

DIAMOND CUTTERS EXPLAINED

Diamond is the hardest substance known to man, and highly resistant to abrasion. In a wide variety of industries, diamond is the choice of many machining and engraving applications. The highly polished surface of diamond gives the bright cut of quality engraving. Both the drag diamonds and the burnishers are sharpened to micron precision tolerances for long lasting accuracy. With the introduction of burnishing diamonds, engraving time can be drastically reduced. These tools can produce a bright cut, many times wider than conventional diamonds and are especially effective on coated metals.

DRAG DIAMONDS

The drag engraving tool has a conical natural diamond, bonded into a stainless steel shank. It has no cutting facets, so depth is dependent on engraving pressure. Generally used without a motor, the drag diamond cuts a bright groove through any metal item.

Available with 90° (extra care required as 90° tip is extremely pointed and can be damaged easily), 120° and 150° tips for hard, medium and soft metals respectively.

**SPECIAL OFFER
BUY 3 GET 1 FREE**



BURNISHING DIAMONDS

Burnishing diamonds can drastically reduce engraving time. Burnishers are diamonds with polished cutting facets. They come in different tip widths and are generally used with the spindle motor on. They engrave much wider than drag diamonds and produce a superior bright finish.



DIAMOND QUILL

A unique faceted cutter, designed to give the effect of hand engraving when dragged without the motor. The tool gives a broad stroke in one direction, tapering to fine lines in others. Turns a single line script into a professional full-bodied style. Three tip widths available .005", .010" & .020".



PEN ENGRAVING DIAMOND

This tool is designed to run with the spindle motor running and it is recommended to use the Light Touch adaptor (see page 12 or 16). The diamond has cutting facets, rising to a point and is perfect for fine detail on coated pens, lighters, etc. Also known as:



SUPER CUT DIAMOND

Used with the motor running on hard metals. Fixed cutter knob required.

COMPOSITE DIAMONDS

This tool has diamond particles, bonded in a resin, to form a fine 120° abrasive grinding tip. It is used with the spindle motor running. It is mostly used for high quality glass engraving, but can also give a deeper, matt finish on metals.



6 FLUTE FACETED DIAMONDS

This tool has 6 facets to form a fine 120° diamond tip. It is used with the spindle motor running for high quality glass engraving. The diamond cutter can be relapped* to extend its life when worn.



*RELAP CHARGE £35.00

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GLASS OIL

We strongly recommend that you always use our glass oil when engraving glass with the faceted & composite diamonds.

EA009 £6.50



RUB N BUFF

Enhance your engraving on glass and metal with this superb colour-filling paste. Rub 'n' Buff is quick drying and durable, and the only product available to effectively colour diamond engraving.



RUB N BUFF GOLD	£6.25
RUB N BUFF SILVER	£6.25
RUB N BUFF BLACK	£6.25
RUB N BUFF RED	£6.25
RUB N BUFF WHITE	£6.25

Diamond cutters do not last forever. A careful watch needs to be kept on the quality of the tip. In a busy shop, the cutter should be replaced every six months, or sooner, if used on hard surfaces.