

Action SuperAbrasive provides Specialty Diamond and CBN Grinding wheels to various Coatings Industries within the USA. There are various types of sprays used in the coating industry whether it's plasma, plasma flame or cold spray. Our wheels can provide a range of finishes depending on your application. The size for ID and OD wheels range from 1" to 36" in diameter and up to 8" in thickness.

PLASMA SPRAY AND HVOF

- The coatings can be applied to any material and part. The objective is wear-resistance and the most common application for this process is aerospace. Wear rate is certainly critical in this industry.
- Diamond wheels are commonly used on the harder coatings such as tungsten carbide, chromium carbide and ceramic and can also be used on HVOF (high velocity oxygen fuel) spray.
- Most of the grinding is straight cylindrical and the machines are standard OD grinders. The wheel sizes tend to run from 14" to 36" OD. ID grinding is also very common and the wheel sizes range from 12" OD all the way down to less than 1" OD. The speeds and feeds are standard for OD / ID wheels on most machines running at 6500 SFPM.



WHEEL SPECIFICATIONS

- Bond Type – Mostly resin bond wheels.
- In some cases, Vitrified wheels are used especially in aerospace industry when form dressing is required.
- Grit Size – Range from 100 to 1000 micron.

ASA has excellent products for your grinding application.

**CLICK HERE TO COMPLETE
FORM REQUEST**

Contact us at **330-673-7333** or send an email to
Joe Haag - Joe.haag@actionsuper.com
Monica Hughes - Hughesm@actionsuper.com
Dan Noonan - Noonand@actionsuper.com

Send drawing request for custom wheels to
Jim Jenner- j Jennerj@actionsuper.com