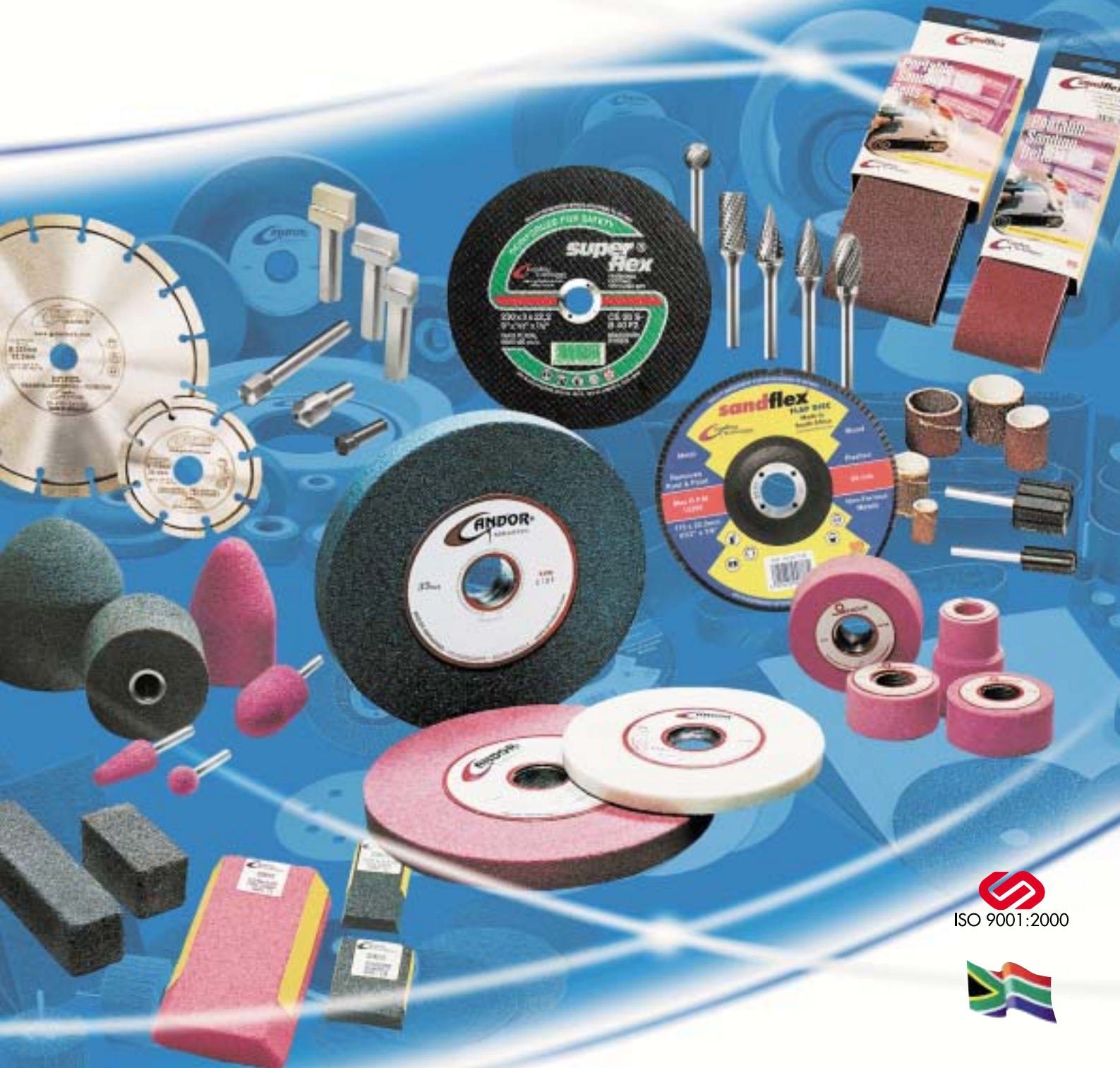


# Grinding Techniques (Pty) Ltd.

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.

