

 **EUROBOOR**  
FOR PROFESSIONALS BY PROFESSIONALS



**BURRS AND  
MACHINES**



# DIE GRINDING MACHINES

Exceptionally powerful for demanding use

- Maximum Control & Power
- Ergonomic
- VibraTec for perfect balance

At Euroboor we develop all of our machines whilst constantly keeping the professional users in mind. Our grinding machines are the perfect combination of high quality materials and creating excellent results. Euroboor die grinders are the number one choice for grinding, polishing, deburring and smoothing sharp edges. They are especially engineered to give you maximum control and the power you need to get the job done fast and safely.

Euroboor offers you both electric and air pressured grinding machines which brings you great results under all circumstances. We continuously improve our machines by making them lighter, more ergonomic and less vibrating. The Euroboor VibraTec technology makes sure that vibration is minimized, which contributes to smoother, high quality finishes!

We invite you to take a closer look at our product range and see what we can do for you.

## VibraTec Technology

Vibration limitation for easy operation, perfect balance and high quality finishes!

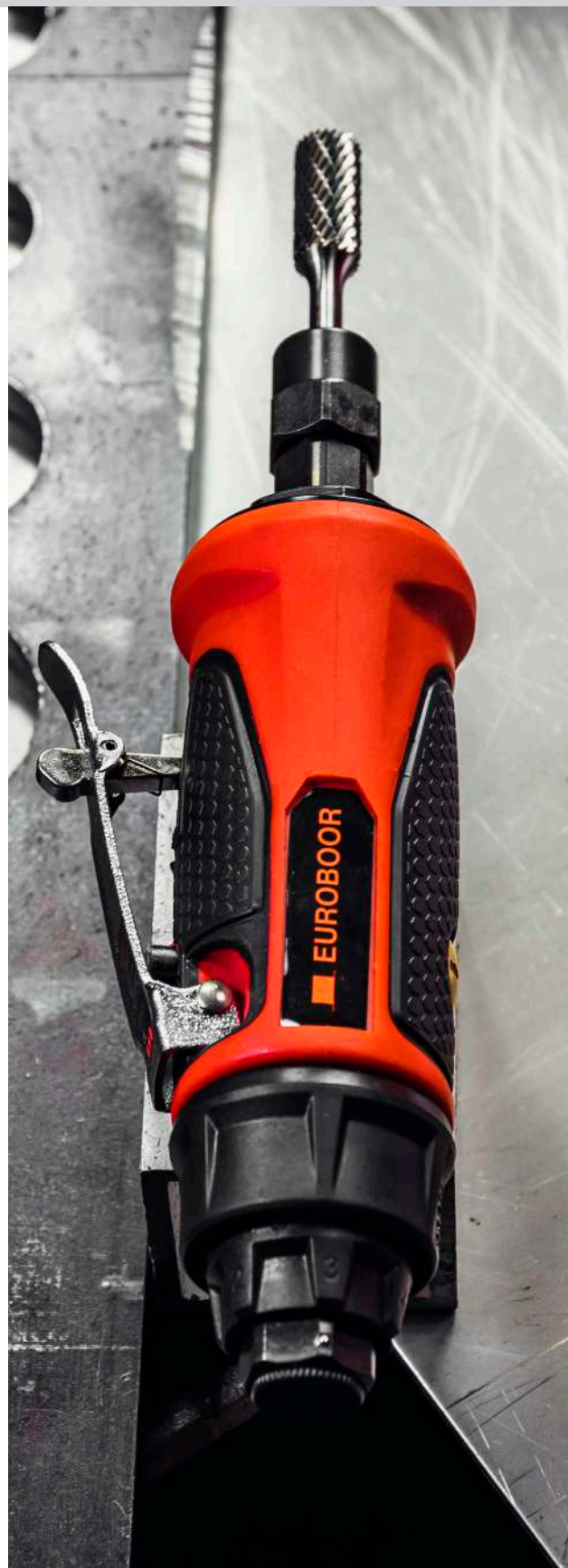
Other brand



Euroboor



Please refer to our VibraTec technology grinding machines to see what they could offer you!



# CARBIDE ROTARY BURRS

The best choice for you!



Why choose Euroboor carbide rotary burrs?  
**Simple: They are tough, hard to break and provide high stock removal!**



### **Samurai precision!**

Advanced Japanese heat treatment technology is applied on the Euroboor rotary burrs, improving the strength of the steel, creating sharper edges on the burr and give wear resistance.



### **HIGH stock removal & saves time!**

Thanks to the design and the characteristics of tungsten carbide, Euroboor rotary burrs provide high stock removal. This saves a lot of time and energy.



### **Silver welding**

The improved welding technology on the shank is making the burrs very strong and capable of handling high forces and high temperatures without breaking.



### **Lasts 50% longer!**

Due to the innovative surface treatment and the choice of materials, the Euroboor rotary burrs last 50% longer against conventional rotary burrs



### **Conical shaped shank**

The advanced conical shape of the shank divides the pressure over a larger area, making the burr even less likely to break under high forces.



### **High durability – Less waste**

All of our research, innovations and applied technologies brings you high quality rotary burrs that are suited for the toughest of jobs, without breaking or losing performance. This means no more waste of burrs and money. That makes Euroboor burrs the best choice for you!

# ROTARY BURRS

## OVERVIEW

Euroboor carbide rotary burrs are available in different cuts, models and sizes. Your choice depends on which material you have to work on and what finish you need.

Our burrs have an universal shank, but are best used combined with one of the Euroboor grinding machines.



**SINGLE CUT ROTARY BURRS**

**13 TYPES**  
For superior stock removal



**DOUBLE CUT ROTARY BURRS**

**13 TYPES**  
Work fast and precise



**DIAMOND CUT ROTARY BURRS**

**11  
TYPES**

Create smooth finishes

**Use with:**

Euroboor die grinders  
EDG.600,  
ADG.2A, ADG.2S,  
ADG.2E or  
other powerful die  
grinders

**Applications:**

- Cutting out holes
- Deburring
- Leveling
- Milling out
- Surfacing
- Smoothing welds
- Shaping

**Also suitable for:**

- Robot
- Flexible and  
straight shaft drive
- CNC machines



**ALU CUT ROTARY BURRS**

**10  
TYPES**

Use on  
non-ferrous  
materials

# CARBIDE BURRS & APPLICATIONS



## Single cut carbide burr

Single cut provides superior stock removal with long chips, and good surface finishes.

### Ideal for

Cast iron

Cast steel

Unhardened steels

Low alloy steels

Stainless steel

Brass

Bronze / Copper



## Double cut carbide burr

Double cut burrs allow fast stock removal. The finer toothing surface provides high stock removal with fine and short chips for high control and great surface finish.

### Ideal for

Cast iron

Cast steel

Unhardened steels

Low alloy steels

Stainless steel

Brass

Bronze / Copper

Our carbide burrs can be used on most hard materials, such as hardened and unhardened steel, aluminum and cast iron. The Euroboor carbide burrs are perfect for professionals as they will last

for a long time, under high loads or high temperatures, without breaking or chipping. Different cuts of carbide burrs are available with each cut having its own characteristics and capabilities.

