

# BUEHLER® ReVēl Discs

- **New Diamond Abrasive Nanotechnology Dramatically Reduces Steps, Time and Effort During Preparation**
- **Provides Excellent Flatness**
- **Less Time Spent Changing Consumables**
- **Less Time Spent Cleaning Between Steps**
- **Order and Stock Fewer Consumables**
- **Magnetic Backed**



**BUEHLER**

## Reduce Preparation Steps

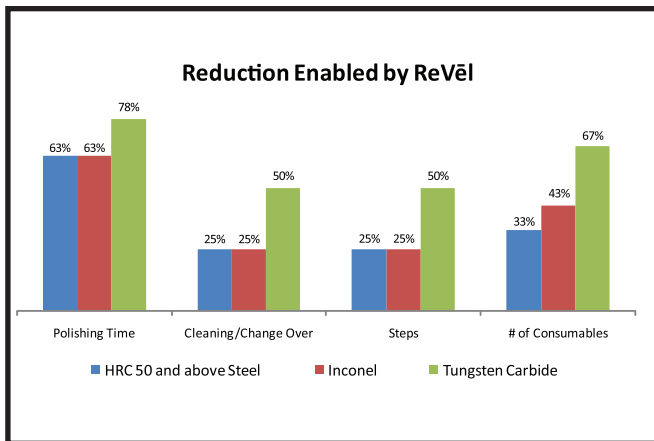
ReVēl Discs allow for shorter preparation methods, low induced deformation and a fine resultant scratch pattern. This specially designed combination of coarser and finer abrasives provides an optimized preparation method – less time, more results.

## Productivity and Optimization

Currently available in two forms (A for ferrous materials HRC 50 (481 BHN) and above, ceramics and thermal spray coatings and B for nickel based alloys), ReVēl Discs will allow you to prepare specimens, from planar grind to final polish, in 4-7 minutes. Produces best results at 400 RPM and is designed for a useful life of five uses. Each film will replace one to two cloth and diamond suspension or paste steps. Since ReVēl Discs use just water, clean up is simplified.

## Environmentally Conscious

This unique technology uses just water as lubrication, reducing the need to ship diamond suspensions or other lubricants and reduces the amount of products that end up in landfills.

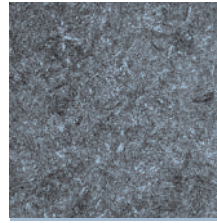


## Ordering Information

ReVēl Discs	8" (203mm)	10" (254mm)	12" (305mm)
Type A	41-10044	41-10045	41-10046
Type B	41-10047	41-10048	41-10049

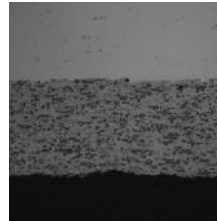
(5 per pack)

## RESULTS



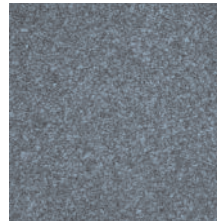
### HRC 50 Steel:

- 1 minute on CarbiMet® 2, 320 grit Abrasive Paper
- 2 minutes on ReVēl A Disc
- 4 minutes 20 seconds on ChemoMet® Pad with MasterMet® Final Polishing Suspension



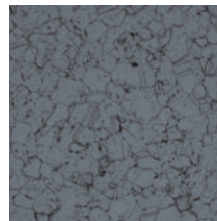
### WC-Co:

- 2 minutes on Apex® Yellow DGD
- 2 minutes on ReVēl A Disc
- 2 minutes 20 seconds on ChemoMet Pad with MasterMet Final Polishing Suspension



### Tungsten Carbide:

- 2 minutes on Apex® Yellow DGD
- 2 minutes on ReVēl A Disc



### Inconel:

- 1 minute on CarbiMet® 2, 400 grit Abrasive Paper
- 2 minutes on ReVēl B Discs
- 4 minutes 20 seconds on ChemoMet® Pad with MasterMet® Final Polishing Suspension

For best results, prepare specimens at 400 rpm base, 60 RPM head speed, contra direction. Optimal results obtained when disc is used no more than five (5) times.

For a complete listing of consumables, please refer to our Consumable's Buyer's Guide. Buehler continuously makes product improvements; therefore, technical specifications are subject to change without notice.