



Industrial Diamond Association of America, Inc.

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IDA LITERATURE & DOCUMENTS

1. ~~A Review of Diamond Sizing and Standards~~ – REPLACED BY ITEM 20. The Particle Size and Size Distribution of Superabrasive Powders

This brochure presents a brief description of the various diamond sizing standards.

IDA Members

1-10 copies \$5.00 each
11-50 copies \$4.00 each
51+ copies \$3.00 each

Non- IDA Members

1-10 copies \$15.00 each
11-50 copies \$12.00 each
50+ copies \$10.00 each

2. Superabrasive '91 Technical Conference Proceedings

More than 60 technical papers with research and application information as presented at Superabrasives '91, all bound into one publication. Topics include the use of superabrasives in grinding metals and ceramics, truing and dressing, stone and concrete sawing, fine finishing. Also included are use of superabrasive materials for wear parts, CBN production grinding and applications for CVD diamond tools.

IDA Member \$95 each

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3. 1993 Diamond & CBN Ultra-hard Materials Proceedings

Technical papers presented at the Conference in Windsor, Canada, bound together into one book. Includes: Machining and Grinding with CBN, Applications in Grinding of Gears, Grinding of Aerospace Materials, Turning & Milling with PCBN in the Automotive Industry, Importance of Technical Education, Characterization of CBN Micron Powders and more.

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4. Optifab '94 Proceedings

Technical papers presented at the joint conference between IDA and the Center for Optics Manufacturing in Rochester, NY. Includes: Current Trends in Precision Optical Fabrication, Diamond Types and Properties, Parameters for Metalworking Fluids in Glass Lens Grinding, Magnetorheological Finishing and more.

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Non-Member \$100 each

5. Developments in Grinding... Ceramics, Cermets & Glass

Technical papers from Supergrind '95, a joint conference between IDA & the University of Connecticut, Center for Grinding Research and Development. Includes 17 papers related to the grinding of brittle materials, including ceramics and glass.

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Non-Member \$105 each

6. SuperTech '96 Proceedings

Technical papers presented at SUPERTECH '96, a joint conference between IDA and Lawrence Livermore National Laboratory in California. Includes 20 papers related to grinding & machining brittle materials with superabrasives.

IDA Member \$95 each

Non-Member \$105 each

7. Superabrasives & CVD Diamond - Theory & Application

Technical papers presented at the ULTRAHARD MATERIALS TECHNICAL CONFERENCE '98, a joint conference between IDA and University of Toledo. Includes 30 papers (534 pages) related to Industrial, non-industrial and films applications.

IDA Member \$110 each

Non-Member \$150 each

8. INTERTECH 2000 Proceedings

79 Technical papers presented at the INTERTECH 2000 Conference held in Vancouver, BC, Canada, July of 2000. INTERTECH 2000 was the first International technical conference on Diamond, Cubic Boron Nitride and their applications. It covered such sessions as Aerospace, Stone Processing, Automotive, Mining/Drilling, Construction/Highway, Materials, Electronics, Medical, Woodworking, Optics, and Emerging Technologies. A most comprehensive Proceedings, all on one CD-ROM!

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Non-Member \$250 each

9. INTERTECH 2003 Proceedings

95 Technical papers presented at the INTERTECH 2003 Conference held in Vancouver, BC, Canada, July-August of 2003. INTERTECH 2003 was the second International technical conference on Diamond, Cubic Boron Nitride and their applications covering technological developments and applications in Aerospace, Stone Processing, Automotive, Mining/Drilling, Construction/Highway, Materials, Electronics, Medical, Woodworking, Optics, and Emerging Technologies. The most comprehensive Proceedings ever, all on one CD-ROM!

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Non-Member \$275 each

10. Concrete Aggregate Classification Map of the U.S.A.

Recently updated, this wall size 17" x 22" four-color chart shows the aggregate hardness in the U.S. with a brief description of the aggregate in each state, rolled and mailed in container.

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11-25 copies \$8.00 each

26+ copies \$7.00 each

10.1 - MAPS Mounted on foam core:

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11. Concrete Aggregate Classification Map of CANADA

This four-color chart is wall size 17" x 22" and has the same format as the one for the U.S. They will look great side by side. Map shows the aggregate hardness throughout Canada, with a brief description of the aggregate type in each province, rolled and mailed in container.

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12. Superabrasives Grinding & Machining

(Reprint copies only – Book no longer in print)

First ever comprehensive text covering work piece material description/characteristics, as well as definition, selection and application of diamond and CBN tools to grind and machine various metals.

IDA Member \$30.00 each Non-Member \$40.00 each

13. IDA Monograph Series

A series of informational monographs on various topics

Indicate number next to title on order form.

- 13.1.1 Diamond/CBN Properties
- 13.1.2 Diamond Wire Drawing
- 13.1.3 Machining

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26-50	\$ 8.00 each	\$ 13.00 each
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14. Why Diamond Tools in Woodworking?

Reprinted from Finer Points. This article gives application tips and tool cost comparison with carbide tools.

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15. Pencil Edging of Automotive Glass

Reprinted from Finer Points. Comprehensive article on selection and application of diamond wheels in preparation of auto and mirror glass.

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16. The Use of Etched Synthetic Diamonds in Impregnated Drill Bits

Reprinted from Finer Points. Article describing comparison of crystal retention and performance of drill bits with etched crystals and unetched crystals.

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17. The Industrial Diamond Book

A hard – bound book published in 1979 by the Industrial Diamond Association of America members. This book contains 16 major chapters on industrial applications of diamond tools and abrasives. The original book, published in 1979 is out of print but this version is a black and white copy available for reprint distribution.

IDA Member \$65 each Non-Member \$75 each

18. INTERTECH 2006 Proceedings CD

Technical papers presented at the INTERTECH 2006 Conference held in Atlanta, Georgia, USA, 2006. INTERTECH 2006 was the third International technical conference on Diamond, Cubic Boron Nitride and their applications covering technological developments and applications in Aerospace, Stone Processing, Automotive, Mining/Drilling, Construction/Highway, Materials, Electronics, Medical, Woodworking, Optics, and Emerging Technologies. The most up to date technical and application papers on one CD-ROM!

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19. INTERTECH 2008 Proceedings CD

85 Technical papers presented at the INTERTECH 2008 Conference held at Disney World, Orlando Florida USA in 2008. INTERTECH 2008 was the fourth International technical conference on Diamond, Cubic Boron Nitride and their applications covering technological developments and applications in Aerospace, Stone Processing, Automotive, Mining/Drilling, Construction/Highway, Materials, Electronics, Medical, Woodworking, Optics, and Emerging Technologies, all on one CD-ROM!

IDA Member \$300 each Non-Member \$325 each

20. The Particle Size and Size Distribution of Superabrasive Powders

This document is an updated version of the original Review of Diamond Sizing and Standards that presents a brief description of the various diamond sizing standards around the world as well as the techniques and standards that are currently employed in the superabrasives industry for the determination of particle size and distribution of diamond and cbn powders.

IDA Member \$5.00 each Non-Member \$10.00 each

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“There is no substitute for Superabrasives”