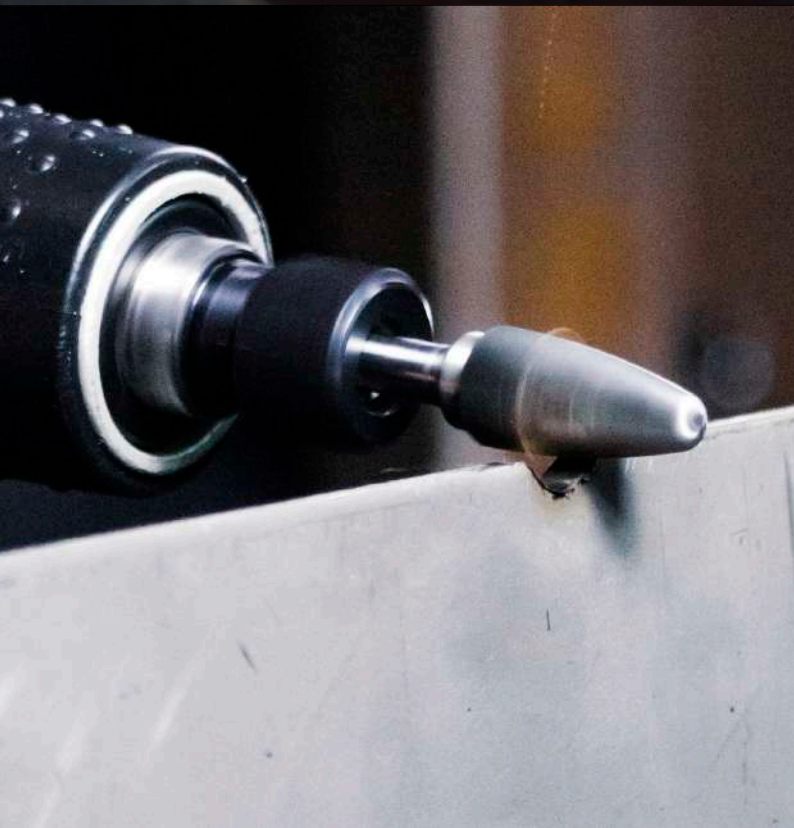


## Diamond cut carbide burr

This uniquely developed burr shape enhances the capacity of control and smooth processing on harder steel types. The extra fine tothing creates the best surface finish with extremely small chips, and high stock removal.

### Ideal for

- |                          |                            |
|--------------------------|----------------------------|
| <u>Cast iron</u>         | <u>Heat treated steels</u> |
| <u>Cast steel</u>        | <u>Stainless steel</u>     |
| <u>Unhardened steels</u> | <u>Titanium alloy</u>      |
| <u>Hardened steels</u>   | <u>Brass</u>               |
| <u>Low alloy steels</u>  | <u>Bronze / Copper</u>     |
| <u>High alloy steels</u> |                            |



## Alu cut carbide burr

They are especially designed to have a high stock removal on non-ferrous materials.

### Ideal for

- Plastics
- Aluminium
- Zinc alloy

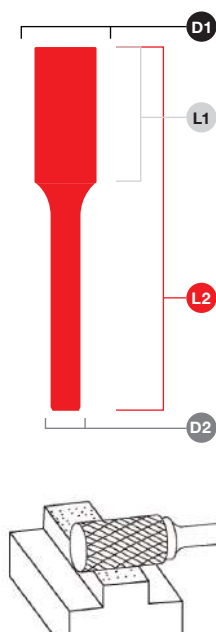
# CARBIDE ROTARY BURRS SPECIFICATION



	Cast iron	Cast steel	Unhardened steels	Hardened steels	Low alloy steels	High alloy steels	Heat treated steels	Stainless steel	Titanium alloy	Brass	Bronze / Copper	Plastics	Aluminium	Zinc alloy
Single cut	•	•	•		•			•		•	•			
Double cut	•	•	•		•			•		•	•			
Diamond cut	•	•	•	•	•	•	•	•	•	•	•			
Alu cut												•	•	•

## Type A

Without end cut



### Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.A0303
6	6	16	61	RBS.A0606
8	6	20	65	RBS.A0806
10	6	20	65	RBS.A1006
12	6	25	70	RBS.A1206
16	6	25	70	RBS.A1606

### Double cut

D1	D2	L1	L2	Code
3	3	13	38,5	RB.A0303
6	6	16	61	RB.A0606
8	6	20	65	RB.A0806
10	6	20	65	RB.A1006
10	6	20	185	RBDL.A1006
12	6	25	70	RB.A1206
12	6	25	175	RBDL.A1206
16	6	25	70	RB.A1606

### Diamond cut

D1	D2	L1	L2	Code
8	6	20	65	RBD.A0806
10	6	20	65	RBD.A1006
12	6	25	70	RBD.A1206
16	6	25	70	RBD.A1606

### Alu cut

D1	D2	L1	L2	Code
6	6	16	61	RBA.A0606
10	6	20	65	RBA.A1006
12	6	25	70	RBA.A1206
16	6	25	70	RBA.A1606

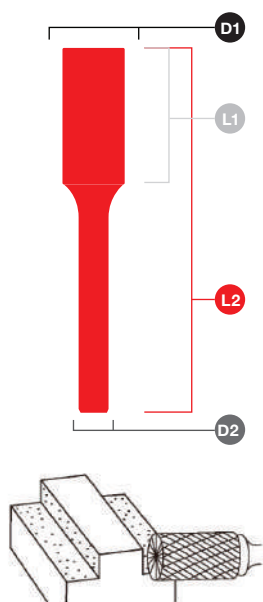


Our carbide rotary burrs are available in different cuts, models and sizes. All with their own characteristics and capabilities. Due to our innovative shape and welding technique, the burrs have high durability and due to advanced heat treatments the

carbide rotary burrs are long lasting and capable of high stock removal with fine grains. This makes the Euroboor carbide burrs perfectly suitable for all kind of situations.

## Type B

Without end cut



### Single cut

D1	D2	L1	L2	Code
3	3	16	38,5	RBS.B0303
6	6	13	61	RBS.B0606
8	6	20	65	RBS.B0806
10	6	20	65	RBS.B1006
12	6	25	70	RBS.B1206
16	6	25	70	RBS.B1606

### Diamond cut

D1	D2	L1	L2	Code
8	6	20	65	RBD.B0806
10	6	20	65	RBD.B1006
12	6	25	70	RBD.B1206
16	6	25	70	RBD.B1606

### Double cut

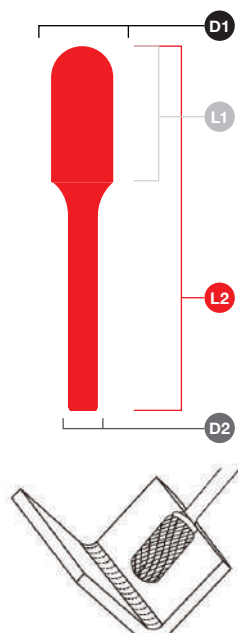
D1	D2	L1	L2	Code
3	3	16	38,5	RB.B0303
6	6	13	61	RB.B0606
8	6	20	65	RB.B0806
10	6	20	65	RB.B1006
10	6	20	170	RBDL.B1006
12	6	25	70	RB.B1206
12	6	25	175	RBDL.B1206
16	6	25	70	RB.B1606

