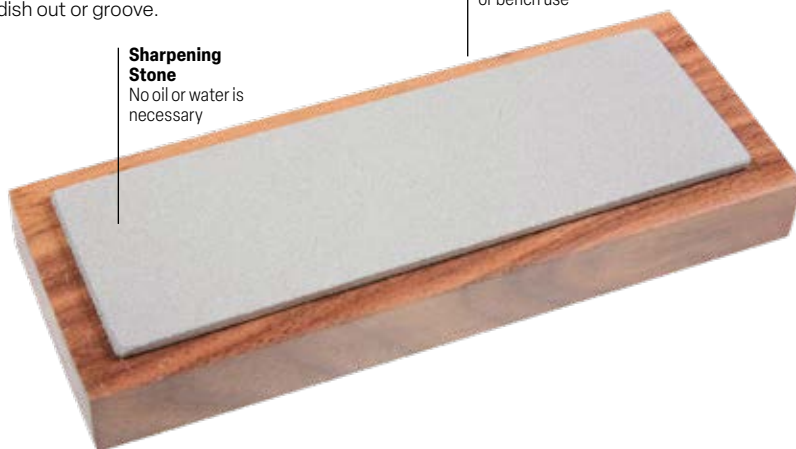
The stones stay flat and will not dish out or groove. No oil or water is necessary.

Walnut Pedestal
For easy handling or bench use

Sharpening Stone
No oil or water is necessary



32F



Application

- DIY
- Outdoor
- Farming
- Fishing
- Hospitality
- Gardening
- Woodworking
- Industrial

Discount Group: Z1401

| Product Information | | | | | | Item # | Barcode |
|---|---|-------|------|--------|--|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | | |
| Bench Stone (Includes Walnut Pedestal) | | | | | | | |
| 1" x 3" | Fine Grit Stone on a Walnut Pedestal, no groove | F | 600 | 1 | | 22F | 081819002218 |
| 1" x 4" | Fine Grit Stone on a Walnut Pedestal, no groove | F | 600 | 1 | | 32F | 081819003215 |
| 1" x 6" | Fine Grit Stone on a Walnut Pedestal | F | 600 | 1 | | 42F | 081819004212 |
| 2" x 4" | Fine Grit Stone on a Walnut Pedestal | F | 600 | 1 | | 52F | 081819005219 |
| 2" x 6" | Fine Grit Stone on a Walnut Pedestal | F | 600 | 1 | | 62F | 081819006216 |
| 2" x 6" | Medium Grit Stone on a Walnut Pedestal | M | 400 | 1 | | 62M | 081819006223 |
| 2" x 8" | Fine Grit Stone on a Walnut Pedestal | F | 600 | 1 | | 72F | 081819007213 |
| Bench Stone | | | | | | | |
| 2" x 4" x 1/4" | Fine Grit Stone | F | 600 | 1 | | 51F | 081819005110 |
| 2" x 6" x 1/4" | Super Fine Grit Stone | SF | 1200 | 1 | | 61SF | 081819006100 |
| 2" x 6" x 1/4" | Fine Grit Stone | F | 600 | 1 | | 61F | 081819006117 |
| 2" x 8" x 1/4" | Super Fine Grit Stone | SF | 1200 | 1 | | 71SF | 081819007107 |
| 2" x 8" x 1/4" | Fine Grit Stone | F | 600 | 1 | | 71F | 081819007114 |
| 2" x 8" x 1/4" | Medium Grit Stone | M | 400 | 1 | | 71M | 081819007121 |
| 3" x 8" x 1/4" | Super Fine Grit Stone | SF | 1200 | 1 | | 81SF | 081819008104 |
| 3" x 8" x 1/4" | Fine Grit Stone | F | 600 | 1 | | 81F | 081819008111 |
| 3" x 8" x 1/4" | Medium Grit Stone | M | 400 | 1 | | 81M | 081819008128 |
| Flat Plate | | | | | | | |
| 8" x 8" | Coarse Grit Flat Plate | C | 250 | 1 | | 151C | 081819015133 |

Diamond Sharpeners Fixed Angle



Easy clamp on fixed angle kit to ensure proper angle sharpening for perfect results.

