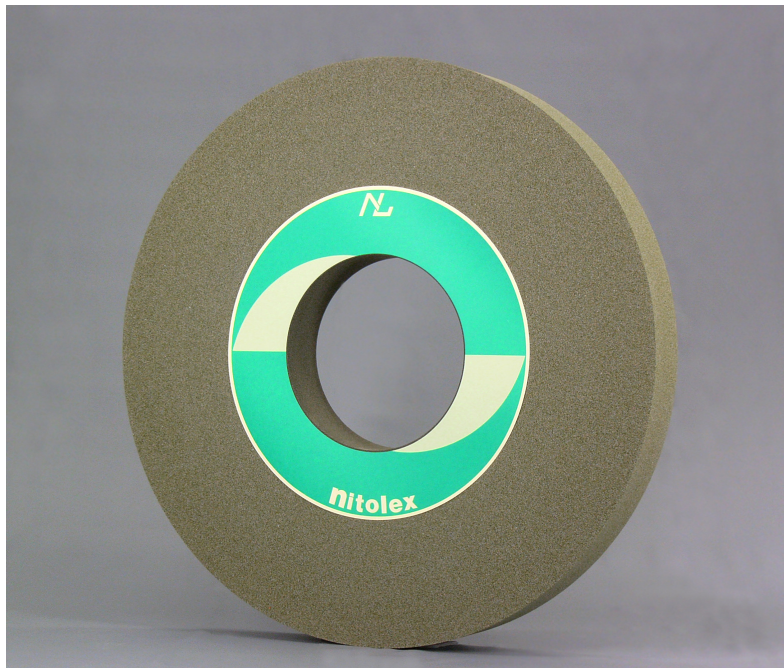


# BH Bond Grinding wheels



A new type of resinoid bonded wheels that improves the grinding performance and surface quality at the same time. The “BH Bond” is a series using a modified resin that provides greater elasticity than ordinary resinoid Bond.

Providing greater elasticity improves the abrasive retention force and reduces the bond content as compared with wheels produced to attain the same grade. It has also been verified to reduce the grinding force and prevent grinding burns. It is also expected to improve the grinding ratio by reducing wheel wear.

## Characteristics of BH Bond

Because of its greater elasticity as compared with conventional resinoid bonded wheels, the BH Bond wheels absorb more vibration under higher load and have an effect to prevent vibration and control wheel wear, thereby resulting in a longer life.

They are also capable of maintaining the grinding surface quality.

### ● Example applications

<b>Grinding rolled high-speed tool steels</b>	Excellent surface quality, improved grinding ratio and longer wheel life.
<b>Centerless, in-feed grinding</b>	Excellent sharpness, stable accuracy, longer dressing intervals and improved grinding ratio.
<b>Double disc surface grinding (with rotary carrier)</b>	Less need adjustment and reduced, stable surface finish.
<b>Surface honing</b>	Equivalent sharpness as obtained with FBB. A doubled or tripled wheel life.