

**pomdi**

HIGH PRECISION DEVICES  
AND TECHNOLOGIES

Engineered to perfect your ideas



What is Pomdi?

## **Pomdi is embracing innovation and technological excellence**

Founded in 1972, Pomdi designs and manufactures high-precision diamond tools for industrial use, offering cost-effective machining solutions for a wide range of sectors: glass, metalwork, windpower, stone, aeronautical, friction sector..

Employing superabrasives like industrial diamonds and cubic boron nitride (CBN).



# Flat Glass Sector

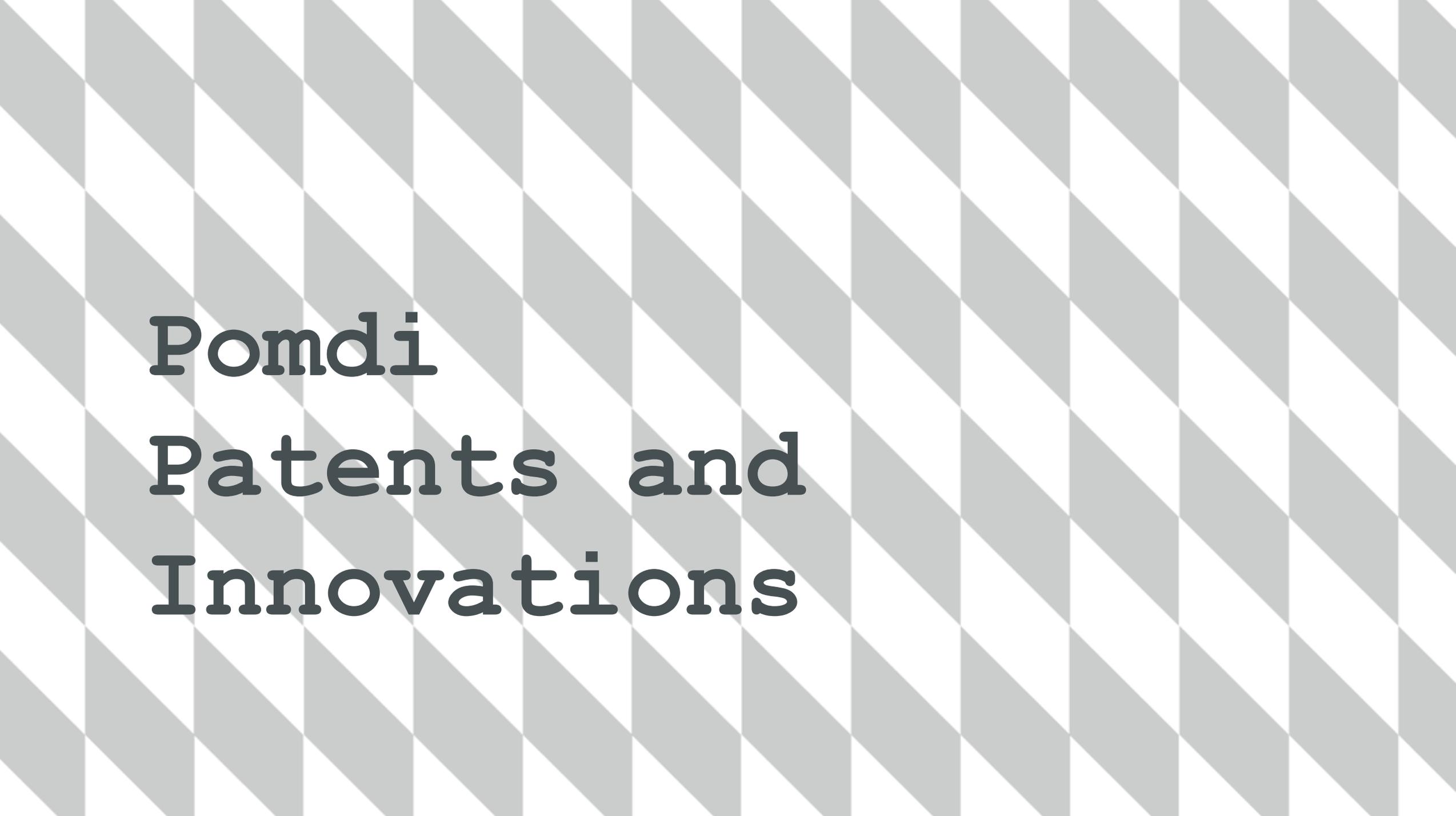


## Flat Glass

Our patented products, and other innovations for construction industry flat glass, have made us leaders in the technology applied to manufacture of this type of product, as well as in design and manufacture of custom tools for a wide range of applications.