### Alu cut

D1	D2	L1	L2	Code
6	6	13	61	RBA.B0606
10	6	20	65	RBA.B1006
12	6	25	70	RBA.B1206

## Type C

Ball nose cylinder



### Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.C0303
6	6	16	61	RBS.C0606
8	6	20	65	RBS.C0806
9,5	6	20	65	RBS.C1006
12	6	25	70	RBS.C1206
16	6	25	70	RBS.C1606

### Diamond cut

D1	D2	L1	L2	Code
8	6	20	65	RBD.C0806
9,5	6	20	65	RBD.C1006
12	6	25	70	RBD.C1206
16	6	25	70	RBD.C1606

### Double cut

D1	D2	L1	L2	Code
3	3	13	38,5	RB.C0303
6	6	16	61	RB.C0606
8	6	20	65	RB.C0806
10	6	20	65	RB.C1006
10	6	20	170	RBDL.C1006
12	6	25	70	RB.C1206
12	6	25	175	RBDL.C1206
16	6	25	70	RB.C1606

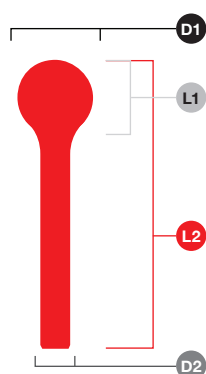
### Alu cut

D1	D2	L1	L2	Code
6	6	16	61	RBA.C0606
10	6	20	65	RBA.C1006
12	6	25	70	RBA.C1206
16	6	25	70	RBA.C1606

# CARBIDE ROTARY BURRS SPECIFICATION

## Type D

Ball



### Single cut

D1	D2	L1	L2	Code
3	3	2,7	38,5	RBS.D0303
6	6	5,4	50	RBS.D0606
8	6	7,2	52	RBS.D0806
10	6	9	54	RBS.D1006
12	6	10,8	55	RBS.D1206
16	6	14,4	59	RBS.D1606

### Double cut

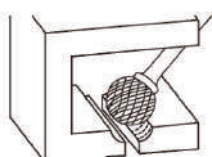
D1	D2	L1	L2	Code
3	3	2,7	38,5	RB.D0303
6	6	5,4	50	RB.D0606
8	6	7,2	52	RB.D0806
10	6	9	54	RB.D1006
10	6	9	159	RBDL.D1006
12	6	10,8	55	RB.D1206
12	6	10,8	161	RBDL.D1206
16	6	14,4	59	RB.D1606

### Diamond cut

D1	D2	L1	L2	Code
8	6	7,2	52	RBD.D0806
10	6	9	54	RBD.D1006
12	6	10,8	55	RBD.D1206
16	6	14,4	59	RBD.D1606

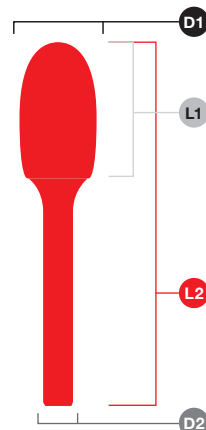
### Alu cut

D1	D2	L1	L2	Code
6	6	5,4	50	RBA.D0606
10	6	9	54	RBA.D1006
12	6	10,8	55	RBA.D1206
16	6	14,4	59	RBA.D1606



## Type E

Oval



### Single cut

D1	D2	L1	L2	Code
3	3	7	38,5	RBS.E0303
6	6	10	55	RBS.E0606
8	6	13	58	RBS.E0806
10	6	16	61	RBS.E1006
12	6	20	65	RBS.E1206
16	6	25	75	RBS.E1606

### Double cut

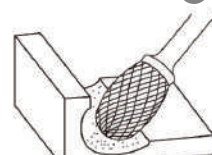
D1	D2	L1	L2	Code
3	3	7	38,5	RB.E0303
6	6	10	55	RB.E0606
8	6	13	58	RB.E0806
10	6	16	61	RB.E1006
10	6	16	166	RBDL.E1006
12	6	20	65	RB.E1206
12	6	20	170	RBDL.E1206
16	6	25	70	RB.E1606

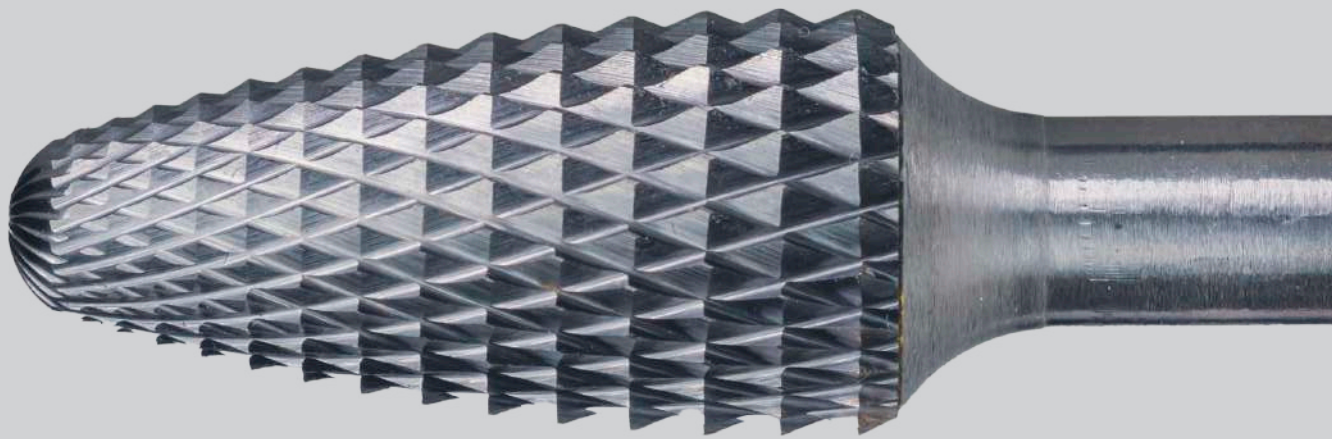
### Diamond cut

D1	D2	L1	L2	Code
8	6	13	58	RBD.E0806
10	6	16	61	RBD.E1006
12	6	20	65	RBD.E1206
16	6	25	70	RBD.E1606

### Alu cut

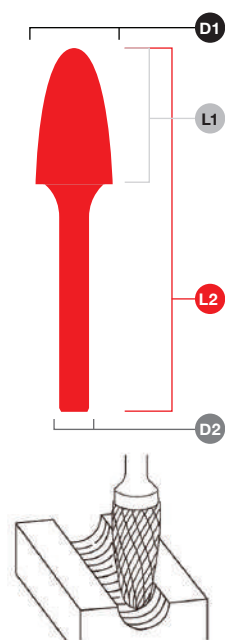
D1	D2	L1	L2	Code
6	6	10	55	RBA.E0606
10	6	16	61	RBA.E1006
12	6	20	65	RBA.E1206