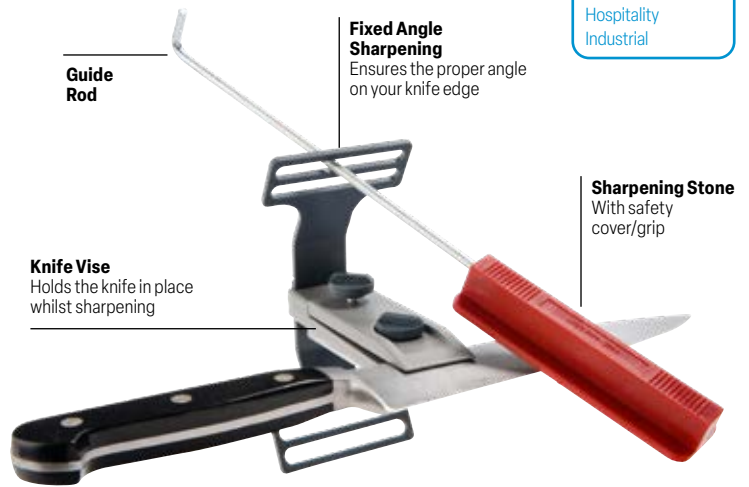
Kit includes knife clamp, angle guides, guide rods in a roll pouch. Comes in superfine, fine and medium diamond sharpening stones.



K011



DMD-KIT



Application
DIY
Hospitality
Industrial

Discount Group: Z1401

| Product Information | | | | Item # | Barcode |
|---|--------|--------------|--------|---------|--------------|
| Description | Grade | Grit | Pieces | | |
| 3 Pce Fixed Angle Sharpening Stone Kit | | | | | |
| Includes Super Fine, Fine & Medium | SF/F/M | 1200/600/400 | 3 | DMD-KIT | 081819413403 |
| Replacement Fixed Angle Sharpening Stone | | | | | |
| Red - Fine | F | 600 | 1 | K011 | 081819110111 |
| Purple - Medium | M | 400 | 1 | K012 | 081819110128 |
| Black - Coarse | C | 250 | 1 | K013 | 081819110135 |

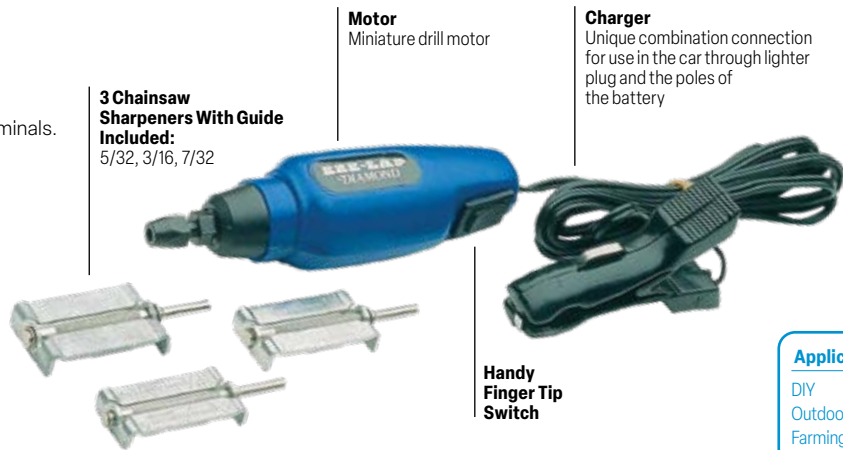
Diamond Sharpeners Chainsaw



12 volt chainsaw sharpening kit. Designed for cigarette lighter or battery terminals. Precision guide for efficient sharpening.



