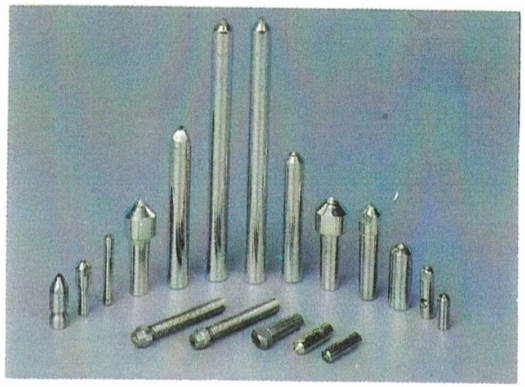
Single Point Diamond Dresser

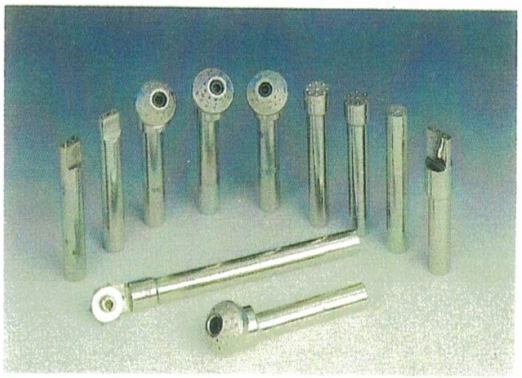


Single Point Diamond Dresser's are made of selected diamonds, Mounted in a matrix. Only one cutting edge is presented to the grinding wheel. Diamonds for Single Point Dressing Tools are selected for their structural strength, number of points, degrees of sharpness, and lack of determental flaws. The proper selection of size and quality appropriate for a given application required qualified judgement.

We offer four grade of diamonds for Single Point Dressers.

- Brutted - "MA" Grade - Average.
- Brutted - "MS" Grade - Superior.
- Brutted - "MES" Grade - Extra Superior.
- Natural Point - "GEM" Grade.

Cluster Type Diamond Dressers

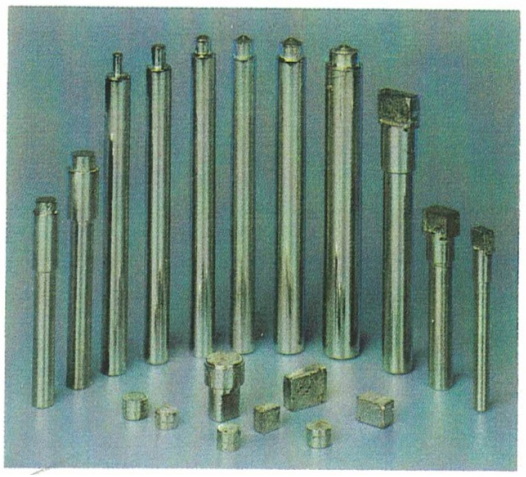


Cluster Type tools replace large single points. The clusters consist of 5, 7, 9, 12 small diamonds set in a variety of patterns for dressing larger or coarser and harder wheels. Since more than one diamond comes in contact with the wheel, the work load is divided. Also, since smaller diamonds are less expensive per carat than large stones, cluster tools often effect important savings.

Multipoint Indexable Crown - Balaji Multipoint Diamond Dresser in which sharp natural diamonds are set in a circular crown at right angle to the operating plane. As soon as the diamonds on the indexed position are completely used up, the crown can be readjusted on the shank for new points. Shanks for the crown are made to customer's specification.

Application - All types of larger wheels & cylindrical centreless grinders where fine truing is considered important.

Diamond Grit Impregnated Dressers



Application

Grit Impregnated Dressers are used mainly for finish grinding, i.e. on screw-thread gear, thread gear teeth and profile grinding machines as well as on tool grinders, plain grinding machines and ball grinding plant.

The diamond grain, concentration and bond are appropriately inter adjusted.,

Advantages

- Restores the required effective roughness of the wheel surface is adapted to the machining operation by varying the traverse dressing feed.
- Complete use without maintenance.
- The dressing of acute angled wheel profiles presents no problems