

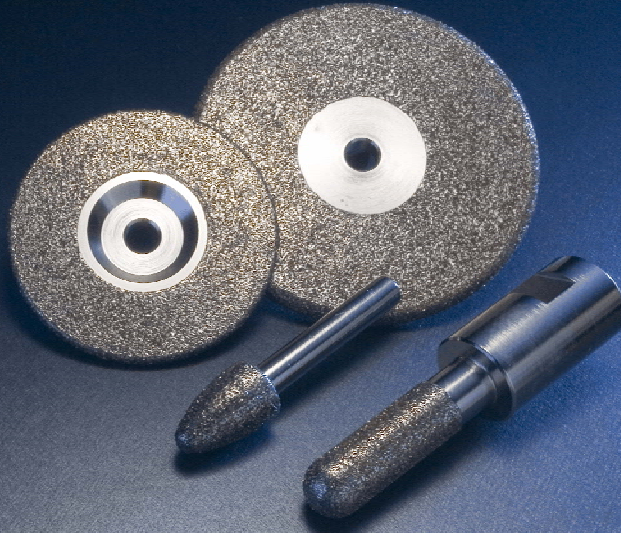


Leader in Superabrasive Finishing Systems



Engis® Dia-ForZ™ Diamond Wheels for Hand Grinding Operations on Castings

Dia-ForZ diamond plated grinding products offer your Cleaning Room several significant advantages over conventional bonded abrasive wheels.



- *Increased Safety – the wheel body will not fail, break or come apart due to abuse or over-speeding*
- *Better cutting action with diamond abrasive - giving you reduced cost per piece*
- *Cleaner operator environment – virtually no grinding dust from wheel wear*
- *Reduced material disposal cost – eliminates your used wheel hubs*
- *No loss of wheel speed – wheel diameter is maintained*

- *No dressing required*
- *No loss of form due to wear*
- *Improved balance over conventional wheels*
- *Enhanced comfort for your operators*

THE ENGIS STORY

With over 40 years experience in the plated tool business, Engis is capable of manufacturing electroplated wheels to almost any shape and design to meet your most demanding applications.

Engis also offers strip and replate service on all electroplated grinding wheels, even those wheels originally produced by other manufacturers.

All products are manufactured in the USA at our privately-owned company in Wheeling, Illinois.

Engis is a leader in the manufacture of plated wheels for use in Robotic Grinding Cells, including Barinder and Maus systems.

Read how Grede Foundries, Inc. and ThyssenKrupp Waupaca have tested and now endorse Dia-ForZ products in their foundry Cleaning Rooms

Visit www.DiaForZ.com

ENGIS CORPORATION

Leaders in Superabrasive Finishing Systems

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GRINDING PRODUCTS



Leader in Superabrasive Finishing Systems

As opposed to conventional resin bonded grinding wheels, the Engis Dia-ForZ™ (Diamond Force) range offers significantly greater safety to your operator. Since the diamond grits are electroplated to a metal body, the wheel cannot fail, break or come apart due to abuse. This is particularly important in offhand operations where the grinder can be dropped or the governor fail and the machine over-speed.

- Safe
- Long Lasting
- Ergonomic
- Environmentally Friendly
- Fast Cutting
- High Performance
- Lower Overall Costs



There is no dressing of the wheel required, as the grits are more fully exposed than in conventional wheels. And, because the wheel does not wear like a conventional wheel would, there is no loss of form or peripheral speed and less dust generated.



Diamond is the hardest substance known to man. Dia-ForZ diamond plated wheels significantly outlast and cut faster than aluminum oxide and zirconia alumina products. This means a lower overall cost to your foundry.

As an added benefit, since diamond stays sharper longer and cuts faster, less force is required to remove the imperfections on the casting, leading to enhanced operator ergonomics.

The Dia-ForZ range is available in:

- Portable Ty 1, Ty 6 and Ty 27 versions
- Cutoff wheels
- Burrs
- Wheels for Robotic Cells



Dia-ForZ wheels can be replated with new, fresh diamond abrasive, making it an environmentally friendly “green” product, as there is less, if any, waste to dispose of.



GRINDING PRODUCTS

The safety of your operators is important to us. You should carefully read and follow all applicable industry, federal, state and local regulations before using grinding wheels.



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