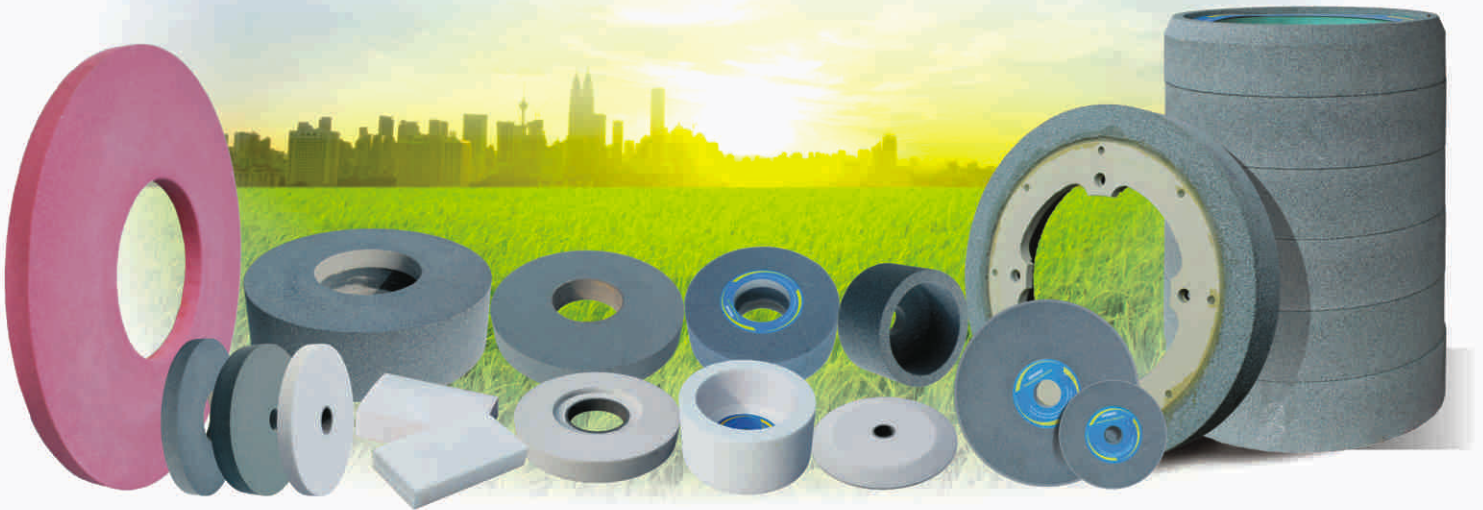




HINDUSTAN
Group of Industries

A new chapter in Grinding and Polishing



The USP of our company product **HIGH GRINDING RATIO** and **EXCELLENT FORM RETENTION** because of newly developed 21 century bond. this would lead of higher productivity through better MRR (material removal ratio)

BONDED ABRASIVES

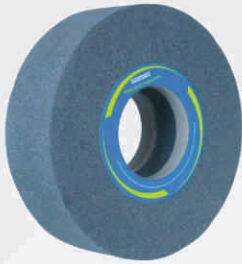
We offer high quality bonded abrasives that are known for their consistent quality and superior cutting, grinding and polishing action, These abrasives are made of fine abrasive grain held together in a matrix of glass, resin or other binders. They can be pressed or moulded Into a wide variety of products such as grinding wheels, honing stones and plugs. Our range of Bonded Abrasives come in different shapes and sizes and are made from different abrasive grains depending on specific application requirements.

HINDUSTAN
ABRASIVES

40, Gujranwala Town, Part-2, New Delhi-110 009 (INDIA)

Visit us at: www.hindustanabrasives.com Email: info@hindustanabrasives.com

Works: Sonapat-Haryana



Roll Grinding Wheels

Roll Grinding wheel are ones used for grinding big rolls of steel mills. It is a glorified form of cylindrical grinding in which the roll is held between Centres and the wheel traverses across thereby grinding the rolls. Grinding wheels are used to remove dent marks, casting cracks and wear marks and bring rolls back to their proper geometry and finish. Critical parameters required are material removal rate, grinding ratio and finish.



Silicon Carbide Mining Wheels

They are made both by green Silicon and Black Silicon carbide grains. Generally used in Cutting Tool Industries for grinding shanks of drills, reamers, milling cutters, carbide tips. They are used for dry grinding application (without usage of coolant). Critical parameters required are stock removal, surface finish, less heat generation on the component and no burn mark. Green silicon Carbide grain are used for grinding carbides and non-ferrous metals for its properties like high hardness, outstanding heat resistance and durability.



Segments

They are used in surface grinding application to grind flat stock or flat surface. Typically a group of segment are loaded in to the chuck that moves the abrasive over the work piece, but some operation moves the work piece and keeps the segment stationary. Critical parameters required are surface finish without scratch and burn mark, stock removal and overall life.



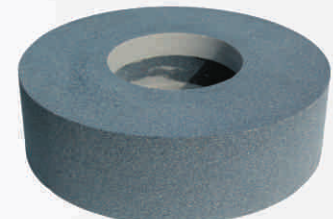
Cylindrical Wheels

We do have a wide range of Cylindrical grinding wheels. These wheels are used to get fastest production with fine surface finish. These wheels find wide application in the grinding of valves, plunger pins, eye bolts, transmission shafts, bearing races, crank shafts etc.



Thread Grinding Wheels

Thread grinding wheels are used in cutting tool industries to generate finer threads in the HSS taps. Critical parameters required are burn free components, excellent edge retention, lower dressing frequency, lower cycle time and better wheel life.



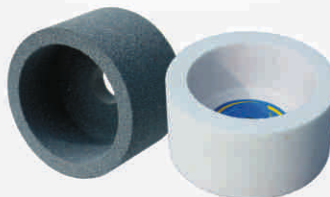
Centreless Wheels

Our Centreless Wheels are specially designed for use in applications like bearing, automotive and bar grinding of various materials. These Centreless wheels are specially designed for through feed, In-feed and End-feed grinding.



Tool Room Grinding Wheels

They are generally made by white and pink Aluminium oxide grains and are ideal for grinding heat sensitive metals as well as cast iron alloy. These grinding wheels are perfect for moderate to heavy in feed rates, rapid stock removal and precise contouring. It is generally used for dry grinding applications (without use of coolant)



Cup Wheel

Cup wheels are used in tool and cutter grinders where having an additional radial grinding surface is beneficial. A very shallow cup style grinding in slots and crevices is used primarily in cutter grinding and jig grinding. Critical parameters required are fast cut rate, smooth vibration free running and better life.



Rice Whitening Abrasive Rollers

Today we are pioneers in making of rice polishing wheels and for this purpose we make the wheels with specific combination of conical grains. We are specialized in rice polishing wheels for all types of Satake and Buhler mills.