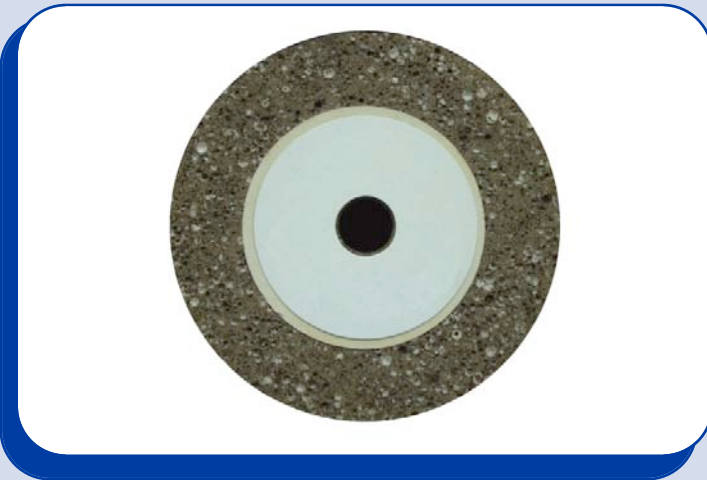


Resin Bonded Grinding Wheels



Features & Benefits

- Efficient & safe way to grind softer rubber. Commonly used in the offset roller business
- Wheels available for both soft & hard compounds

Grinding of rubber is a difficult application, due to the build up of rubber on the face of the grinding wheel. The friction then generated by the rubber-on-rubber contact, as the wheel cuts, combined with the poor thermal conductivity of rubber, leads to excessive heat generation.

This, in turn, leads to wheel cracking and breakage. This problem manifests itself most acutely when vitrified wheels are used to grind soft rubbers. For this reason, the abrasive industry has often been hesitant to supply vitrified grinding wheels for this application.

Much depends on the hardness of the rubber to be ground. In general, the harder the rubber to be ground, the easier it is. So, for example an ebonite can be ground relatively easily with a conventionally structured vitrified wheel. For other harder rubbers, e.g. 80-90 Shore A a soft resin-bonded wheel can be used. Rollertech recommended wheel grading: C46-K7-B.

However, the very soft rubbers commonly used in the offset-printing industry present the greatest difficulty. These materials are inherently tacky and extremely elastic, leading them to clog the face of a grinding wheel very rapidly, in turn, leading to excessive heat generation and all the problems associated with it. Typical materials of this type include, EPDM, Chloroprene (Neoprene™), Chlorosulfonated polyethylene rubber (Hypalon™), Polyurethane rubber, etc. Resin-bonded bubble alumina wheel. The very high porosity of this wheel type allows the wheel to continue cutting, without clogging the face. The porosity also allows heat dissipation, reducing the incidence of cracking and breakage. Rollertech recommend the following specifications for grinding this type of soft rubbers: Roughing: WBA24-K-BB Finishing: WBA46-K-BB.

Diamond Wheel Dresser



Features & Benefits

- Ensure your grinding wheel investment is sharp
- Extends life of grinding wheel
- Very hard, single point disposable 1 carat diamond
- Shank is plain steel 1/2" wide and 4" long

Order form

Date _____

Customer Order Number _____

Please Fax your order to 01484 600570

Resin Bonded Grinding Wheels and Diamond Wheel Dresser

Company: _____

Contact Name: _____

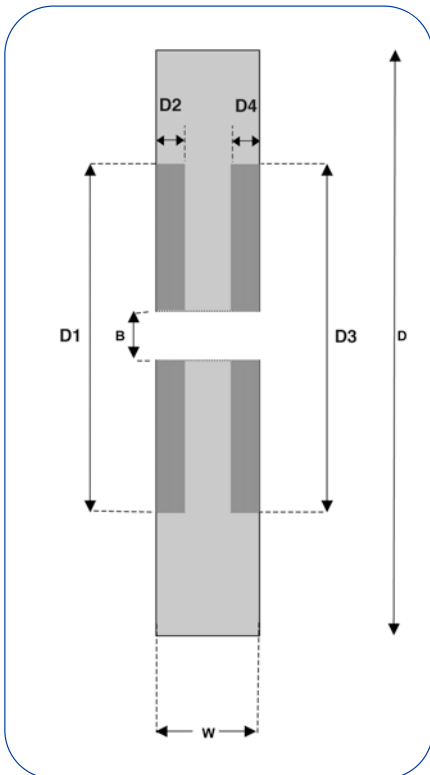
Address: _____

Postcode: _____ Country: _____

Tel: _____ Fax: _____ Email: _____

PRODUCT CODE	DESCRIPTION	PACK SIZE	QUANTITIES	QUANTITY REQUIRED
C270	Single Point 1 carat Diamond Wheel Dresser. Shank 12.7 x 100mm	1	1	
C271	Single Point 1 carat Diamond Wheel Dresser. Shank 12.7 x 100mm	1	2 & over	

Resin Bonded Grinding Wheel



Wheel Dimension

D, Diameter _____ mm

W, Width _____ mm

B, Bore _____ mm

Recess Specification

Wheel recesses? yes/ no

Recess 1 D1 _____ mm Overall Diameter

D2 _____ mm Overall Depth

Recess 2 D3 _____ mm Overall Diameter

D4 _____ mm Overall Depth

Customers Special Instructions