

CUTTING AND GRINDING DISKS

DUCTIFLEX

A grinding range for standard structural steel.

Characteristics:

- ♦ Steel surface cleaning, deburring, angle and corner dressing.
- ♦ Very good balance between performance and price, long life product.

Dimensions	Shape	Use	Specification	Unit / box	To order
115 x 6 x 22 mm	Depressed	Standard steel	A 30 S7 BF	10	W000261945
125 x 6 x 22 mm	Depressed	Standard steel	A 30 S7 BF	10	W000261946
180 x 6 x 22 mm	Depressed	Standard steel	A 30 S7 BF	10	W000261947
230 x 6 x 22 mm	Depressed	Standard steel	A 30 S7 BF	10	W000261948



Explanation of the specifications

XXX	XX	X	XX	XX
Abrasive type	Grit size	Hardness	Structure	Bond

Abrasive type

A: Regular Aluminium oxide. For plain and low alloyed steel, cast steel and chilled cast iron
 61A: Mixed Aluminium oxide. For grinding stainless steel and acid resisting steel

Grit size

16	20	22	24	30	36	40	46	54	60	70	80	90	100	120	150
Coarse				Medium						Fine					

Coarse for works without special precision, to fine for smoother surface

Hardness grade

E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Very soft			Soft			Medium					Hard			

Soft grade are dedicated to hard materials, hard grade to softer materials

Structure

3	4	5	6	7	8	9	10	11	12	13
Closed		Medium				Open		Very open		

Ratio between grain, bond and pore. The softer the material is the more open structure is recommended

Bond

V	B	BF
Vitrified bonded	Resinoid bonded	Glass fibre

Resinoid bond are more flexible, for dynamic and forceful use than vitrified bond Glass fibre increase the resistance specialty for heavy usage

DUCTIFLAP

Abrasive flap disks.

These disks are made by cutting abrasive fabrics, then cutting as flaps and bonding them on a fiberglass or nylon backing plate by an adhesive.

Our DUCTIFLAP disks are based on Zirconia Alumina, specially designed for steel, alloyed steel, non ferrous material; cast iron, wood and plastic. We use conical disks because it is possible to use them for curve surfaces, for edge grinding as well as lubricious or primed surfaces.

The grits are either 40, 60 or 80.

The higher the grit is, the more precise the result is.

The types are 115 x 22 mm and 125 x 22 mm.

Bonding material: synthetic resin bonding phenolic resins.

Backing plate: fiberglass or nylon (plastic).

Filler: kryolits, calcide.

Shape: flat or conical 15%.

Dimensions	Grit	Unit/box	Shape	
			15 % conical for fiberglass backing	Flat for nylon backing
115 x 22 mm	40	10	W000264532	W000273754
	60	10	W000264533	W000273759
	80	10	W000335007	W000273758
125 x 22 mm	40	10	W000264535	W000273757
	60	10	W000264534	W000273756
	80	10	W000335008	W000273755



Personal protection: protect your eyes and ears, wear a dust mask, safety gloves, (safety shoes & leather apron are recommended).

Storage: in dry and well ventilated areas.

Temperature between 18 and 22 °C, relative humidity between 45 and 60%.

The speed of the machine must never exceed the maximum operating speed of the disk: 80 m/s.