

# Grinding Techniques (Pty) Ltd.

ON THE CUTTING EDGE OF TECHNOLOGY



  
ISO 9001:2000





Founded in 1981, Grinding Techniques (Pty) Ltd. is the largest privately owned abrasive manufacturer in Africa, operating under the principal business ethos of developing mutually beneficial business partnerships with our valued customers.



A wide spectrum of quality Bonded Abrasives are manufactured to ISO 9001:2000 standards; the company also converts Coated Abrasives, and markets Tungsten Carbide Burrs, diamond products and other ancillary items. In addition, Grinding Techniques (Pty) Ltd. is the Southern African agent for Tyrolit abrasives. The company distributes through a network of branches in South Africa, and exports extremely successfully on a worldwide basis.



Grinding Techniques (Pty) Ltd. is an equal opportunity employer, committed to environmental protection and constant product improvement through ongoing research.



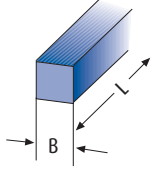
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## SPECIFICATIONS

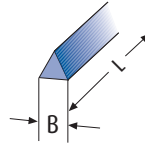
### ABRASIVE OILSTONES & CARBOTOOLS

#### Shape A - Square



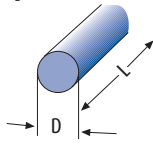
WIDTH	LENGTH
6	100
8	100
10	100
13	150
20	150

#### Shape C - Triangular



WIDTH	LENGTH
6	100
8	100
10	100
13	150
20	150

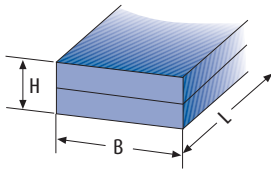
#### Shape D - Round



WIDTH	LENGTH
6	100
8	100
10	100

Aluminium Oxide Oilstones are available in fine or medium grits.  
Silicon Carbide Carbotoools are available in fine grit only.

### RECTANGULAR COMBINATION OILSTONES

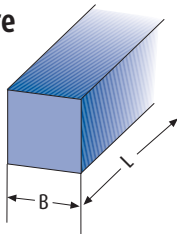


WIDTH	HEIGHT	LENGTH
50	25	150
50	25	200

Combination Oilstones are a combination of both fine and medium grits.

### ABRASIVE RUBBING BRICKS

#### Shape A - Square



Rubbing Bricks are available in:  
6C16 M5V11 (Extra coarse)  
6C24 M5V11 (Coarse)  
6C46 L5V11 (Medium)  
6C60 L5V11 (Fine)  
6C80 L5V11 (Extra fine)

WIDTH	LENGTH
50	100
50	200

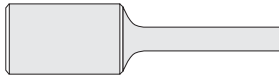
### ABRASIVE GRAIN

Available per Kg or in 50Kg sacks.

Abrasive Type	Grain Size
Brown aluminium oxide	10 to 220
White aluminium oxide	12 to 500
Special aluminium oxide, ruby and pink	12 to 320
Silicon carbide - green	10 to 1000
Silicon carbide - black	10 to 1000

### SPECIFICATIONS

#### GRINDING WHEEL MANDRELS

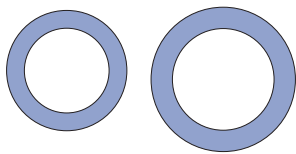


3/8" x 6mm spindle

#### APPLICATION

Offhand Grinding - used with 9.53mm bore Resin Bonded Wheels

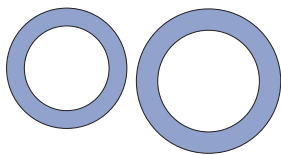
#### REDUCING BUSHES FOR GRINDING WHEELS



#### SIZE

31,75 - 12,70mm
31,75 - 15,88mm
31,75 - 19,05mm
31,75 - 20,00mm
31,75 - 22,23mm
31,75 - 25,40mm
31,75 - 28,60mm
31,75 - 30,00mm
31,75 - 31,75mm
31,75 - 34,00mm
31,75 - 38,10mm
31,75 - 41,28mm
31,75 - 44,45mm

#### REDUCING BUSHES FOR CUT OFF WHEELS



#### SIZE

22,23 - 16,00mm
22,23 - 19,05mm
22,23 - 20,00mm
40,00 - 22,23mm
40,00 - 25,40mm
40,00 - 31,75mm

All dimensions in millimetres.

The specifications in this catalogue are recommendations only. For further information or special application specifications, please contact Grinding Techniques Technical Department (011) 271 6400 or email: [info@grindtech.com](mailto:info@grindtech.com)