

# Технические характеристики

## По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

# For Polishing Drill Bits, End Mills & other Cutting Tools

The **atto assure** range of diamond polishing wheels are specifically designed for polishing end mills, reamers, drill bits and other cutting tools and products made from carbide and other difficult to grind materials.

A high concentration of Diamond grit is presented in a custom formulated flexible bond, engineered specifically for use on carbide cutting tools, to produce a consistent, flawless, mirrored finish.

The smooth, mirror finish produced by atto assure polishing wheels reduces heat and friction during tool use by ensuring unobstructed chip flow along the flute of the tool. This results in tools maintaining sharpness, cleaner, better quality cutting, and extended tool life.

## atto assure features

- Specially engineered for polishing of carbide and other cutting tool materials
- Ideal for flute and cutting edge polishing of carbide cutting tools
- Capable of providing mirrored finish for clean, consistent cutting and extended tool life
- Suitable for use on automated CNC machines or in manual applications
- High concentration of diamond grit spread evenly throughout the wheel
- Custom formulated bond offering flexibility and performance



*atto asure*

## Specifications & Customizable stencilling

Grit Types	Diamond / Cubic Boron Nitride (CBN)
Grit Sizes	100 to 800 (FEPA) from 125 to 6.5 (µm)
Diameter	from 50 to 250 mm from 2" to 10"
Thickness	from 3 to 25 mm from 1/8" to 1"
Wheel Speed	40 m/sec
Shapes	Type 1 Special faces available on request
Bore	as requested
Coolant	Pure Oil, Synthetic, Water

*atto asure* Specifications

## Applications

**atto asure** diamond polishing wheels are specifically designed for grinding and polishing of hard materials such as Tungsten Carbide. Common applications include the manufacture of industrial tools and threading tools, where high stock removal rates, and a consistent, mirrored finish, are key

requirements.



*åtto åsure*

---

# åttå åsure™ Diamond Polishing Wheels

## åttå åsure™

### *For Polishing Drill Bits, End Mills & other Cutting Tools*

åttå åsure diamond polishing wheels are specifically designed for polishing end mills, reamers, drill bits and other cutting tools and products made from carbide and other difficult to grind materials.

A high concentration of Diamond grit is presented in a custom formulated flexible bond, engineered specifically for use on carbide cutting tools, to produce a consistent, flawless, mirrored finish.



The smooth, mirror finish produced by åttå åsure polishing wheels reduces heat and friction during tool use by ensuring unobstructed chip flow along the flute of the tool. This results in tools maintaining sharpness, cleaner, better quality cutting, and extended tool life.

A specially formulated, flexible bond means that åttå åsure wheels maintain diameter and do not compress during operation. Therefore standard truing and dressing is possible, resulting in less downtime and maintenance of machinery than with some other diamond polishing wheels.



## Features

- Specially engineered for polishing of carbide and other cutting tool materials
- Ideal for flute and cutting edge polishing of carbide cutting tools
- Capable of providing mirrored finish for clean, consistent cutting and extended tool life
- Suitable for use on automated CNC machines or in manual applications
- High concentration of diamond grit spread evenly throughout the wheel
- Custom formulated bond offering flexibility and performance
- Standard truing and dressing ensuring minimal machine maintenance





## Applications

áto ásure diamond polishing wheels are specifically designed for grinding and polishing of hard materials such as Tungsten Carbide. Common applications include the manufacture of industrial tools and threading tools, where high stock removal rates, and a consistent, mirrored finish, are key requirements.



## Specifications

**Grit Types:** Diamond / Cubic Boron Nitride (CBN)

**Grit Sizes:** from 100 to 800 (FEPA)  
from 125 to 6.5 ( $\mu\text{m}$ )

**Diameter:** from 50 to 250 mm  
from 2" to 10"

**Thickness:** from 3 to 25 mm  
from 1/8" to 1"

**Wheel Speed:** 40 m/sec

**Shapes:** Type 1  
Special faces available on request

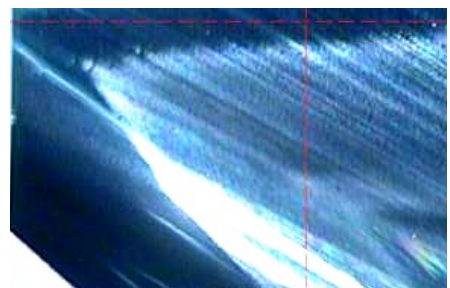
**Bore:** as requested

**Coolants:** Pure Oil, Synthetic, Water

## Tool Performance

Carbide cutting tools, polished with áto ásure diamond polishing wheels demonstrate:

- Consistently smooth cutting edge
- Maintained sharpness during use
- Unobstructed chip flow and stock removal
- Cleaner smoother cutting
- Lower operating temperatures
- Longer tool life
- Less power consumption during use





# Diamond Polishing Wheels

## åtto åsure Diamond Polishing wheels

Our diamond polishing wheels are specifically designed for grinding and polishing of hard materials.

- **Size: 150 x 25 x 20mm**
- High concentration of diamond grit spread evenly throughout the wheel
- Specially engineered for polishing of carbide and other cutting tool materials
- Custom formulated bond offering flexibility and performance

## Description

åtto åsure diamond polishing wheels are specifically designed for polishing end mills, reamers, drill bits and other cutting tools and products made from carbide and other difficult to grind materials. A high concentration of Diamond grit is presented in a custom formulated flexible bond, engineered specifically for use on carbide cutting tools, to produce a consistent, flawless, mirrored finish.

- Our åtto åsure diamond wheels are designed for polishing of end mills, reamers, drill bits & cutting tools.
- Designed for flute and cutting-edge polishing.
- Size: 150 x 25 x 20mm
- **Further sizes available from Diameter: 50 – 250mm Thickness: 3 – 25mm**
- Specifications available containing diamond or CBN
- Grit sizes from 100 to 800 (FEPA)
- For polishing carbide, tungsten carbide & other hardened materials

**По вопросам продаж и поддержки обращайтесь:**

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	