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# SUPERIOR QUALITY CUTTING & ANGLE GRINDING WHEELS



**super**<sup>®</sup>  
**flex**

THE INTELLIGENT CHOICE



# SPECIFICATION CHART

## CUTTING WHEELS FOR PORTABLE MACHINES

### STONE CUTTING

#### STANDARD

**Specification:** CS30S B40 F2

**Applications:** Cutting masonry, stone, concrete, ceramics, marble, granite, and non-ferrous metals.



DIA.	THICKNESS	HOLE SIZE	SHAPE AVAILABILITY		BOX QTY	MAX SPEED	
			41	42		M/Sec	RPM
100	2,5	16,0	•	•	25	80	15280
115	3,0	22,2	•	•	25	80	13280
125	3,0	22,2	•	•	25	80	12280
150	3,0	22,2	•	•	25	80	10190
180	3,0	22,2	•	•	25	80	8600
230	3,0	22,2	•	•	25	80	6600

SHAPE 41

SHAPE 42

### STEEL CUTTING

#### STANDARD

**Specification:** AS30S B27 F2

**Applications:** DIY and light duty cutting applications on metal, mild steel and construction steel.



DIA.	THICKNESS	HOLE SIZE	SHAPE AVAILABILITY		BOX QTY	MAX SPEED	
			41	42		M/Sec	RPM
100	2,5	16,0	•	•	25	80	15280
115	3,0	22,2	•	•	25	80	13280
125	3,0	22,2	•	•	25	80	12280
150	3,0	22,2	•	•	25	80	10190
180	3,0	22,2	•	•	25	80	8600
230	3,0	22,2	•	•	25	80	6600

SHAPE 41

SHAPE 42

### STEEL CUTTING

#### PROFESSIONAL

**Specifications:** A46T5 BF - 76mm  
AS30S B26 - all other diameters

**Applications:** Heavy duty cutting applications on metal, mild steels, construction steels, carbon and hardened steels, cutting off risers in foundry applications, etc.



DIA.	THICKNESS	HOLE SIZE	SHAPE AVAILABILITY		BOX QTY	MAX SPEED	
			41	42		M/Sec	RPM
76	2,0	8,0	•	•	100	80	20000
100	2,5	16,0	•	•	25	80	15280
115	2,5	22,2	•	•	25	80	13280
125	2,5	22,2	•	•	25	80	12280
180	3,0	22,2	•	•	25	80	8600
230	3,0	22,2	•	•	25	80	6600

SHAPE 41

SHAPE 42

### STAINLESS STEEL CUTTING

#### PROFESSIONAL

**Specification:** AS24S B5

**Applications:** Cutting stainless and heat sensitive steels.



DIA.	THICKNESS	HOLE SIZE	SHAPE AVAILABILITY		BOX QTY	MAX SPEED	
			41	42		M/Sec	RPM
100	2,5	16,0	•	•	25	80	15280
115	2,5	22,2	•	•	25	80	13280
125	2,5	22,2	•	•	25	80	12280
180	3,0	22,2	•	•	25	80	8600
230	3,0	22,2	•	•	25	80	6600

SHAPE 41

SHAPE 42

## CUTTING WHEELS FOR STATIONARY MACHINES

### STEEL & METAL CUTTING

**Specifications:** For light duty machines - 2kW or less - 25.4mm bore size only: AS30R BF 2E.

For heavy duty industrial machines - 40mm bore size only: AS24 R BF and A30Q B55.



DIA.	THICKNESS	HOLE SIZE	SPECIFICATION	BOX QTY	MAX SPEED	
					M/Sec	RPM
300	2,8	25,4	AS30R BF 2E	10	80	4400
300	3,5	40,0	AS24 R BF	10	100	6400
350	3,0	25,4	AS30R BF 2E	10	80	4100
350	3,5	40,0	AS24 R BF	10	100	5500
400	3,2	25,4	AS30R BF 2E	10	80	3800
400	4,0	40,0	A30Q B55	10	100	4750

SHAPE 41

### STONE CUTTING

**Specification:** CS24R BF 50

**Applications:** Cutting masonry, stone, concrete, ceramics, marble, granite and non-ferrous metals.



DIA.	THICKNESS	HOLE SIZE	SPECIFICATION	BOX QTY	MAX SPEED	
					M/Sec	RPM
300	3	25,4	CS24R BF 50	10	100	6400
300	3	40,0	CS24R BF 50	10	100	6400
350	3	25,4	CS24R BF 50	10	100	5500
350	3	40,0	CS24R BF 50	10	100	5500
400	3	25,4	CS24R BF 50	10	100	4750
400	3	40,0	CS24R BF 50	10	100	4750