CSG 3/16



EZELAP Diamond Sharpener Kit CSK

Application
DIY
Outdoor
Farming
Industrial

Discount Group: Z1401

| Product Information | | | | | Item # | Barcode |
|--|--|-------|------|--------|----------|--------------|
| Size | Description | Shank | Grit | Pieces | | |
| 4 Pce Chainsaw Sharpening Kit | | | | | | |
| 5/32", 3/16", 7/32" | 12-Volt Chainsaw Sharpening Kit | 1/8 | | 4 | CSK | 081819110029 |
| Chainsaw Files | | | | | | |
| 5/32" | Diamond chainsaw file, threaded | 1/8 | | 1 | CSR 5/32 | 081819180527 |
| 3/16" | Diamond chainsaw file, threaded | 1/8 | | 1 | CSR 3/16 | 081819180329 |
| 7/32" | Diamond chainsaw file, threaded | 1/8 | | 1 | CSR 7/32 | 081819180725 |
| Chainsaw Files with Precision Guide | | | | | | |
| 5/32" | Diamond chainsaw file with precision guide | 1/8 | | 1 | CSG 5/32 | 081819700527 |
| 3/16" | Diamond chainsaw file with precision guide | 1/8 | | 1 | CSG 3/16 | 081819700329 |
| 7/32" | Diamond chainsaw file with precision guide | 1/8 | | 1 | CSG 7/32 | 081819700725 |

Diamond Sharpeners Special Use Items



12 different shapes.

2 durable efficient grits – Fine and Coarse.

Used by Gunsmiths, tool and die makers, jewellers and stockmakers.



600F

600C

605F

605C

Application

- DIY
- Industrial
- Jewellery Making

Discount Group: Z1401

| Product Information | | | | | | Item # | Barcode |
|--|--|-------|------|--------|--|--------|--------------|
| Size | Description | Grade | Grit | Pieces | | | |
| Diamond Needle File - Red Handle | | | | | | | |
| 140 | Round | F | 600 | 1 | | 601F | 081819060119 |
| 140 | Square | F | 600 | 1 | | 602F | 081819060219 |
| 140 | Three Square | F | 600 | 1 | | 603F | 081819060317 |
| 140 | Half Round | F | 600 | 1 | | 604F | 081819060416 |
| 140 | Flat Warding | F | 600 | 1 | | 605F | 081819060516 |
| 140 | Knife | F | 600 | 1 | | 606F | 081819060613 |
| 140 | Hand | F | 600 | 1 | | 608F | 081819060812 |
| Diamond Needle File - Purple Handle | | | | | | | |
| 140 | Three Square | C | 250 | 1 | | 603C | 081819060324 |
| 140 | Half Round | C | 250 | 1 | | 604C | 081819060423 |
| 140 | Flat Warding | C | 250 | 1 | | 605C | 081819060522 |
| 140 | Hand | C | 250 | 1 | | 608C | 081819060829 |
| 6 Pce Diamond Needle File Sets | | | | | | | |
| 140 | Round, Square, Three Square, Half Round, Flat Warding, Knife | F | 600 | 6 | | 600F | 081819060010 |
| 140 | Hand, Crossing, Barrette, Round Edge Joint, Slitting, Pippin | F | 600 | 6 | | 607F | 081819060713 |
| 140 | Round, Square, Three Square, Half Round, Flat Warding, Knife | C | 250 | 6 | | 600C | 081819060027 |
| 140 | Hand, Crossing, Barrette, Round Edge Joint, Slitting, Pippin | C | 250 | 6 | | 607C | 081819060720 |



