

Possibilities

As the very top of the line, there is no equal to Ceramax in the field of professional grinding.

Ceramax is completely non-ferrous and was specially developed to quickly machine materials such as stainless steel, aluminium and high-grade alloys.

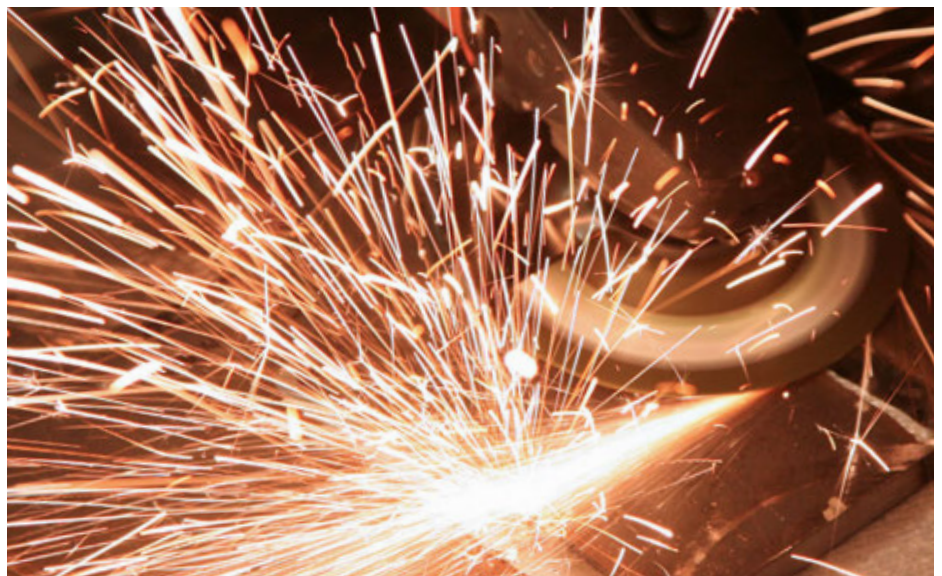
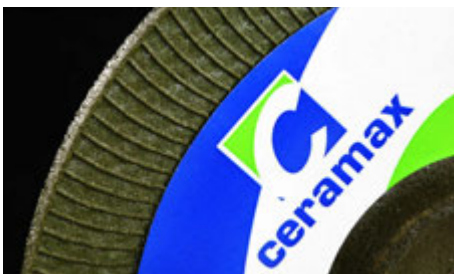
Constructed from 100% ceramic abrasion grit in a High Tech carrier, this disc grinds 50% faster and several times longer, cooler and smoother than any other grinding disc.

- 100% ceramic grit
- High Tech synthetic resin
- Specially studied disc architecture
- Non-ferrous

Vibration and noise

European directive 2002/44/EG

The European directive regarding vibrations 2002/44/EG has been in effect since mid-2005. By using Ceramax discs, you conform to this directive. Comparative tests have shown that Ceramax causes significantly less vibration and creates less noise. In this way, Cibo actively contributes to the comfort of the Ceramax user. **Less vibration, less noise pollution and faster deburring** ensure happy, less fatigued workers.





Properties/Advantages

The Ceramax disc couples its unique properties with important advantages :

- faster grinding:
time and material savings guarantee significant cost reductions
- cooler grinding:
prevents heat discolouration while grinding and ensures a better finish
- less noise generation:
improved working conditions
- less dust:
healthier working conditions
- less vibration ensures:
 - *improved level of finish*
 - *better control of the grinding activities*
 - *more user-comfort, less fatigue and increased safety*
- 100% non-ferrous:
safe to use to process stainless steel
- backing pad not required:
easy, comfortable and safe

