



## The **new** grinding wheel generation by KREBS & RIEDEL

### KREBS - Quasar

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The new and innovative grinding wheel generation by KREBS & RIEDEL gives an economically attractive solution for your precision grinding needs. The abrasive tools have been optimized to meet today's demanding requirements for surface quality, geometric tolerances and machining times.

This is achieved by employing a new, free cutting ceramic grit.

Very high stock removal rates can be achieved because of an optimal balance between toughness and friability of the grains.

Added to this is the new and innovative low temperature bond system V88 which has been designed to use this grit's full potential and ensures an optimal grain retention.

The grinding wheel design can be further optimized by adding pore formers, resulting in a controlled porosity and structure customized for the grinding application.

The result of these optimizations of grain, bond system, and porosity is a fast cutting grinding wheel giving higher stock removal rates, less thermal stress, and a longer tool life!

#### KREBS - Quasar facts:

- New low temperature bond system V88
- New fast cutting grit
- Customizable porosity and structure

#### KREBS - Quasar applications:

- Gear grinding
- Profile grinding
- Creep feed grinding
- Centerless grinding

#### Your advantages at a glance:

- High stock removal rate
- Low grinding forces
- Very good profile retention
- Low wear of dressing tool
- Longer tool life

## Innovative Grinding Technology since 1895



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