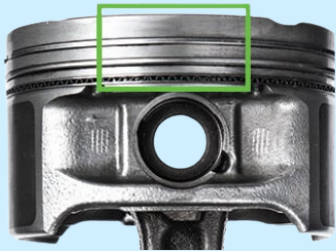
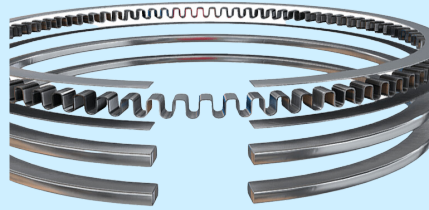


Solutions for Piston Ring Grinding

Solar Diamond offers precision cBN grinding wheels for Piston Ring grinding applications. These wheels are manufactured in State-of-the-Art facility as per customer Design.



Rings on Piston Head



Piston Rings

Grinding Machines



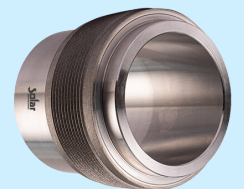
Application

Piston Rings are ground using precision cBN / Diamond wheels for:

- Snagging - Electroplated Diamond Wheel
- Gap Sizing - Electroplated / Resin cBN Wheel
- Profile Grinding - Diamond Roll
- Keystone Grinding - Dressers
- Thickness Grinding - Double Disc / Fine Grinding Wheel

Machines - Kataoka, Daisho Seiki, Micromatic Grinding, Cincinnati etc.

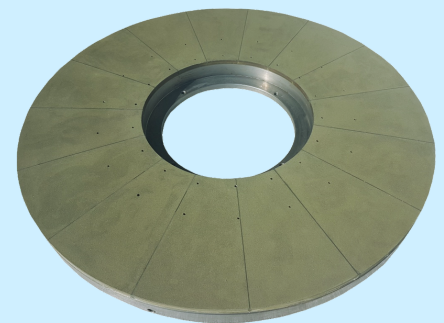
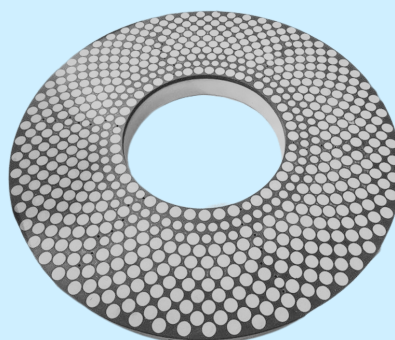
Ring Material - Cast Iron (GG25 / GGG50), Stainless Steel (X90CrMoV18) & Steel (54SiCr6) with different Coatings



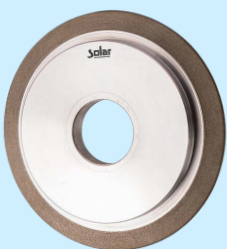
Diamond Roll

Benefits :

- Reduced cycle times
- Consistent surface finish quality
- Quick replating service
- Higher Tool Life
- Faster delivery



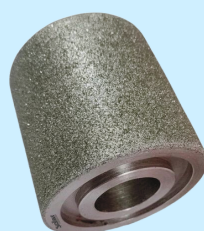
Double Disc & Fine Grinding cBN Wheels



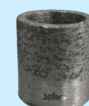
Resin Bond cBN
Gap Sizing Wheel



Electroplated cBN
Gap Sizing Wheel



Snagging Wheel



Keystone Grinding
Wheel Dresser



Dressing Rings