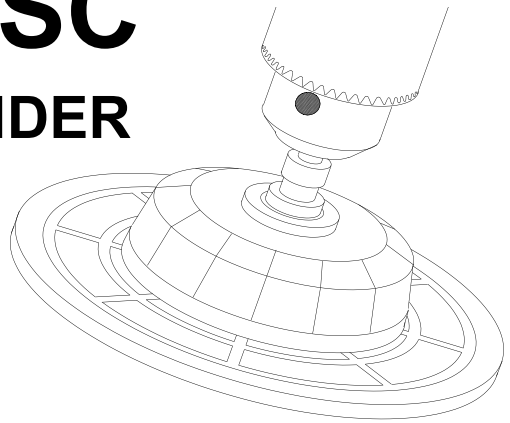
FLEXI-DISC

SANDER / GRINDER
FLEXIBLE
OR
RIGID



ONE YEAR GUARANTEE

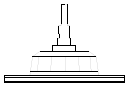
The FLEXI-DISC SANDER / GRINDER and the UNICLAMP are guaranteed for 1 year from date of purchase. Should any faults arise through fair wear and tear defective parts will be exchanged free of charge. The guarantee does not include Sanding discs, Cleaning rubber, Polishing cap and sponge, or any damage due to incorrect use.

ADDITIONAL PROMISE

Should the FLEXI-DISC SANDER/GRINDER not give complete satisfaction return it undamaged within 28 days of purchase and your purchase price will be refunded.

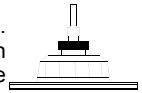
The FLEXI-DISC SANDER / GRINDER gives a superb finish on wood, metal, fibreglass, car body filler and all hard materials.
The flexible shaft removes vibration and allows the sander to be used flat on the surface giving a better finish than most industrial belt and orbital sanders.
The fast rotation speed achieves sensational results in a fraction of the time normally taken by conventional sanders.
This versatile tool will also sharpen chisels, plane blades, lathe tools, axes and garden tools without the rapid overheating of normal abrasive wheels.
The top quality corundum discs are so hard they can sand and polish glass and marble and last many times longer than conventional discs.

ASSEMBLY AS FLEXIBLE SHAFT SANDER



Remove the flexible drive shaft from the black plastic container & insert into the plate from the red Velcro side, ensuring the key in the plate locks into the hole in the drive shaft. Screw on the black plastic cap. This has a left hand thread so has to be turned anticlockwise to tighten. Fit the shaft into the drill chuck. Place the required grade of sanding disc onto the plate, ensuring it covers the complete surface. **Do <u>not</u> fit the metal nut for sanding.** If the metal nut is left on the sander will jump & scuff.

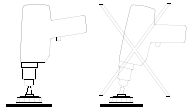
CONVERSION TO RIGID SHAFT GRINDER



To convert the Flexi-disc to a rigid shaft grinder add the metal nut. This will lock the shaft. .Always remember to take the metal nut off completely before using the Flexi-disc again as a sander. It is easier and safer to clamp the drill in a Uniclamp than to hand hold the drill whilst sharpening tools
Remember “FLEXIBLE FOR NORMAL - RIGID FOR GRINDING”

<u>TO OBTAIN PERFECT RESULTS THESE INSTRUCTIONS MUST BE FOLLOWED</u>

USING THE FLEXI-DISC AS A SANDER

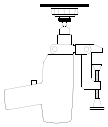


When sanding do not fit the metal locking nut.
IMPORTANT Use the plate **flat** on the surface, keeping the drill **as close to right angles to the surface as possible**. The maximum design variation is 5 degrees from the right angle position. If the shaft is bent over it flexes backwards and forwards on each rotation which will eventually cause the flexible core to overheat & break. Bending the shaft too far will also cause the plate to lift resulting in scuffs & scratch marks.
Use only light pressure for best results. Excessive pressure causes scratches and can break the flexible core. The Flexi -disc head must be in full contact with the work surface at all times, shaft damage can occur if used on curved surfaces or corners whilst in flexible drive, see rigid drive for these applications.
Keep the sander moving over the complete surface to be sanded.
The disc and plate can be damaged by catching the edge against protruding nails or other sharp edges. Always bring the sander down on top of them.
Do not use the drill in reverse mode.

USING THE FLEXI-DISC IN RIGID DRIVE MODE

Add the metal locking nut.
Rigid drive mode is used when the Flexi-disc shaft cannot be kept at right angles to the work surface.

USING THE FLEXI-DISC AS A GRINDER FOR TOOL SHARPENING



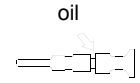
Add the metal locking nut.
Fit the Uniclamp to the neck of your drill and attach to a workbench with the drill upright.
A coarse 60 grit disc is ideal for initial sharpening, finish off with finer discs as required.
When sharpening tools always work with the rotation of the drill, not against it, i.e. with the disc rotating from the back of the blade towards the edge being sharpened.
Practice sharpening tools for the first time at slow speed, increasing speed when confident.

DISCS are available in various grades, the normal pack ranging from coarse 60 grit to extra fine 400 grit. Very coarse 24 grit discs are available whilst stocks last but are being phased out.
Any grade of disc may be used on any material. Coarse discs will rapidly remove excess or rough material (rust, paint, saw cuts etc.) but may leave scratch marks. Medium, fine & extra fine (wet & dry) discs are then used to obtain the final superb finish.

CLEANING DISCS

Discs can be cleaned by sanding a cleaning rubber, or a rolled up plastic bag. Hard pvc like electrical conduit is better for cleaning weathered oil based paint. If the discs will not clean by this method it normally means that excessive pressure has been used or the sander has been kept in one place for too long, resulting in a build up round the edge. Discs should then be cleaned by first using a wire brush to loosen the compacted powder, then cleaned in the normal way.
Certain types of resin or acrylic paint which have a very low melting point, materials which do not harden completely, pine resin, fresh paint, flexible wood fillers, or paints that are not properly keyed to the undercoat will not grind to a powder and can be more difficult to remove completely. This problem can sometimes be reduced by using a slower drill speed and by applying the Flexi-disc in bursts of a few seconds only, allowing the ground material to cool between bursts so it does not melt onto the disc.

MAINTENANCE



Before using and before storing the Flexi-disc apply a few drops of oil to the flexible part of the shaft so it does not dry out or rust.

SAFETY

Use eye protection when using the Flexi-disc or any other power tool. Avoid inhaling the dust and use a dust mask when sanding large areas.