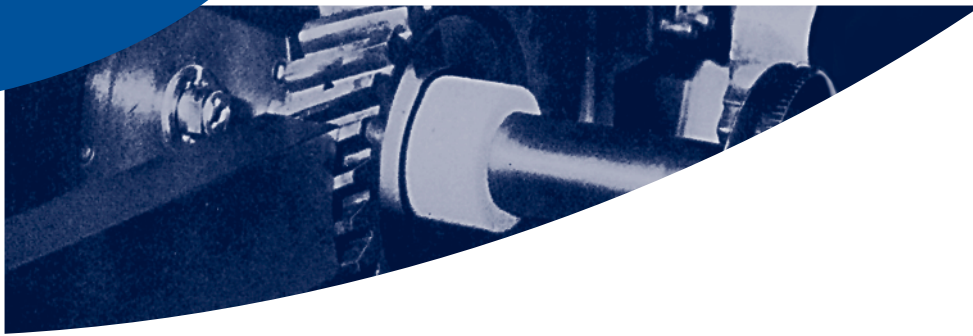


Grinding Techniques (Pty) Ltd. is an equal opportunity employer, committed to environmental protection and constant product improvement through ongoing research.



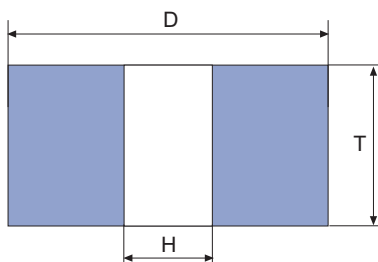
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### SPECIFICATIONS

#### SHAPE 1



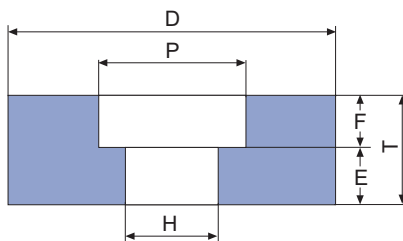
**ORDERING DATA:**

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

D	T	H
12	12	4
16	16	6,35
20	20	6/6,35
25	20	6
35	30	12
40	20	12,7
45	13	20
50	13	20
60	13	20

D	T	H
65	13	20
70	13	20
75	13	20
76	6	10
80	13	20
85	13	20
90	13	20
95	13	20
100	13	20

#### SHAPE 5 Recessed one side



**ORDERING DATA:**

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

D	T	H	P
16	20	6	10
18	25	8	12
20	20	6	12
23	25	8	13
25	20	6	14
25	25	6,35	13
28	25	8	14
32	32	10/12	16
40	40	9,53/10	20
40	40	12	20
45	40	9,53	20
45	40/50	15,88	23
50	40	10/12,7	20
50	50	12,7	20
55	50	22,23	32
60	50	20	32
65	65	20/25,4	32
70	50	22,23	40
80	50	22,23	40
80	50	25,4	45
90	50	22,23	40
100	50	31,75	24

Other sizes on application.

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			SPECIFICATION		
<b>Universal Use</b>	<b>Steel</b>	Soft	31A60 K6V86 31A80 K6V86	31A54 K6V86	
		Hardened	31A60 J6V86 31A80 J6V86	31A60 J6V86	
<b>Specific Use</b>	<b>Steel</b>	Soft	31A60 K6V86 31A80 K6V86 31A80 L6V86	31A46 J8V86 31A54 J8V86	
		Hardened to 63 Rc	31A60 I8V86 31A60 J8V86 31A80 H8V86	31A46 J8V86 31A60 I8V86	
		Hardened over 63 Rc	31A60 H12V86P3 8C60 J8V1	31A60 H12V86P3 8C60 H8V86P 31A80 H8V86	
		Hard chrome plated	1A60 K6V86	1A60 K6V86	
		Stainless, acid and heat resistant - Soft	1A60 J6V86	1A60 J6V86	
			- Hardened	31A80 I8V86 8C60 J8V1	31A60 I6V86 8C60 J8V1
		Nitriding unprocessed	1A60 K6V86	1A60 K6V86	
		Nitride hardened	8C60 J8V1 8C80 I8V1	8C60 J8V1	
		Cast	15A60 K6V86	15A46 K6V86	
		<b>Cast Iron</b>	Grey	31A60 J6V86	31A60 J6V86
			Spheroid	8C60 K8V1	8C60 K8V1
<b>Tungsten Carbide</b>		8C60 I8V1	8C60 I8V1		
<b>Aluminium and non-ferrous metals, plastics</b>		8C60 I8V11	8C60 I8V1		