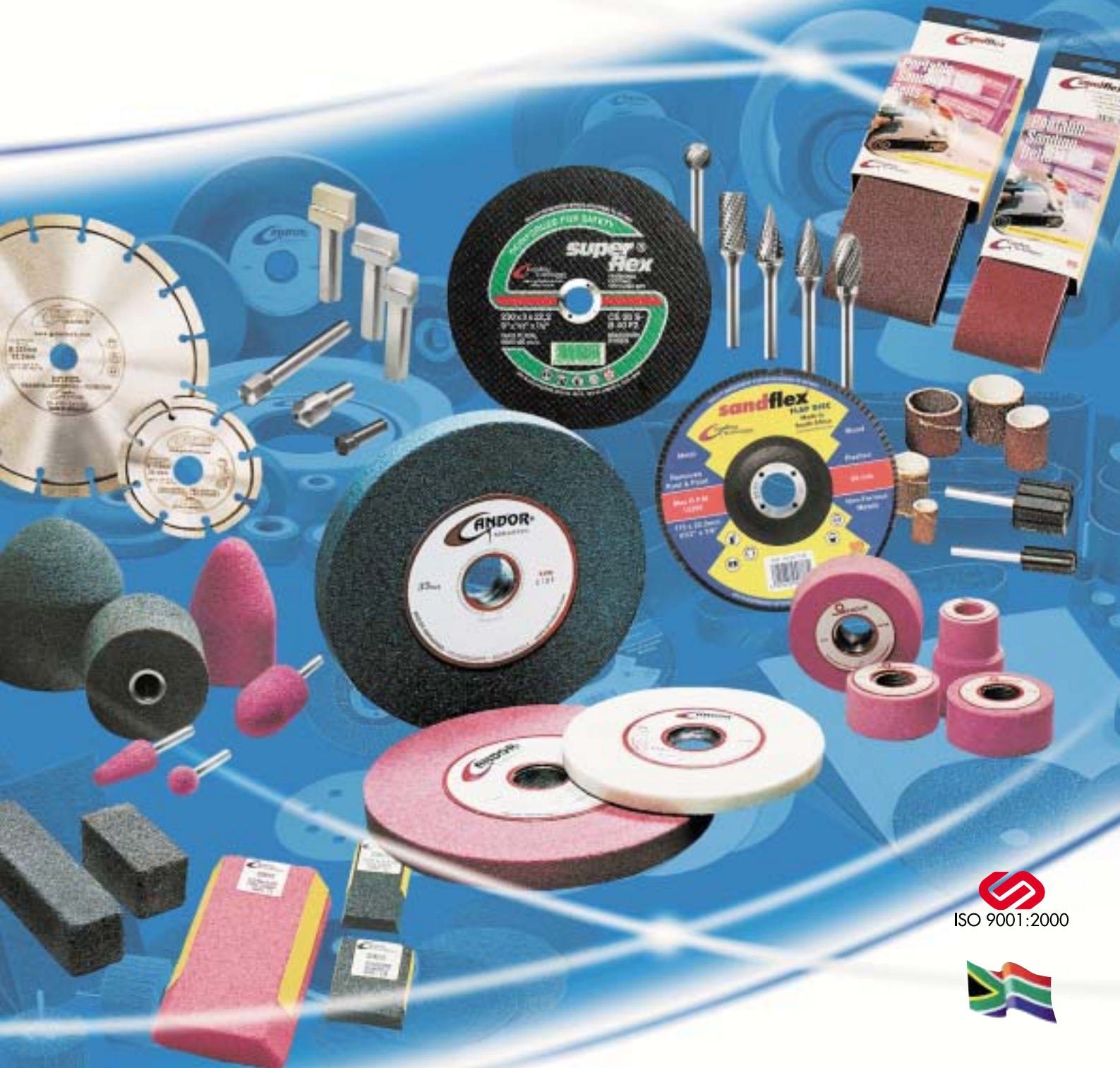


# Grinding Techniques (Pty) Ltd.

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.



