

VIPER ULTRA

High-performance vitrified bonded grinding wheels for the patented VIPER grinding process



Premium grinding tools since 1919 www.tyrolit.com

VIPER ULTRA

Together with industry partners, Tyrolit has developed a unique grinding process for the cost-efficient production of turbine blades. The established VIPER ULTRA grinding wheel in combination with the VIPER grinding process delivers extremely high stock removal rates with an exceptionally cool grind. This is especially important for heat sensitive nickel-based materials, which are predominantly used in the turbine industry.

Application VIPER grinding of turbine components





Example of application

Grinding a fir-tree profile of a turbine rotor vane for the turbine industry Tyrolit VIPER ULTRA VU33A60II11VB1





Licensed machine manufacturers

Winbro

Makino

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