# Type F

Ball nose tree



## Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.F0303
6	6	18	63	RBS.F0606
8	6	20	65	RBS.F0806
10	6	20	65	RBS.F1006
12	6	25	70	RBS.F1206
16	6	25	70	RBS.F1606

## Double cut

D1	D2	L1	L2	Code
3	3	13	38,5	RB.F0303
6	6	18	63	RB.F0606
8	6	20	65	RB.F0806
10	6	20	65	RB.F1006
10	6	20	170	RBDL.F1006
12	6	25	70	RB.F1206
12	6	25	175	RBDL.F1206
16	6	25	70	RB.F1606

## Diamond cut

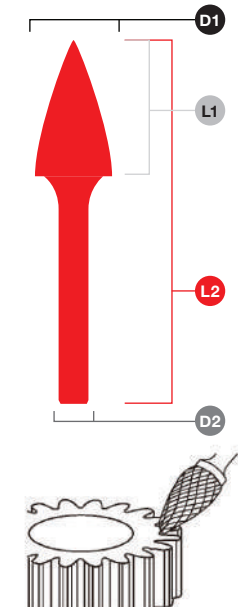
D1	D2	L1	L2	Code
8	6	20	65	RBD.F0806
10	6	20	65	RBD.F1006
12	6	25	70	RBD.F1206
16	6	25	70	RBD.F1606

## Alu cut

D1	D2	L1	L2	Code
6	6	18	63	RBA.F0606
10	6	20	65	RBA.F1006
12	6	25	70	RBA.F1206
16	6	25	70	RBA.F1606

# Type G

Arc pointed tree



## Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.G0303
6	6	18	63	RBS.G0606
8	6	20	65	RBS.G0806
10	6	20	65	RBS.G1006
12	6	25	70	RBS.G1206
16	6	25	70	RBS.G1606

## Double cut

D1	D2	L1	L2	Code
3	3	13	38,5	RB.G0303
6	6	18	63	RB.G0606
8	6	20	65	RB.G0806
10	6	20	65	RB.G1006
10	6	20	170	RBDL.G1006
12	6	25	70	RB.G1206
12	6	25	175	RBDL.G1206
16	6	25	70	RB.G1606

## Diamond cut

D1	D2	L1	L2	Code
8	6	20	65	RBD.G0806
9,5	6	20	65	RBD.G1006
12	6	25	70	RBD.G1206
16	6	25	70	RBD.G1606

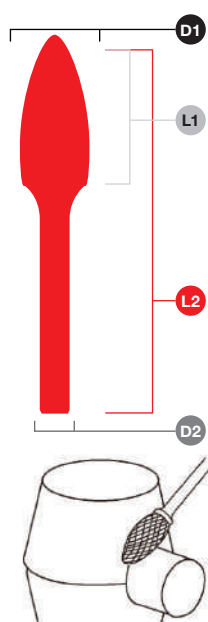
## Alu cut

D1	D2	L1	L2	Code
6	6	18	63	RBA.G0606
10	6	20	65	RBA.G1006
12	6	25	70	RBA.G1206
16	6	25	70	RBA.G1606

# CARBIDE ROTARY BURRS SPECIFICATION

## Type H

Flame



### Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.H0303
6	6	18	63	RBS.H0606
8	6	20	65	RBS.H0806
10	6	20	65	RBS.H1006
12	6	25	70	RBS.H1206
16	6	36	81	RBS.H1606

### Double cut

D1	D2	L1	L2	Code
3	3	13	38,5	RB.H0303
6	6	18	63	RB.H0606
8	6	20	65	RB.H0806
10	6	25	70	RB.H1006
12	6	32	77	RB.H1206
12	6	32	202	RBDL.H1206
16	6	36	81	RB.H1606

### Diamond cut

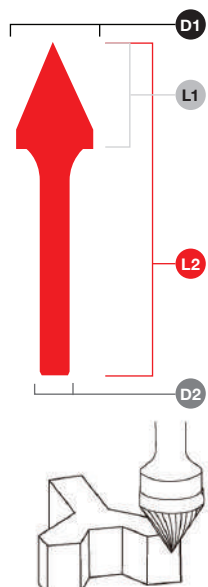
D1	D2	L1	L2	Code
8	6	20	65	RBD.H0806
10	6	25	70	RBD.H1006
12	6	32	77	RBD.H1206
16	6	36	81	RBD.H1606

### Alu cut

D1	D2	L1	L2	Code
6	6	18	63	RBA.H0606
10	6	25	70	RBA.H1006
12	6	32	77	RBA.H1206
16	6	36	81	RBA.H1606

## Type J

60 degree cone



### Single cut

D1	D2	L1	L2	Code
6	6	5,2	50	RBS.J0606
10	6	8,7	53	RBS.J1006
12	6	10,4	55	RBS.J1206
16	6	13,8	58	RBS.J1606

### Double cut

D1	D2	L1	L2	Code
6	6	5,2	50	RB.J0606
10	6	8,7	53	RB.J1006
12	6	10,4	55	RB.J1206
16	6	13,8	58	RB.J1606



## Type K

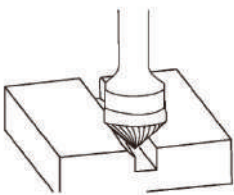
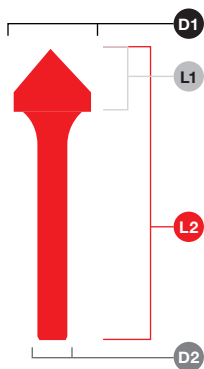
90 degree cone

### Single cut

D1	D2	L1	L2	Code
6	6	3	48	RBS.K0606
10	6	5	50	RBS.K1006
12	6	6	51	RBS.K1206
16	6	8	53	RBS.K1606

### Double cut

D1	D2	L1	L2	Code
6	6	3	48	RB.K0606
10	6	5	50	RB.K1006
12	6	6	51	RB.K1206
16	6	8	53	RB.K1606



## Type L

Ball nose cone

### Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.L0303
6	6	16	61	RBS.L0606
8	6	22	67	RBS.L0806
10	6	25	70	RBS.L1006
12	6	28	73	RBS.L1206
16	6	33	78	RBS.L1606

### Double cut

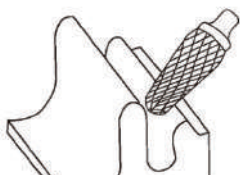
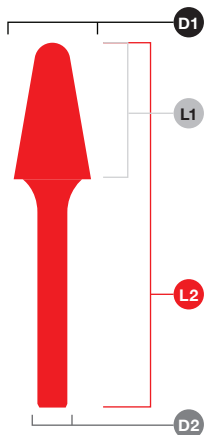
D1	D2	L1	L2	Code
3	3	13	38,5	RB.L0303
6	6	16	61	RB.L0606
8	6	22	67	RB.L0806
10	6	25	70	RB.L1006
10	6	25	175	RBDL.L1006
12	6	28	73	RB.L1206
12	6	28	178	RBDL.L1206
16	6	33	78	RB.L1606