SHAPE 41

# SPECIFICATION CHART

**Super flex**  
**ANGLE GRINDING WHEELS**

## ANGLE GRINDING WHEELS

### STONE GRINDING

#### STANDARD

**Specifications:** CS24T (CS30S B40 F2)

**Applications:** Grinding masonry, stone, concrete, ceramics and non-ferrous metals; also used on cast iron.



SHAPE 27



DIA.	THICKNESS	HOLE SIZE	BOX QTY	MAXIMUM SPEED M/Sec	RPM
100	4,5	16,0	20	80	15280
100	6,5	16,0	20	80	15280
115	6,4	22,2	10	80	13280
180	4,5	22,2	20	80	8600
180	6,0	22,2	10	80	8600
180	8,0	22,2	10	80	8600
230	4,5	22,2	20	80	6600
230	6,0	22,2	10	80	6600
230	8,0	22,2	10	80	6600

### STEEL GRINDING

#### STANDARD

**Specification:** AS24/30T BF 28

**Applications:** DIY and general light duty grinding applications on metal and mild steels.



SHAPE 27



DIA.	THICKNESS	HOLE SIZE	BOX QTY	MAXIMUM SPEED M/Sec	RPM
100	4,5	16,0	20	80	15280
100	6,5	16,0	20	80	15280
115	4,5	22,2	20	80	13280
115	6,5	22,2	10	80	13280
125	4,5	22,2	20	80	12280
125	6,5	22,2	10	80	12280
180	4,5	22,2	20	80	8600
180	6,5	22,2	10	80	8600
230	4,5	22,2	20	80	6600
230	6,5	22,2	10	80	6600
230	10,0	22,2	10	80	6600

### STEEL GRINDING

#### PROFESSIONAL

**Specification:** AS30R BF 32

**Applications:** Grinding all metal products, heavy duty grinding on construction steels, carbon steels, manganese and other castings.



SHAPE 27



DIA.	THICKNESS	HOLE SIZE	BOX QTY	MAXIMUM SPEED M/Sec	RPM
100	4,5	16,0	20	80	15280
100	6,0	16,0	20	80	15280
115	4,5	22,2	20	80	13280
115	6,0	22,2	10	80	13280
125	4,5	22,2	20	80	12280
125	6,0	22,2	10	80	12280
180	7,0	22,2	10	80	8600
180	8,0	22,2	10	80	8600
230	7,0	22,2	10	80	6600
230	8,0	22,2	10	80	6600

### STAINLESS STEEL GRINDING

#### PROFESSIONAL

**Specification:** AS24 REACTOR BF 42

**Applications:** Grinding stainless and heat sensitive steels.



SHAPE 27



DIA.	THICKNESS	HOLE SIZE	BOX QTY	MAXIMUM SPEED M/Sec	RPM
100	4,5	16,0	20	80	15280
100	6,0	16,0	20	80	15280
115	4,5	22,2	20	80	13280
115	6,0	22,2	10	80	13280
125	4,5	22,2	20	80	12280
125	6,0	22,2	10	80	12280
180	7,0	22,2	10	80	8600
230	4,5	22,2	20	80	6600

All thickness dimensions are nominal sizes only.

The above products are normally held in stock. Other sizes and specialised cutting & grinding wheels available on request.

# **super<sup>®</sup> flex**

THE INTELLIGENT CHOICE

SuperFlex cutting and angle grinding wheels manufactured by Grinding Techniques (Pty) Ltd. continue the company tradition of providing the best possible quality product at the most competitive price; coupled with excellent service, this results in an overall package designed for complete customer satisfaction.

Some of the reasons that craftsmen and informed people who understand and appreciate quality and value for money insist on Superflex are:

## **TOP CLASS MANUFACTURING EQUIPMENT AND METHODS**

employed by Grinding Techniques result in consistent product quality.

## **HIGH QUALITY RAW MATERIALS USED IN PRODUCTION**

give the user increased productivity from a fast working product which lasts longer.

## **MULTI-LAYER PRODUCT REINFORCEMENT**

ensures total operator safety under all normal working conditions.

## **TASK SPECIFIC PRODUCT SPECIFICATIONS**

enable the customer to select the correct product for his specific application, whether it be for use on mild steel, carbon or hardened steels, stainless steel, non-ferrous metals, masonry, stone, concrete, ceramics, marble, granite, or other materials.

## **LOCAL MANUFACTURE AND STOCKHOLDING**

provides continuity of supply of a wide range of guaranteed products, plus an efficient backup service.

## **COMPETITIVE PRICING**

across the entire range of products, coupled with product performance, results in excellent value for money.

## **ONGOING RESEARCH AND DEVELOPMENT**

ensures that our customers will always benefit from product improvements resulting from the latest developments.

## **GRINDING TECHNIQUES' ATTITUDE**

is one totally geared towards providing customer satisfaction, and building mutually beneficial business partnerships with our valued customers.



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