



Processing of ZrO_2 | Abrasives ZR



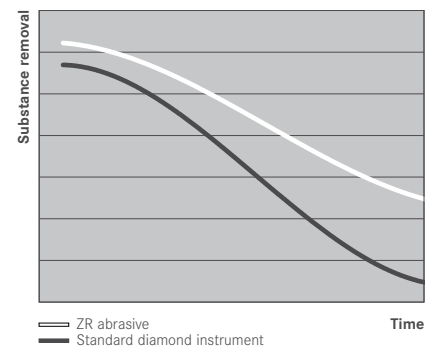
Special instruments for the efficient reworking of zirconium dioxide in the dental laboratory.

Due to its high resistance, zirconium oxide is not easy to work on. The extreme hardness of zirconium oxide causes conventional abrasives to blunt very quickly, thus reducing their service life too much to be of use.

The ZR-abrasives are indeed particularly suited for reworking zirconium oxide, producing excellent results:

Advantages:

- Special coating
- High-quality diamond grain
- Densely packed layer
- Long service life
- Improved material reduction



The colour coding on the abrasive instruments indicates the relevant grit size:

- **Coarse grit** (green-white ring) High abrasive power, maximum service life
- **Normal grit** (blue-white ring) Optimal abrasive power, good surfaces
- **Fine grit** (red-white ring)
For smoothing surfaces to reduce the notch effect caused by grinding grooves

Application:

1. Separating the coping from the HIP zirconium oxide blank, using the instrument ZR943.314.080.
2. Removing stumps with instrument ZR6830L.314.014.
3. Adjusting the dental prosthesis with figure ZR379.314.014.
4. Reworking the intermediate element with instrument ZR6881.314.016.
5. Fitting of a long front tooth crown by means of instrument ZR8801L.315.010.



Recommendations for use:

- Recommended speed: optimum performance at a speed of \varnothing_{opt} 160.000 rpm.
- To be used in the laboratory turbine with water cooling.
- Apply low contact pressure (<2N) during the entire process.

Set 4447.314