### Diamond cut

D1	D2	L1	L2	Code
8	6	22	67	RBD.L0806
10	6	25	70	RBD.L1006
12	6	28	73	RBD.L1206
16	6	33	78	RBD.L1606

### Alu cut

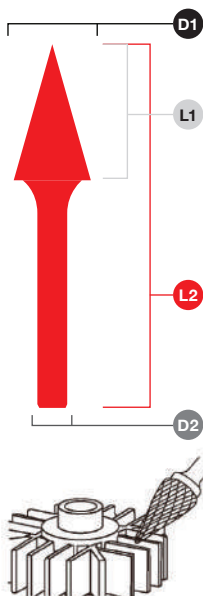
D1	D2	L1	L2	Code
6	6	16	61	RBA.L0606
10	6	25	70	RBA.L1006
12	6	28	73	RBA.L1206



# CARBIDE ROTARY BURRS SPECIFICATION

## Type M

Cone



### Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.A0303
6	6	16	63	RBS.A0606
8	6	20	65	RBS.A0806
10	6	20	65	RBS.A1006
12	6	25	70	RBS.A1206
16	6	25	70	RBS.A1606

### Double cut

D1	D2	L1	L2	Code
3	3	13	38,5	RB.M0303
6	6	18	63	RB.M0606
8	6	20	65	RB.M0806
10	6	20	65	RB.M1006
12	6	25	70	RB.M1206
16	6	25	70	RB.M1606

### Diamond cut

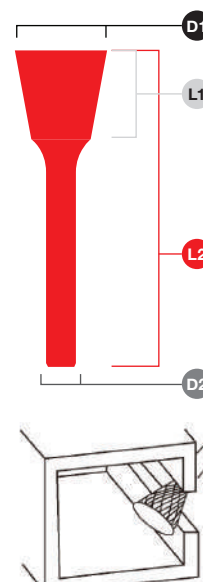
D1	D2	L1	L2	Code
8	6	20	65	RBD.M0806
10	6	20	65	RBD.M1006
12	6	25	70	RBD.M1206
16	6	25	70	RBD.M1606

### Alu cut

D1	D2	L1	L2	Code
6	6	18	63	RBA.M0606
10	6	20	65	RBA.M1006
12	6	25	70	RBA.M1206

## Type N

Inverted cone



### Single cut

D1	D2	L1	L2	Code
3	3	13	38,5	RBS.N0303
6	6	7	52	RBS.N0606
10	6	10	55	RBS.N1006
12	6	13	58	RBS.N1206
16	6	16	61	RBS.N1606

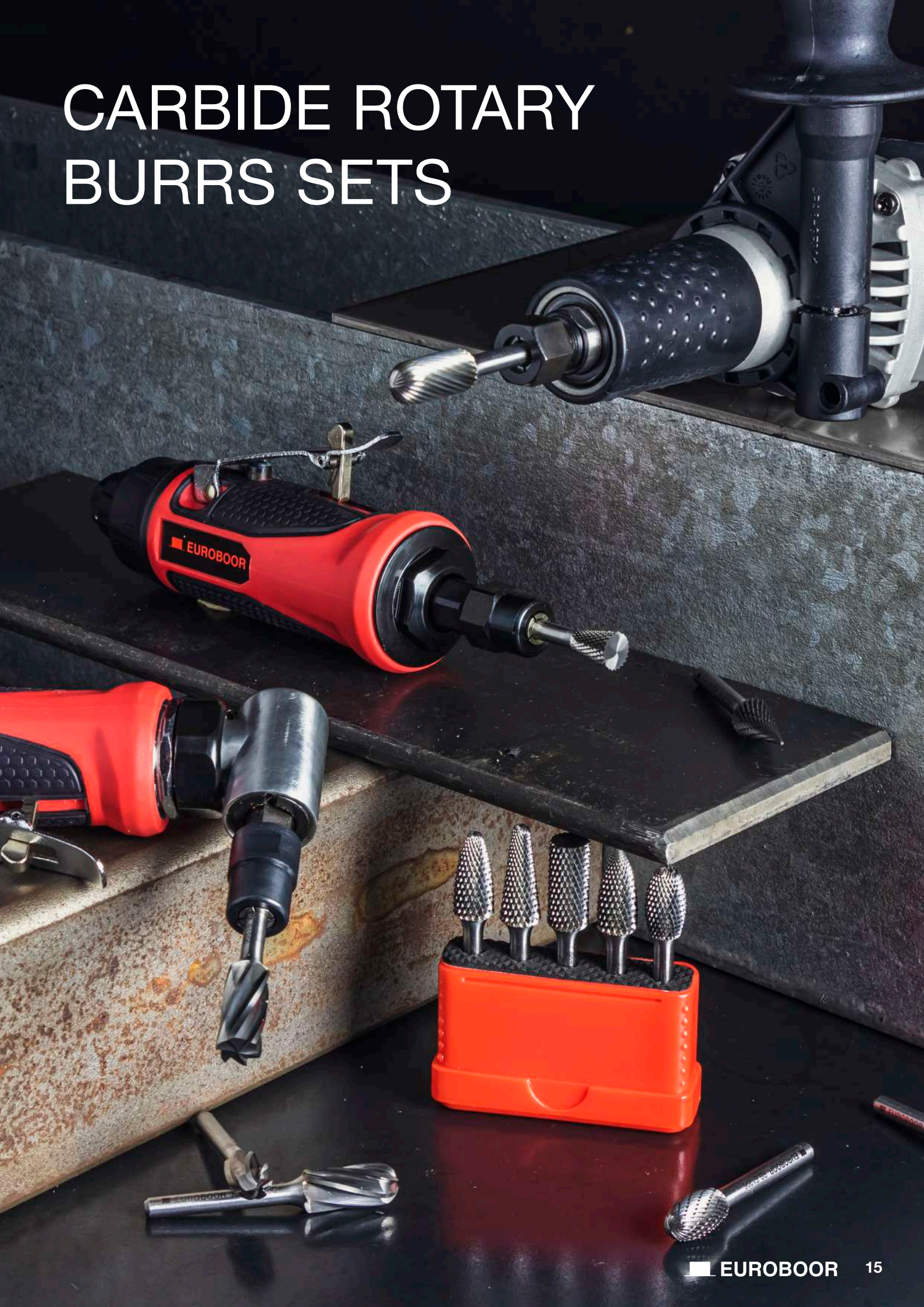
### Double cut

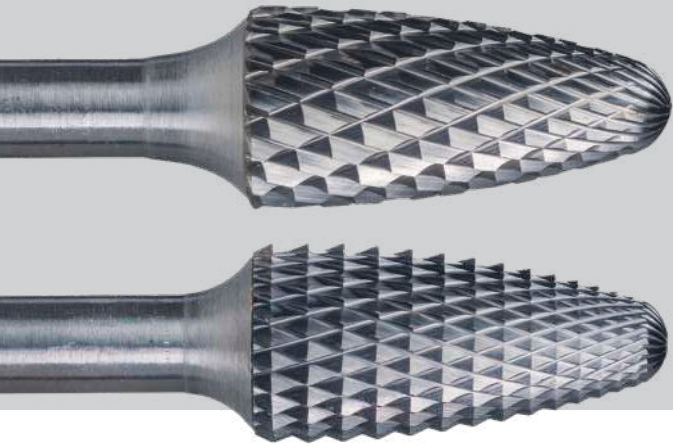
D1	D2	L1	L2	Code
3	3	13	38,5	RB.N0303
6	6	17	52	RB.N0606
10	6	10	55	RB.N1006
12	6	13	58	RB.N1206
16	6	16	61	RB.N1606

### Diamond cut

D1	D2	L1	L2	Code
10	6	10	55	RBD.N1006
12	6	13	58	RBD.N1206
16	6	16	61	RBD.N1606

# CARBIDE ROTARY BURRS SETS





# CARBIDE ROTARY BURRS SETS

The most commonly used carbide burrs shapes and dimensions are now available in sets of 5 and 10 pcs.