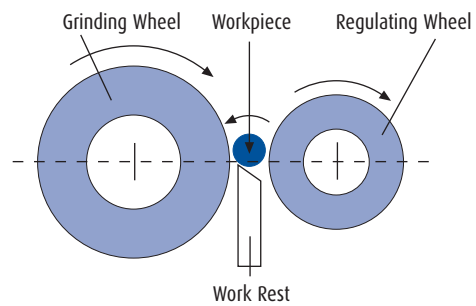
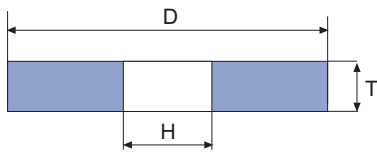
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### SPECIFICATIONS

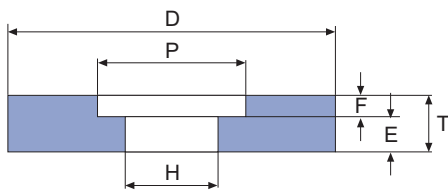
#### SHAPE 1



**ORDERING DATA:**

Diameter (D) x Thickness (T) x Height (H) - Shape 1

#### SHAPE 5 Recessed one side

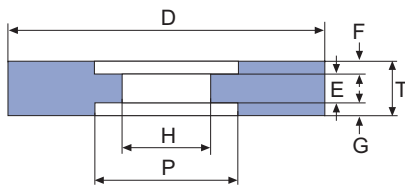


D	T				H	P	F	G
300	25	40	63	100	125			
400	25	40	63	100	125	160	200	250
500	40	63	100	125	160	200	250	
600	100	125	160	200	250	315	400	
750	100	125	160	200	250	315	400	

**ORDERING DATA:**

Diameter (D) x Thickness (T) x Height (H) - P x F  
- Shape 5

#### SHAPE 7 Recessed both sides



D	T				H	P	F	G	
200	25	40	63	100	125				
250	25	40	63	100	125	160	200	250	
300	40	63	100	125	160	200	250		
350	100	125	160	200	250	315	400	127	190
								203,2	270

**ORDERING DATA:**

Diameter (D) x Thickness (T) x Height (H) - P x F/6  
- Shape 7

1) The recess depths F and G should be selected as per width T, whereby dimension E should not be appreciably less than 1/2 T

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)

## APPLICATION TABLE

FIELD OF APPLICATION			SPECIFICATIONS		
Grinding wheels			up to ø450	ø500 and above	
<b>Universal Use</b>	<b>Steel</b>	Soft	15A60 L5V86 15A60 M5V86	15A54 L6V86 15A60 L5V86	
		Hardened	15A60 K5V86	15A54 K6V86	
<b>Specific Use</b>	<b>Steel</b>	Soft	15A60 L5V86 11A60 K5V86 8C60 L5V11 15A80 L5V86	15A46 M5V86 8C54 L8V11 1A54 L8V86	
		Hardened to 63Rc	15A60 J7V86 15A60 K5V86	15A54 K6V86 15A60 L5V86	
		Hardened over 63Rc	15A60 J7V86 15A80 I8V86	15A60 I8V86 15A60 J7V86	
		Stainless, acid and heat resistant	- Soft	8C60 K5V1 8C80 K5V1	8C46 L5V11 8C60 K5V1
			- Hardened	15A60 L5V86 11C60 K5V1	15A54 K5V86 8C60 K5V1
		Nitriding unprocessed	15A60 L5V86	15A60 L5V86	
		Nitride hardened (max. stock removal 0,04)	8C60 J5V1 8C80 J5V1	8C60 J5V1	
		Cast	15A60 L5V86 11A80 L5V86	15A54 L6V86	
		<b>Cast Iron</b>	Grey	8C60 M5V11 15A60 K5V86	8C46 M5V11 8C60 L5V1
			Spheroid	15A60 L5V86 15A80 L5V86	15A54 L6V86
		<b>Tungsten Carbide</b>		8C60 J6V1 8C80 J6V1 8C120 J6V1	
		<b>Aluminium and non-ferrous metals<sup>1)</sup>, plastics</b>		8C60 K8V1 8C60 J12V1P 8C80 J12V1P	8C60 K8V1 8C60 J12V1P 8C80 J12V1P
		<b>Rubber</b>		8C60 F12V1P	8C60 F12V1P
<b>Regulating Wheels</b>		Workpiece diameters 10mm and above	A80 S3VR A80 RR		

1) for aluminium, emulsion with minimum 10% grease content.