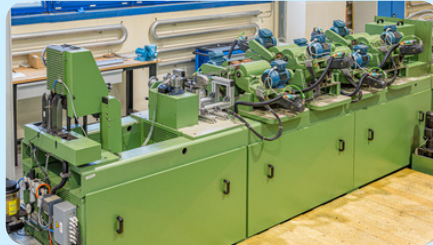


Grinding Tools for Razor Blade Industry

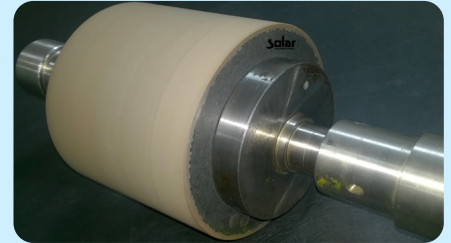
Solar Diamond offers complete solutions for Razor Blade grinding, both two and three faceted blades are ground using cBN wheels on Rough and Semi-Finish stations. These tools are manufactured in State-of-the-Art facility as per customer Design.



Razor Blades -
Single / Double Edge



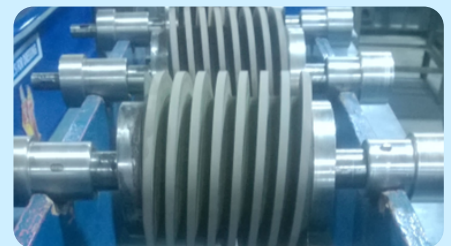
Blade Grinding Machine



Cylindrical Wheel (Rough)



Disc Type Wheel (Semi-Finish)



Spiral Wheel (Semi-Finish)

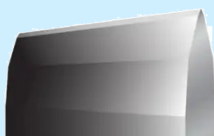
Application

- Resin bond cBN wheel for roughing & semi-finish station
- Resin bond Diamond /cBN wheel for Die & Punch grinding
- Metal bond Diamond wheel to cut spiral on Abrasive wheel
- Diamond Dressers for dressing abrasive wheels
- Dressing sticks for exposing cBN / Diamond wheels

Machines - Berger Grupe, Regional Manufacturers

Blade Material - Stainless Steel, High Carbon Steel

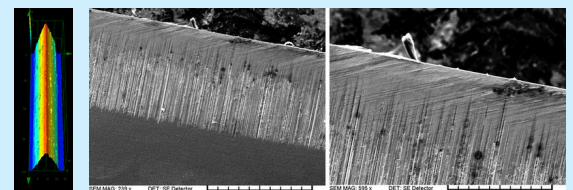
Facets - Blades used for shaving are multi-faceted (Two/ Three/ Five). Grinding is the final operation in achieving these facets for a smooth shaving experience.



Three Faceted Blade Edge



Two Faceted Blade Edge



Two Faceted Blade Edge under 1000x magnification before Honing

Wheel Details -

Roughing: Cylindrical - D=150mm, W=200mm

Semi-Finish: Disc / Spiral - D 150mm, W=150mm

Benefits :

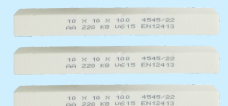
- Increased Productivity
- Better edge holding
- Free Cutting
- Consistent Tool life
- Faster delivery



Metal Bond Diamond
Wheel for Spiral Cutting



Resin Bond
Die Grinding Wheel



Dressing sticks



Dressers
(Natural / MCD)