Applications

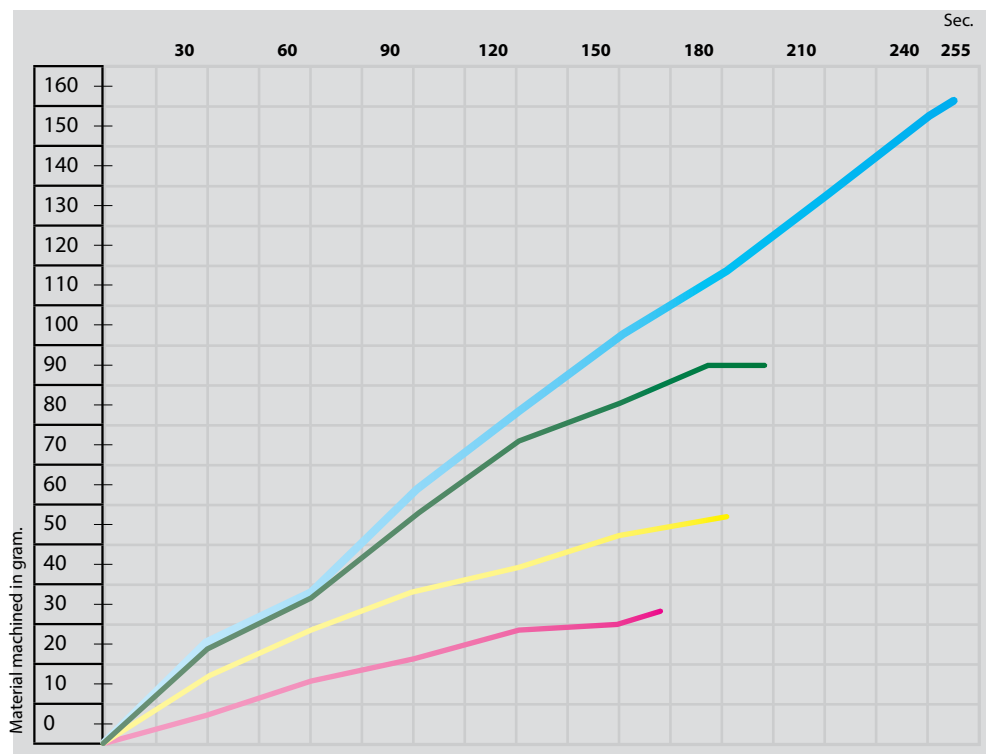
- removing welding seams
- removing laser and plasma burrs
- deburring
- machining & grinding
- smoothing off edges
- tank and boiler construction
- shipyards
- aircraft industry
- stainless steel processing
- truck construction
- steel constructions
- galvanic technology
- ..

To be used for

- stainless steel
- titanium
- inconel
- waspaloy
- haspaloy
- aluminium
- bronze
- steel
- hardened steel
- duplex
- ...

Ceramax - grinding information

Comparing grinding test between the Ceramax and 3 popular grinding discs.



Key

▲ Ceramax 100% ceramic

125 x 4,8mm
total life 253 sec
total grinding 156 gram
grinding/min 37g/min

▲ 100% ceramic

125 x 3,0mm
total life 193 sec
total grinding 93 gram
grinding/min 29g/min

▲ ALOX

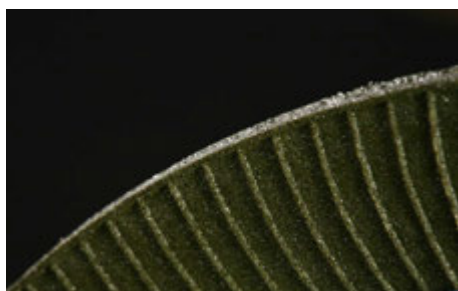
125 x 6,8mm
total life 178 sec
total grinding 52 gram
grinding/min 18g/min

▲ ALOX

125 x 7mm
total life 163 sec
total grinding 36 gram
grinding/min 13g/min

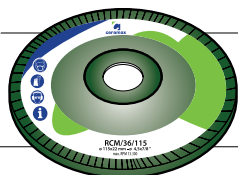
The values stated were achieved under the following conditions:


speed: 11,000 RPM
material: high-carbon steel



STANDARD RANGE CIBO

Ceramax disc




Dimensions	Grit	Max RPM	Recommended RPM		Order no.
Ø 115x4,8x22	36	13.300	9.900	25	RCM/36/115
Ø 125x4,8x22	36	12.200	9.000	25	RCM/36/125
Ø 180x4,8x22	36	8.500	6.500	25	RCM/36/180


Your local dealer

Produced by

cibo
time saving abrasives

Deugenietstraat 5 - 3150 Tildonk - Belgium

 +32 (0)16.61.85.85

 +32 (0)16.61.84.84

 info@cibo.be

 www.cibo.be