

NEW



Trimming of glass edges



Product sample CK772T COMPACTGRAIN



Grinding of titanium turbine blades

VSM CK772T self-sharpening Silicon Carbide - Compactgrain long-term abrasive

- Consistent surface finish
- Impressive service life
- For wet and dry applications

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The novel VSM CK772T has been especially developed for grinding materials which are difficult to machine such as chromium-nickel steel, titanium steel, glass and stone. This product features a consistent surface finish and an excellent edge-holding capacity. The geometry of the silicon carbide grain produces a uniform roughness with a constant cutting performance compared to aluminium oxide Compactgrain VSM KK772J. The semi-robust polyester backing of the abrasive belt perfectly adapts to the specific geometry of the workpiece, so that optimum re-sharpening is facilitated. New sharp edges are constantly generated which make the grinding process very efficient.

Consistent surface finish

= consistent Ra, Rz and Rmax values and high gloss values

- due to the continuous creation of new cutting edges and fewer belt changeovers

Impressive service life

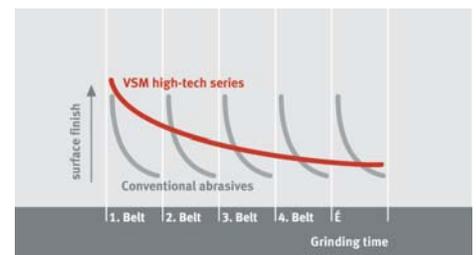
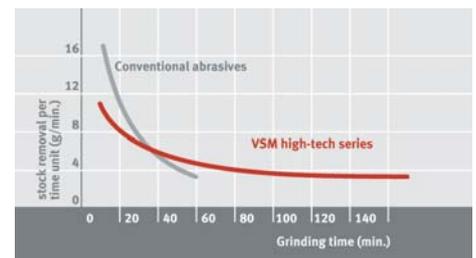
= reduced set-up times

- the self-sharpening Compactgrain granulate possesses high grain reserves which can be worn down to the backing material

For wet and dry applications

= cool grinding

- the medium strength bond and the grinding additives allow for both wet and dry applications
- additionally, the robust coolant-resistant polyester cloth supports its use for wet grinding



Technical data	
Grain type:	Silicon Carbide
Grit size:	P80, 120, 180, 240, 320, 400, 600, 800
Backing material:	Semi-sturdy polyester cloth, cooling resistant
Bonding:	Resin over resin
Manufact. width:	1,090 mm

Recommended applications	
Material:	Titanium alloys, high-alloyed steel, chrome and chrome-nickel steel, oxide layers, non-ferrous metals, glass, stone, ceramics
Grinding process:	Grinding of flat workpieces, slightly profiled workpieces and edges
Workpiece:	Turbine blades and vanes, surgical implants and instruments, castings, forgings, blades, sanitary fittings, glass plates, tubes and pipes, wire
Operation:	Automatic and robot grinding, offhand grinding, long belt operation, cylindrical and flat grinding, slack of belt, hand held tools



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VSM · Vereinigte Schmirgel- und Maschinen-Fabriken AG
Siegmondstraße 17 · D-30165 Hannover · Germany
Tel.: +49 5 11 35 26-0 · Fax: +49 5 11 3 52 13 15
E-Mail: sales@vsmag.de · Internet: www.vsmag.de

