

# For MAXIMUM EFFICIENCY in the grinding process



CYLINDRICAL AND PEEL GRINDING

**SILENCE**PRO

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# Calmness is power for round and peel grinding

# **TECHNICAL FEATURES**

Application: Roughing operation

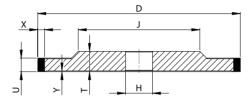
Material: Carbide

Machines: Ulmer, Junker, Studer, etc.

Coolant: Oil, emulsion

Bond: Metal

Dimensions: D 350mm, U 5mm, X 5mm



### **KEY FEATURES**

- ▲ Reduced vibration during roughing operation
- A Reduced grinding noise thanks to innovative resonance disruption waves

#### **YOUR BENEFITS**

- ▲ Longer grinding wheel service life thanks to uniform loading of the abrasive layer
- ▲ Improved edge stability by reducing micro-vibrations

# **ADVANTAGES FOR YOUR WORK PIECE**

A Reduced chatter marks thanks to a smoother grinding process

#### **GREATER PROFITABILITY**

- ▲ Efficient grinding processes thanks to fewer dressing cycles
- A Reduced vibrations allow for a higher feed rate
- ▲ Reduced individual work piece processing time thanks to a higher removal rate

## **FULL RELIABILITY**

Reducing the noise generated by the grinding process allows you to improve the occupational health and safety of your employees

#### **APPLICATION**

- ▲ Cutting speed: 110 m/s 125 m/s
- ▲ Feed rate up to 1.0 mm radially

### **GRINDING WHEELS FOR FINISHING OPERATION**

- ightharpoonup A brilliant surface finish up to Ra=0,1 $\mu$  is achieved while using our grinding wheels with ceramic bond
- ▲ Grit sizes: D30, D46



3236 Vmax=140mls