These very handy sets come in small boxes that protect the burrs from damage and dirt.

Thanks to the small size the boxes fit perfectly in your tool case.

The burrs are secured at the shank preventing it from falling out while transported.



## Double cut

Set 5 pcs (RBS.0510)

D1	D2	L1	L2	Model
10	6	20	65	RB.B1006
10	6	20	65	RB.C1006
10	6	20	65	RB.F1006
10	6	20	65	RB.G1006
10	6	25	70	RB.L1006



## Double cut

Set 5 pcs (RBS.0512)

D1	D2	L1	L2	Model
12	6	25	70	RB.B1206
12	6	25	70	RB.C1206
12	6	25	70	RB.F1206
12	6	25	70	RB.G1206
12	6	28	73	RB.L1206



## Diamond cut

Set 5 pcs (RBS.0510D)

D1	D2	L1	L2	Model
10	6	20	65	RBD.B1006
10	6	20	65	RBD.C1006
10	6	20	65	RBD.F1006
9,5	6	20	65	RBD.G1006
10	6	25	70	RBD.L1006

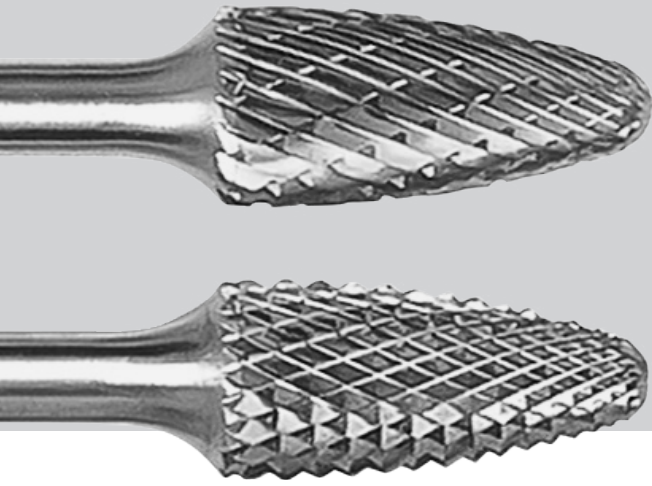


## Diamond cut

Set 5 pcs (RBS.0512D)

D1	D2	L1	L2	Model
12	6	25	70	RBD.B1206
12	6	25	70	RBD.C1206
12	6	25	70	RBD.F1206
12	6	25	70	RBD.G1206
12	6	28	73	RBD.L1206





# CARBIDE ROTARY BURRS SETS



**Double cut**  
Set 10 pcs (RBS.1010)

D1	D2	L1	L2	Model	QTY
10	6	20	65	RB.B1006	2
10	6	20	65	RB.C1006	2
10	6	20	65	RB.F1006	2
10	6	20	65	RB.G1006	2
10	6	25	70	RB.L1006	2



**Diamond cut**  
Set 10 pcs (RBS.1010D)

D1	D2	L1	L2	Model	QTY
10	6	20	65	RBD.B1006	2
10	6	20	65	RBD.C1006	2
10	6	20	65	RBD.F1006	2
10	6	20	65	RBD.G1006	2
10	6	25	70	RBD.L1006	2



**Double cut**  
Set 10 pcs (RBS.1012)

D1	D2	L1	L2	Model	QTY
12	6	25	70	RB.B1206	2
12	6	25	70	RB.C1206	2
12	6	25	70	RB.F1206	2
12	6	25	70	RB.G1206	2
12	6	28	73	RB.L1206	2



**Diamond cut**  
Set 10 pcs (RBS.1012D)

D1	D2	L1	L2	Model	QTY
12	6	25	70	RBD.B1206	2
12	6	25	70	RBD.C1206	2
12	6	25	70	RBD.F1206	2
12	6	25	70	RBD.G1206	2
12	6	28	73	RBD.L1206	2



# DIE GRINDING MACHINES

The Euroboor grinding machines are developed with focus on minimizing vibrations and being easy and safe in operation. The purpose of all Euroboor grinding machines is realizing smooth, high quality finishes whilst taking the minimum of your time and energy.

Euroboor has both electric and air pressured grinding machines which offer you great results under all circumstances.



## ADG.2A

Air pressured lightweight grinding machine (90° angle)



## ADG.2S

Air pressured lightweight grinding machine



## ADG.2E

Air pressured lightweight grinding machine (extended shaft)



## EDG.600

Electric grinding machine



## **VibraTec** Technology

### Minimize Vibrations!

- Better & easier operations!
- Smooth & high quality finish!
- Ergonomic design



# ADG.2S

## AIR DIE GRINDER STRAIGHT



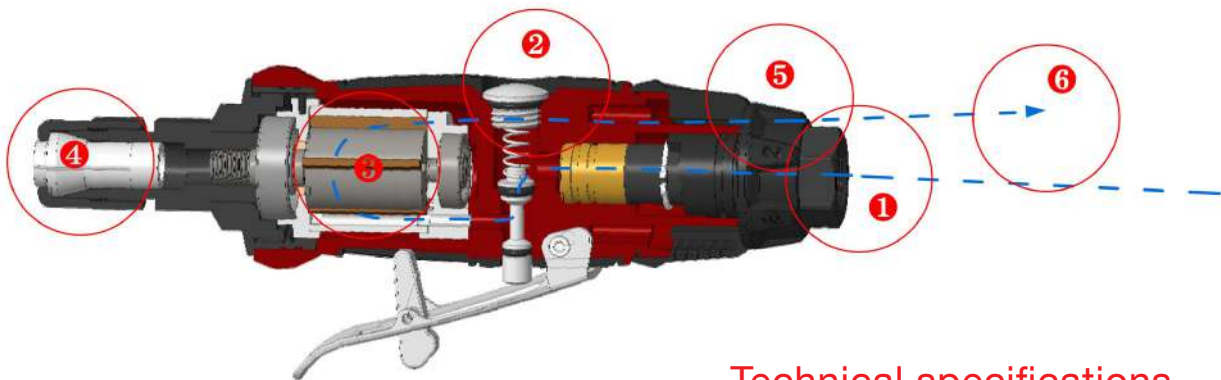


## Air Die Grinder Straight

The Euroboor ADG.2S pneumatic grinder is your number one choice for grinding, polishing, deburring and smoothing sharp edges. The ADG.2S is compact, lightweight and fast! The Euroboor air die grinders offer maximum safety and comfort because of its soft grip, with rubber pads and a non-slip trigger with safety lever.

