

Ball Wheel Dressing Block

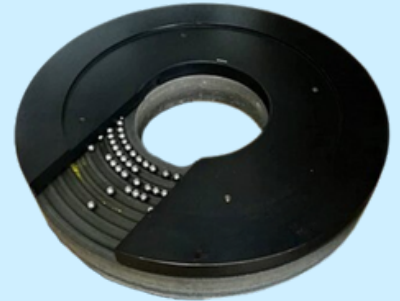
Solar Diamond offers High Quality Diamond Dressing Block for generating ball grinding grooves on ceramic abrasive grinding wheel. These dressers are manufactured in State-of-the-Art facility as per customer Design.



Bearing Ball



Bearing Ball Grinding Machine



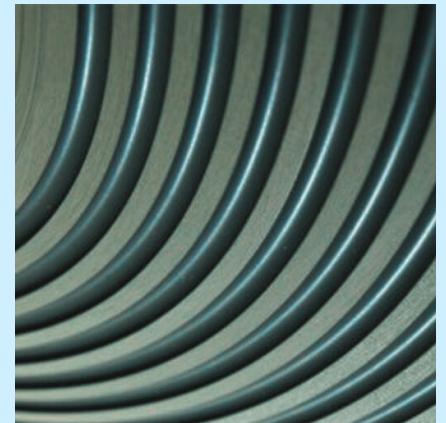
Ball Grinding Wheel

Application

Dressing of Rough & Finish-grinding Abrasive wheels used to grind bearing balls made of Chrome Steel, Stainless Steel, Carbon Steel, and many types to obtain roundness and surface finish.

Wheels are dressed by diamond blocks to guarantee the constant depth of the grooves. The diamond dressing device is applied across the wheel face while the machine is in operation.

The dressing infeed is designed to retain the depth of grooves formed by balls themselves, at a value of approximately $1/3$ of the diameter of the ball.



Grooves on the Abrasive Grinding Wheel after dressing

Machines - A3ML, XinXiang, RIFA

Ball Material - Chrome Steel, Stainless Steel, Carbon Steel

Wheel Type - Ceramic Abrasive (SiC / Al_2O_3)

Wheel Diameter range : Diameter: 400mm ~ 1100mm

Thickness: 30mm ~ 140mm

Grit Size : as per customer requirement

Benefits :

- Better Surface Finish Quality
- Consistent Tool life
- Faster delivery



Diamond Block Dresser