**Our unique and innovative glass-working tools deliver exceptional results and optimal value for money.**





**Pomdi  
Patents and  
Innovations**



# Applications: Edging and Beveling

## 3NEO®: Our patented technology for cup wheels

3NEO® is a magnetic patented system. It allows you to reuse the grinding wheel's shank after the diamond part is worn out, changing only the consumable – the diamond ring.

### ADVANTAGES:

1. Reduce your cost
2. Reduce your stocks levels
3. Reduce your replacement time
4. Improve your productivity



[https://www.youtube.com/watch?v=1JaQKrusItY&ab\\_channel=Pomdivideos](https://www.youtube.com/watch?v=1JaQKrusItY&ab_channel=Pomdivideos)



# Applications: Edging and Beveling



**ARTIFEX - 3NEO®**

Pomdi and Artifex are jointly developing engineering solutions that feature our patented 3NEO® system.

Making it possible to equip clients' machines with our magnetic coupling system for both diamond and polishing tools.

**Pomdi markets 3NEO® grinding wheels made with Artifex quality exclusively worldwide.**



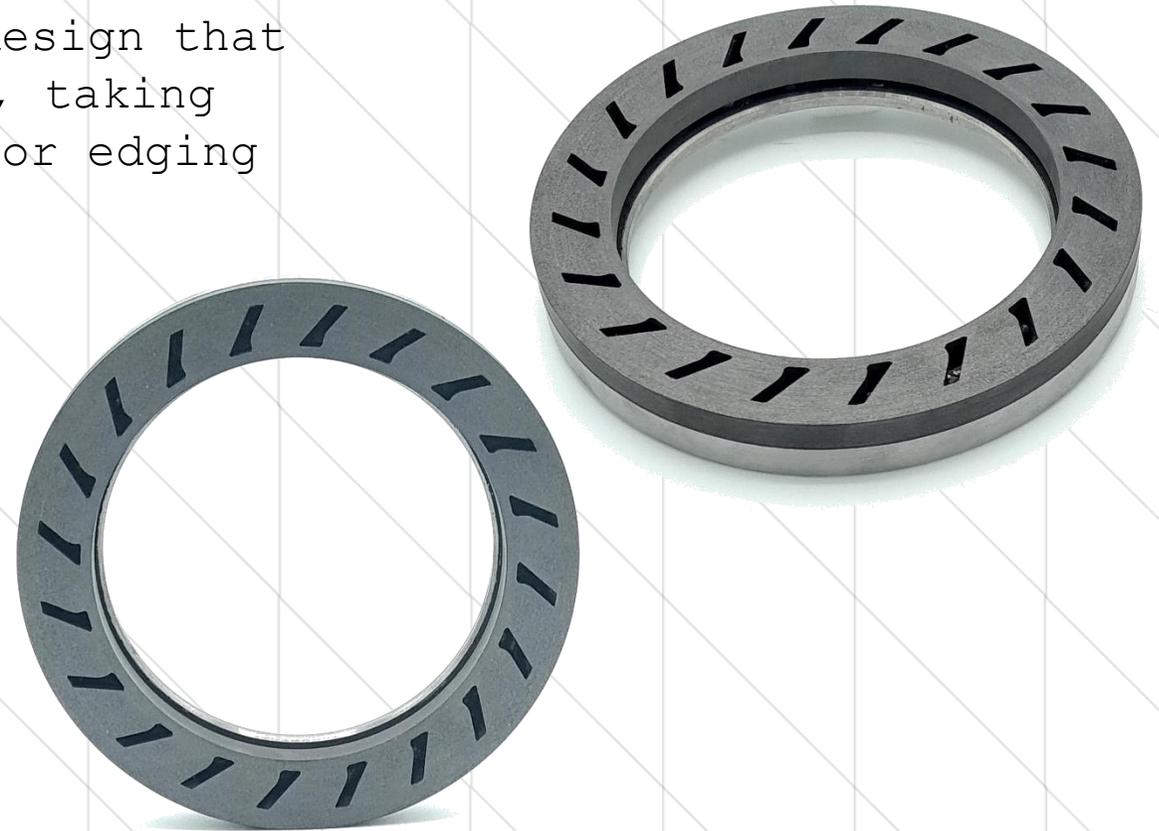


## Applications: Edging and Beveling

◆ **COOLIX:** Better cooling, better productivity

New diamond resin ring, with a special design that allows cooling to reach the work area, taking advantage of all flow during beveling or edging process.

