BUEHLER®
UltraPrep™
Diamond Grinding Discs

- Use with Any Laboratory Grinder or Polisher
- Precision Coated Diamond Dot Matrix to Provide Accuracy
- Adhesive backed for Ease of Application
- Flexible Nickel Plated Backing Offers Longer Life
- Ideal Grinding Media

BUEHLER®

The **BUEHLER® UltraPrep™** Diamond Grinding Discs allow for more precise, convenient, and cost effective sample preparation.

In sample preparation, achieving planarity is often difficult and expensive. Abrasive papers can wear unevenly preventing the desired degree of flatness from being delivered. Bonded abrasive "grinding stones" require high speed grinders and can induce fracture damage or severe deformation. Cutting efficiency is greatly reduced with conventional diamond discs as they accumulate grinding swarf.

Diamond Grinding Discs have been designed to eliminate these grinding problems and can be used with any laboratory grinder or polisher.

Superior Finishes

Diamond Grinding Discs are made with precision coated diamond in a consistent dot matrix to provide accuracy in cutting. The combination of the diamond in a precision dot matrix gives a superior finish in less time. The discs are available in 6, 9, 15, 45, 70, and 125 micron diamond particle sizes.

Convenient

The discs are adhesive backed for ease of application to any platen or polishing wheel. A freer and cooler cut is provided as a result of the diamond being raised above the backing. The combination of the diamond in a precision dot matrix gives a superior finish in less time.

Cost Effective

The diamond surface of the disc is bonded to a flexible backing by nickel plating for a longer life. This longer service life combined with reduced grinding times and high removal rates creates a cost effective solution for your grinding needs.

Diamond Grinding Discs offer the ideal grinding media for many manual and automatic sample preparations while providing precise and cost effective results.

Ordering Information

UltraPrep™ Diamond Grinding Discs

	Diamond Abrasive Size (mircon)					
Diameter	**125**	**70**	**45**	**15**	**9**	**6**
2⅞" (73mm)	69-1599	69-11571	69-1545	69-1515	69-1509	69-1506
8" (203mm)	15-6199	15-6170	15-6145	15-6115	15-6109	15-6106
12" (305mm)	15-6299	15-6270	15-6245	15-6215	15-6209	15-6206

1 Disc per box

Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.

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