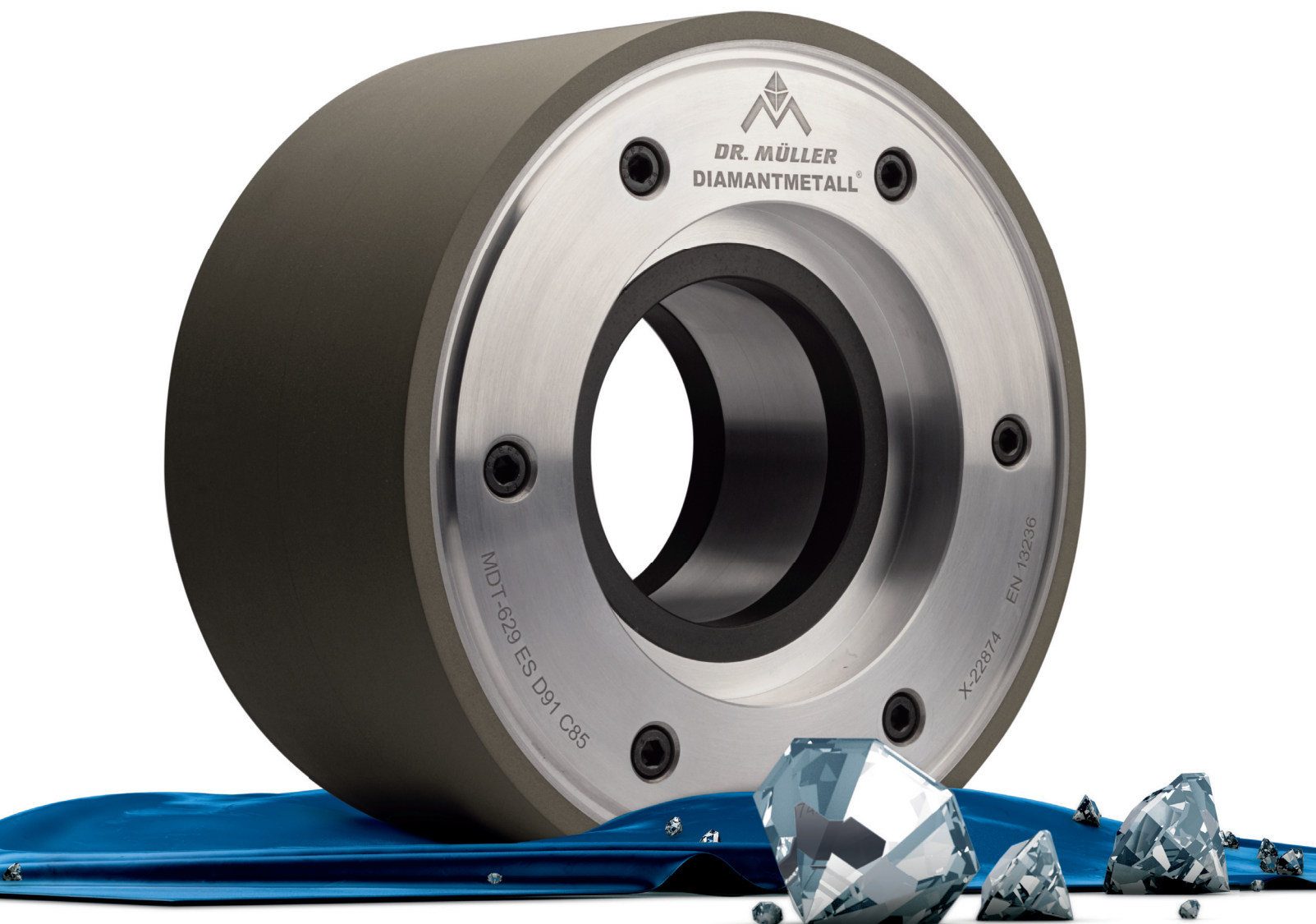




For **MAXIMUM EFFICIENCY**
in the grinding process



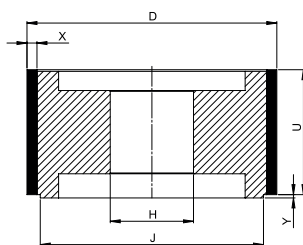
EXTERNAL
CYLINDRICAL GRINDING
CENTER**LESS**

CENTERLESS

Our efficient solution for series or mass production of cylindrical work pieces

TECHNICAL FEATURES

Application:	External cylindrical grinding (Centerless through feed grinding and cylindrical plunge grinding)	Bond:	Resin, ceramic
Material:	Carbide	Dimensions:	D 100mm, U 40mm, X 6mm-25mm D 125mm, U 40mm, X 6mm-25mm D 150mm, U 50mm, X 6mm-25mm
Machines:	Agathon, Herminghausen, Tschudin, etc.		starting at D 200mm – 600mm, U 50mm - 400mm, X 6mm-25mm
Coolant:	Oil, emulsion		



KEY FEATURES

- ▲ Continuous grinding of cylindrical carbide work pieces with minimal tooling setup times
- ▲ High chip removal rate combined with outstanding precision

YOUR BENEFITS

- ▲ Higher centerless grinding wheel service life thanks to an X-dimension of up to 25 mm.
This minimises your tooling costs and the costs in your procurement process.
- ▲ In comparison to external cylindrical grinding between centers, centerless through feed grinding and cylindrical plunge grinding offers simple work piece handling with a low level of automation. Undesirable deflection of long work pieces is prevented, at the same time maintaining the high level of accuracy of the roundness, cylindrical shape and straightness quality parameters.
- ▲ An innovative base design lowers the grinding wheel weight and reduces the load on the machine spindle.

ADVANTAGES FOR YOUR WORK PIECE

- ▲ Damping elements in the bore zone ensure that vibration is minimised during the grinding process and provide for smoother cutting. This reduces chatter marks on your work piece.

GREATER PROFITABILITY

- ▲ By placing several different abrasive layers in sequence, a continuous roughing, finishing and polishing process can be performed with just one grinding wheel.
- ▲ All centerless grinding wheels are dressed and sharpened before delivery. This reduces the setting time of your centerless grinding wheel to the minimum needed and shortens your setup time.

OUR SERVICES

- ▲ Mounting of your centerless grinding wheel on a mount provided by you in technically sound condition.