- ◆ **Increase working speed**
- ◆ **Improve quality of the finish**
- ◆ **Avoid overheating**





## Applications: Edging

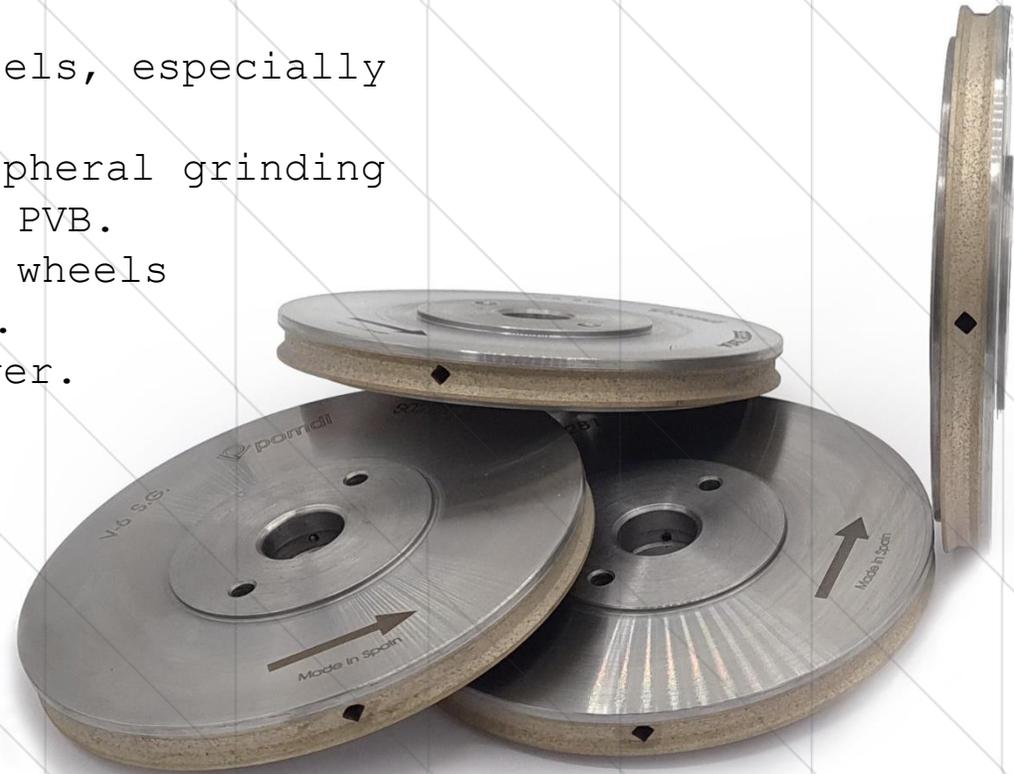
### PERIPHERAL WHEELS WITH REINFORCED DIAMOND LAYER

They are our innovated peripheral grinding wheels, especially for laminated glass.

The big problem of this type of glass for peripheral grinding wheels is the tool wearing with the PVB.

We solve this problem reinforcing the wheels where the tool contact with PVB.

It keeps the profile for much longer.





# Applications: Edging

## PERIPHERAL WHEELS MAX-COOLING

New peripheral wheels for CNC or double-edge machine, with a special design that allows cooling to reach the work area.

Thanks to its multi-segment assembly system, there is a water flow in the work area higher than normal.

This allows us to harden the diamond layer.

- Allows to work at a speed 50% higher than the average
- Avoid overheating
- Better finish
- Longer profile life





# Applications: Drilling and Countersinking

INOX DRILL: the best finish on the market

## Features

Laser  
Welding

Stainless  
Steel

0.8mm  
Thickness

Self  
Sharpening





# Applications: Drilling and Countersinking

## INOX-COUNTERSINKS

### Features

Economic  
diamond ring

Self-adjusting  
to the drill

No  
microcraks



THANK YOU!