Diamond Sharpeners Needle Files



Credit Card Stone



201

Chisel Care Kit



CCKF

Carbide Knife & Tool Sharpener



EE02

Ceramic Combo Pocket Stone



CD4

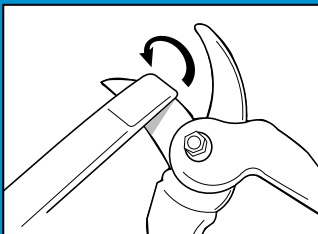
Application

- DIY
- Outdoor
- Farming
- Fishing
- Hospitality
- Woodworking

Discount Group: Z1401

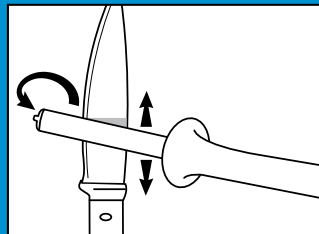
| Product Information | | | | | | Item # | Barcode |
|-----------------------------------|---|-------|-------|------|--------|--------|--------------|
| O/A Length | Description | Shape | Grade | Grit | Pieces | | |
| Credit Card Stone | | | | | | | |
| 2" x 3-1/4" | Super Fine Stone | | SF | 1200 | 1 | 200 | 081819200003 |
| 2" x 3-1/4" | Fine Stone | | F | 600 | 1 | 201 | 081819201000 |
| 2" x 3-1/4" | Medium Stone | | M | 400 | 1 | 202 | 081819202007 |
| Eze Edge | | | | | | | |
| | Carbide Knife & Tool Sharpener | | | | 1 | EE02 | 081819055023 |
| Chisel Care Kit | | | | | | | |
| 50 x 150 x 6mm | Diamond Plate Chisel Guide | | | | 1 | CCKF | 081819661996 |
| Ceramic Combo Pocket Stone | | | | | | | |
| 3/4" x 4" | Double Sided Super Fine Diamond/Ceramic Combo Pocket Stone + Sheath | | | | 1 | CD4 | 081819344004 |

Diamond Sharpeners How To Use



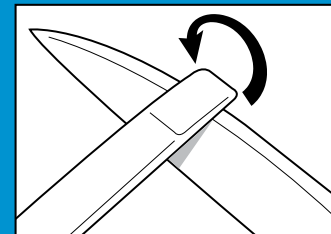
Secateurs - LF

Open your secateurs and locate the ground angled edge. Lay the diamond pad flat on the angle, then raise slightly and rub in small circles along the full length of the blade. Start with a firm pressure then finish lightly. Use and clean regularly.



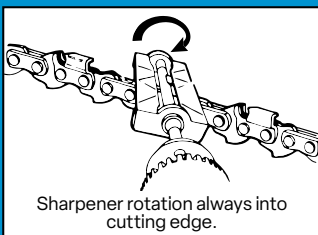
Knives - D5F

Holding your knife steady, lay the diamond shaft flat on the blade, lift slightly (so you are not touching the blade face). Rub in small circles or up and down along the blade length, try keeping the angle the same doing both sides evenly. Start with a firm pressure then finish lightly. Use and clean regularly.



Knives - LF

Hold your knife steady, lay the diamond pad flat on the blade, lift slightly (so you're not touching the blade face). Rub in small circles or up and down along the blade keeping the angle the same. Do both sides evenly. Start with a firm pressure then finish lightly. Use and clean regularly.

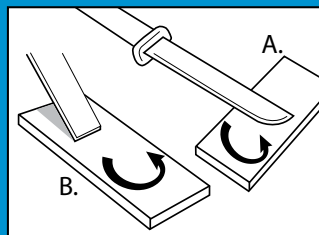


Sharpener rotation always into cutting edge.

Diamond Chainsaw Sharpeners - CSG

Put Sharpener and guide on tooth. Align with cutting edge. Start drill motor, hold steadily in place.

Do not oscillate or reciprocate. Use with standard drill motor. Apply thumb side pressure to side of guide. Do not apply side pressure to drill motor.



Knives & Tools - 61F or 72F

A. Lay your knife flat on the diamond plate, lift slightly (so you're not touching the blade face). Rub in small circles or up and down along the blade length, keeping the angle the same doing both sides evenly. Start with a firm pressure then finish lightly.

B. Position the ground angle on the plate. Use a circular or up/down action to shape the edge.

Turn blade over flat to hone off any burr and polish.