This ergonomic grip also contributes to minimizing vibrations for greater finishes!

A four-speed air regulator provides an extra ease of operation and contributes to perfect finishes on all sorts of materials, while a 360° rotatable air exhaust provides an extra edge of comfort to the machine.



- 1 - Built-in air filter protect motor from dirt.
- 2 - Soft grip with non-slip trigger and rubber pads for maximum grip.
- 3 - Heavy duty motor, air powered
- 4 - Collet, made of hardened steel
- 5 - 4-speed air regulator
- 6 - 360° adjustable air exhaust

## Technical specifications

Standard collet	6 mm
Max. RPM (no load)	20.000 rpm
Speed 1	9,500 rpm
Speed 2	13,000 rpm
Speed 3	18,000 rpm
Speed 4	20,000 rpm
Average air consumption	142 l/m (5 SCFM)
Working air pressure	6.3 bar (90 PSI)
Air hose size	3/8"
Air inlet size	1/4"
Weight	0.67 kg
Length:	193 mm
Height:	70 mm

### Machine includes:

- 1x Machine ADG.2S
- 1x Collet 6 mm (1/4")
- 3x Air nipple (1/4")
- 2x Wrench



### Partnumbers:

- Machine: ADG.2S
- Also available in case: ADG.2S-CASE
- Also available as set: ADG.2S-SET

## Air Die Grinder Angle

The Euroboor ADG.2A pneumatic grinder is the perfect choice for small and difficult-to-reach spaces. Suitable for grinding, polishing, deburring and smoothing sharp edges.

The Euroboor air die grinders offer maximum safety and comfort because of its soft grip, with rubber pads and a non-slip trigger

with safety lever. This ergonomic grip also contributes to minimizing vibrations for greater finishes! The 90° angle makes this machine perfectly suitable for working from above, below or in tight spaces.

With the powerful air pressured engine, this machine will do the job!



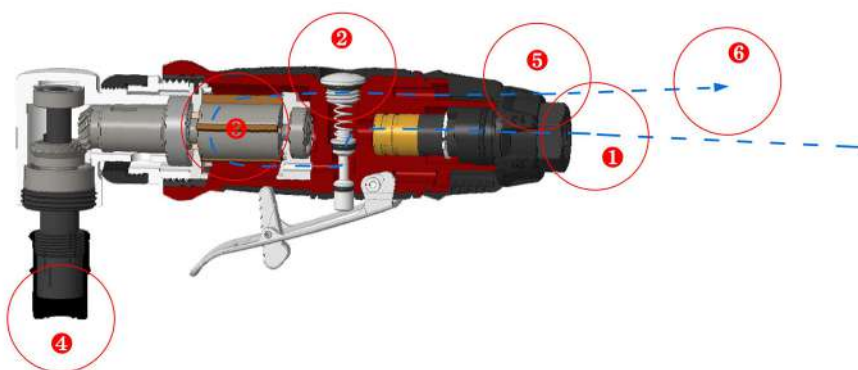


# ADG.2A

## AIR DIE GRINDER ANGLE

### Technical specifications

Standard collet	6 mm
Max. RPM (no load)	20,000 rpm
Speed 1	10,000 rpm
Speed 2	17,000 rpm
Speed 3	19,000 rpm
Speed 4	20,000 rpm
Average air consumption	113 l/m (4 SCFM)
Working air pressure	6.3 bar (90 PSI)
Air hose size	3/8"
Air inlet size	1/4"
Weight	0.53 kg
Length:	193 mm
Height:	70 mm



- 1 - Built-in air filter to protect motor from dirt.
- 2 - Soft grip with non-slip trigger and rubber pads for maximum grip.
- 3 - Heavy duty motor, air powered
- 4 - Collet, made of hardened steel
- 5 - 4-speed air regulator
- 6 - 360° adjustable air exhaust

#### Machine includes:

- 1x Machine ADG.2A
- 1x Collet 6 mm (1/4")
- 3x Air nipple (1/4")
- 2x Wrench



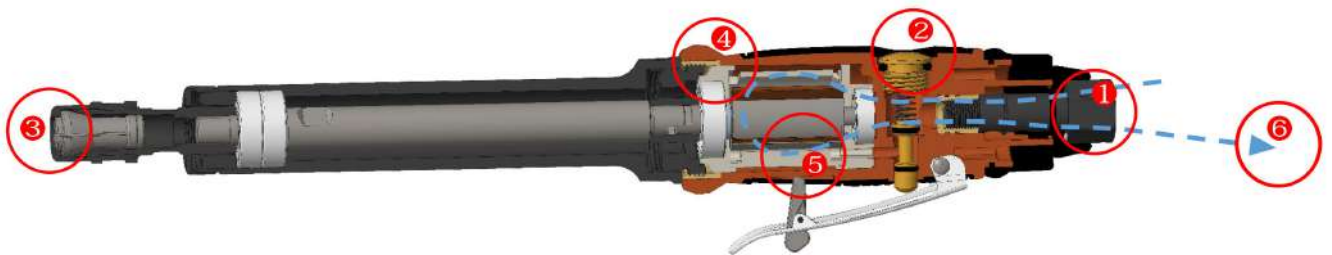
#### Partnumbers:

- Machine: ADG.2A
- Also available in case: ADG.2A-CASE
- Also available as set: ADG.2A-SET



# ADG.2E

## AIR DIE GRINDER EXTENDED



- 1 - Built-in air filter to protect motor from dirt.
- 2 - Soft grip with non-slip trigger and rubber pads for maximum grip.
- 3 - Collet, made of hardened steel
- 4 - Heavy duty motor, air powered
- 5 - 4-speed air regulator perfect finishes
- 6 - 360° air exhaust for extra comfort

### Technical specifications

Standard collet	6 mm
Max. RPM (no load)	22,000 rpm
Speed 1	9,000 rpm
Speed 2	14,000 rpm
Speed 3	18,000 rpm
Speed 4	22,000 rpm
Average air consumption	142 l/m (5 SCFM)
Working air pressure	6.3 bar (90 PSI)
Air hose size	3/8"
Air inlet size	1/4"
Weight	1.31 KG
Length:	338 mm
Height:	70 mm



#### Machine includes:

- 1x Machine ADG.2S
- 1x Collet 6 mm (1/4")
- 3x Air nipple (1/4")
- 2x Wrench



#### Partnumbers:

- Machine: ADG.2E
- Also available in case: ADG.2E-Case
- Also available as set: ADG.2E-SET



## Air Die Grinder Extended

The Euroboor ADG.2E pneumatic grinder with 150 mm shaft is the perfect machine for working just out of reach! Suitable for grinding, polishing, deburring and smoothing sharp edges.

The Euroboor air die grinders offer maximum safety and comfort because of its soft grip,

with rubber pads and a non-slip trigger with safety lever. The Vibratex technology contributes to minimizing vibrations for greater finishes! A four-speed air regulator provide an extra ease of operation and contributes to perfect finishes on all sorts of materials, while a 360° rotatable air exhaust provides an extra edge of comfort to the machine.



