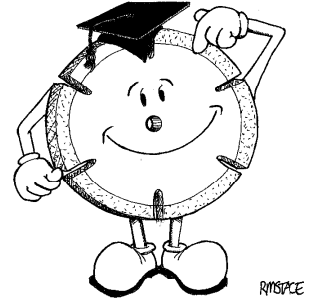


DIAMOND BLADEMAN

DIAMOND TIPS



SAFER DIAMOND BLADES

Diamond blades of the segmented type can be laser welded or brazed together with low melting point brazing material. Diamond Blademan favours laser welding for power cut off saws such as the Partner, Stihl, Dolmar etc

Laser welded diamond blades are assembled by melting the steel core of the blade and the lower part of the diamond segments to make a new tough composite material at the joint. This joint is very strong, certainly potentially from 50% to 100% stronger than an equivalent joint manufactured with brazing equipment.

Safety is of paramount importance for the power cut off saw operator, his co-workers and members of the public in the general vicinity. The tougher the blade, the less likely it is to fly apart at high speed when under tough cutting conditions. Diamond segments and hunks of diamond blades travelling at very high speed can easily kill and maim at up to 30 metres or so from the saw. Anything that can be done to reduce the chance of catastrophic failure of the diamond blade should be done .ie stronger joints create potentially safer diamond blades.

Having assembled a diamond blade is one thing but to do this consistently well requires a manufacturing discipline like the I.S.O.9001. quality standard. Power cut off saw blades by Diamond Blademan are manufactured to strict I.S.O.9001 standards.

A diamond blade's steel core will be less stressed by a free cutting segment well matched to the job at hand. More than 25 years experience with diamond blades in new Zealand's widely varying conditions has enabled us time to time to learn how to closely match power cut off saw blades to the saw in question, the material to be cut, operator preference and budget. A well matched diamond blade is a safer tool for the operator. Diamond Blademan has a very large range of power cut off saw diamond saw blades to choose from.

All Diamond Blademan power cut off saw blades are carefully tensioned for high speed operation and tested for joint strength before being shipped to New Zealand. In addition the trained eye of a Diamond Blademan quality inspector checks each blade prior to shipment to the customer.

To ensure greater safety for Diamond Blademan customer operators, each blade is shipped with comprehensive operating information, is supported by our "Help" line, our technically inclined website, our safety training and "Power cut off sawing guide" developed under OSH's watchful eye.

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