



DIAMOND INDUSTRIAL TOOLS.COM

6712 Crawford Ave., Lincolnwood, (Chicago) IL 60712-3587

SOLUTIONS IN ABRASIVE PRODUCTS & SYSTEMS FOR 50 YEARS

Precision Abrasive Grinding Machine Tool Balance



Harry G. Sachsel, C.A.E.
Certified in Abrasive
Engineering

Precision abrasive grinding machine tool balance is so critical in achieving the final results with grinding. All systems in motion have to also be in balance, i.e., drive motors, slides, spindles, material handling systems, head stocks, live centers, coolant pumps, motors, and filtration motor systems. Even CNC electronic guidance and recording systems.

Don't overlook the production through feed grinding, rotary table grinding, and lapping systems. Anything that moves can induce vibration and harmonics in pulses that act like an out of balance condition. A change in shop temperature is a problem source. These systems are just some of the conditions manufacturing a complex R.M.S. finish, Angstrom, or nano dimension or shape. Don't overlook the voltage impulses generated that can vibrate a drive motor. Even a hydrostatic or pneumatic spindle can be a problem and don't overlook a material hardness change or a variable heat treated high Rockwell C.

Don't assume anything or take for granted what you think you know.

800-227-5905

Get the answers to your grinding applications
Harry G. Sachsel, C.A.E.
Certified in Abrasive Engineering

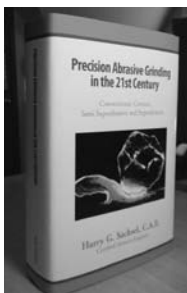
Call: 800-227-5905 • Fax: 800-441-7771
Email: hgsachsel@todit.com • www.todit.com

**Information about DIT's Super 1A1-T
Diamond Wheels for Dry Precision Carbide
Grinding is available [here](#)**

For information about our Diamond Tools click [here](#)



To learn more about
the D.I.T. CO2 Carbon
Dioxide "Cool Zip"
Nozzle System click
[here](#)



**Precision Abrasive
Grinding in the
21st Century**

This book was specifically written for those involved with precision abrasive grinding and also those that use them.

Call 800-227-5905
or click [here](#)
for more information.

Visit our website!



INFO BRIEFS

Did you find this helpful?

If so send us an email to request our **FREE** Info Briefs emailed to you every month.

Info Briefs feature the latest advances in precision abrasive grinding and related systems.

Email us at
hgsachsel@todit.com
today!