# EDG.600 ELECTRIC DIE GRINDER

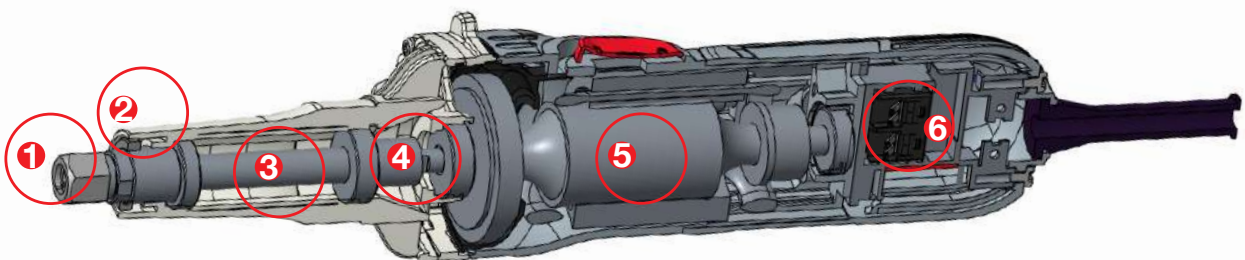




## Electric Die Grinder

No air? No problem! Electric grinder EDG.600 is your partner for all types of grinding work. It has an ergonomic shape and is versatile. An auxiliary handle provides extra grip and precision!

The powerful 600-watt motor gives a soft start. The EDG.600 delivers a constant speed, also under heavy load. The EDG.600 is also equipped with a 6-speed preselector for use on different materials. The ergonomics grip and high quality bearings deliver less vibration, thus better work quality!



- 1 - Nut/M15
- 2 - Dustproof cover
- 3 - Spindle
- 4 - Adaptor
- 5 - Motor
- 6 - Switch

## Technical specifications

Standard collet	6 mm
RPM	12,000 - 27,000
Motor power	600 W (5A)
Voltage	220-240V / 50-60 HZ
Weight	1.8 KG
Length:	350 mm
Height:	80 mm

### Machine includes:

- 1x Machine EDG.600
- 1x Collet 6 mm (1/4")
- 2x Wrench
- 1x Carbon Brush
- 1x Handle



### Partnumbers:

- Machine: EDG.600
- Also available in case: EDG.600 CASE
- Also available as set: EDG.600 SET

# CARBIDE BURRS AND MACHINE GUIDELINES

Before purchasing and/or using rotary burrs Euroboor advises to walk through the steps below. Purchasing the right grinding burr for each situation and applications results in:

- Lower Energy Costs
- Better results
- Long lasting quality
- Safer working environment

	Cast iron	Cast steel	Unhardened steels	Hardened steels	Low alloy steels	High alloy steels	Heat treated steels	Stainless steel	Titanium alloy	Brass	Bronze / Copper	Plastics	Aluminium	Zinc alloy
Single cut	•	•	•		•			•		•	•			
Double cut	•	•	•		•			•		•	•			
Diamond cut	•	•	•	•	•	•	•	•	•	•	•			
Alu cut												•	•	•



- 1 Please consider the materials you will use the burr on and select the correct cut.
- 2 Choose the right cut and consider the result that you want. Choose the model that can do the job (model A – N)
- 3 Choose the shank diameter (D2) that fits your grinding machine's collet.
- 4 Choose your burr Diameter (D1) for the result that you are after. For the best result see the recommend RPM's of each burr, specified per material, below.
- 5 After choosing the correct burr diameter (D1), refer to the table on page 29 for the machine speed that is recommended for the best possible result, specified per material.  
Please keep in mind all safety advises and warnings.

## Operating:

- Avoid utilizing too much pressure that grinding speed is influenced
- To improve finish, maximize the area of contact with the workpiece
- Avoid contact between the shank of the burr with the workpiece
- Before the burr becomes damaged, replace the dull burr with a resharpened or new burr.
- To improve performance of the burr, please periodically dip it in wax.
- Check regularly air pressure, fittings, and seals to ensure maximum RPM and power.
- Correct speeds are vital to achieve desired finish and removal rates. Please refer to the technical data in the Recommended rotational Speed section

## Recommended rotational speed

When choosing the right rotational speed (RPM), please consider the following:

1. Select the right material
2. Select the burr diameter
3. Refer to the RPM



## Speed recommendation chart

Below table lists recommended rotational speeds (RPM) as a function of burr diameter (x 1,000)

Material	3 mm	6 mm	8 mm	10 mm	12 mm	16 mm	20 mm	25 mm
Stainless Steel	30 - 50	15 - 25	12 - 20	10 - 15	9 - 12	7 - 10	5 - 7	4 - 5
Steel	60 - 90	30 - 45	25 - 35	20 - 30	15 - 25	10 - 18	10 - 14	8 - 10
Hardened / Tool Steel	30 - 40	15 - 20	10 - 15	10 - 15	8 - 10	5 - 8	4 - 7	3 - 5
Cast Iron	60 - 90	30 - 45	25 - 35	20 - 30	15 - 20	10 - 18	10 - 14	8 - 10
Aluminium / Plastics	30 - 90	15 - 60	12 - 50	10 - 50	8 - 35	6 - 30	5 - 20	4 - 15
Copper	30 - 90	15 - 60	12 - 50	10 - 50	8 - 35	6 - 30	5 - 20	4 - 15
Brass	40 - 50	20 - 30	15 - 20	13 - 17	10 - 15	8 - 12	6 - 8	5 - 6
Zinc	60 - 90	30 - 45	25 - 35	20 - 30	15 - 25	10 - 18	10 - 14	8 - 10
Nickel / Titanium	30 - 40	15 - 20	10 - 15	10 - 15	8 - 10	5 - 8	4 - 7	3 - 5

## Troubleshooting:

Occurance	Solution
Clogged Burr	Use the correct burr for the materials
Heavy discoloration between shank and toothed section	Adjust RPM and/or reduce the pressure and/or adjust angle
The head breaks of	Adjust RPM and/or reduce the pressure and/or adjust angle
Sparks	Reduce RPM or ensure no more than 1/3rd of burr's surface touches working area
Heavy splintering or chipping of burr	Reduce stress on working area
Shank breach	Use rigid power tools or replace clamping system of power tool
Strong vibrations or sudden heavy sparks	Replace the burr as the lifetime has passed

## Safety:

- Use only rigid clamping systems and/or power tools otherwise premature wear can occur.
- Do not exceed 1/3 of the burr's surface on the material you are working on. If not, it is considered rough milling behavior resulting in damaged teeth.
- Start counter rotationally and finish in direction of rotation to achieve smooth surface.
- Use powerful drives machines with soft grip for reduced vibration.



Wear a mask



Wear ear protection



Wear safety glasses



Wear gloves

# EUROBOOR



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Euroboor makes every effort to meet quality and integrity requirements. That is why we as an organization are proud of the recognition of some leading organizations worldwide:

\*Disclaimer: Euroboor is not liable for any damage caused to the machine due to electrical problems in the workplace. Above mentioned protection is not guaranteed in all cases of voltage spikes and/or frequency fluctuations. Euroboor accepts no liability when it comes to the power protection not functioning or functioning poorly.