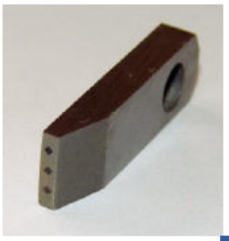
# CVD- MCD
# Dressing Blades

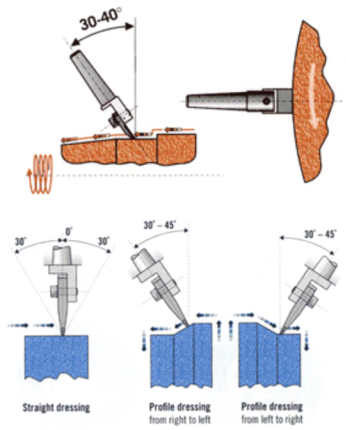


# Guidelines - EZ BLADE TYPE DIAMOND DRESSING TOOL

1.Wheel surface speed- Dress at full working surface speed.

2. Always use blade tool in such a fashion that the diamond-free section on the back of the blade touches the grinding wheel first. This will ensure a free-cutting dressing operation. Use uninterrupted - constant flow of strong Coolant while dressing as diamonds are very heat sensitive.

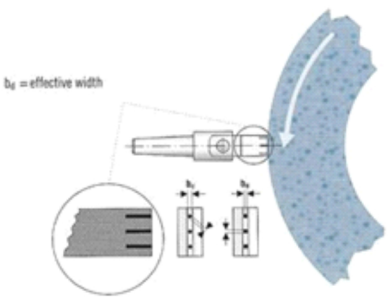
3.In order to increase the wheel's surface roughness, increase the cross feed velocity rather than increasing the depth of dressing in feed.




## CVD - MCD Dressing Blades

EZ CVD & MCD BLADES Manufactured with CVD or MCD Type Synthetic Needles. Except this EZ CVD-MCD BLADES are similar to EZ Blade type Diamond Dressers. These CVD & MCD inserts are arranged in a very systematic pattern in parallel or at 45º into the blade dressing blank. The main advantage of CVD & MCD Needles is Thermal Conductivity. The thermal conductivity of CVD & MCD is most superior to that of Natural diamond. It helps greatly to consistency of Performance by drawing away heat from the contact zone between CVD or MCD dressing tool and grinding wheel. EZ CVD-MCD BLADES are manufactured using high graded metal and metal alloys that assure our clients with durability. EZ CVD & MCD Dressing Blades are manufactured in various Grades, Dimensions and Single or Multiple Layers.

## Determining MCD Cross-Section and No. of MCD Inserts




| Cross Section | For Abrasive Grit Size |
|---|---|
| MCD 0.6x 0.6mm (0.024") | 120 and Finer |
| MCD 0.8 x 0.8mm (0.031") | 80 and coarser |

| No. of MCD inserts wheel diameter | |
|---|---|
| Up to 100mm (4") | 2 MCDs |
| Up to 500mm (20") | 3 MCDs |
| Up to 750mm (30") | 4 MCDs |