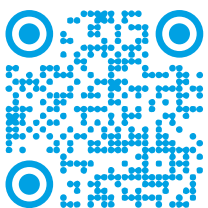




**DR. MÜLLER**  
**DIAMANTMETALL®**

INDIVIDUAL  
**PREMIUM**

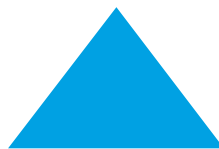
For **MAXIMUM EFFICIENCY** in the grinding process



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CYLINDRICAL AND PEEL GRINDING

Grinding wheels for  
**REINECKER** RS 800, RS 700  
RS 500, SF 40



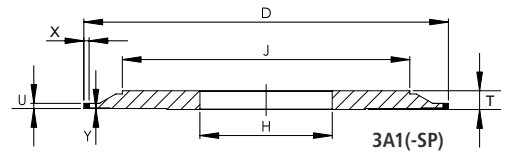
# Cylindrical and peel grinding wheels for **REINECKER** RS 800, RS 700, RS 500, SF 40

## Roughing and finishing operations

### TECHNICAL FEATURES AND THEIR ADVANTAGES

#### ROUGHING OPERATION

Material: carbide  
Coolant: oil, emulsion  
Bond: metal bond (MDXe)



Tool type	Dimension / bond-grain size	Article no.	Feature	Machine
3A1-SP	D400 U5 X6 H127 MDXe-360 TP D91	X88427	EDM dressing possible, in stock	RS 800
3A1	D400 U5 X6 H127 MDXe-360 TP D91	X88428	EDM dressing possible, in stock	RS 800
3A1-SP	D350 U5 X6 H127 MDXe-360 TP D91	X52314	EDM dressing possible, in stock	RS 700, RS 500, SF 40
3A1	D350 U5 X6 H127 MDXe-360 TP D91	X91647	EDM dressing possible, in stock	RS 700, RS 500, SF 40

#### YOUR ADVANTAGES OF THE OPTION – SILENCE PRO (3A1-SP)

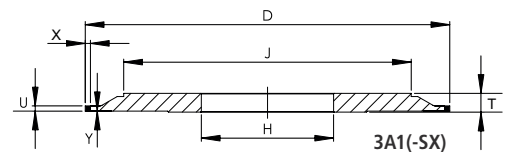
- ▲ Reduced vibrations during the roughing operation
- ▲ Reduced grinding noise thanks to innovative resonance interruption waves
- ▲ Reduced vibrations allow for a higher feed rate
- ▲ Reduced individual work piece processing time thanks to a higher removal rate

#### OPERATING PARAMETERS 3A1-SP \*

- ▲ Cutting speed: 100 m/s – 125 m/s
- ▲ Infeed: up to 1.0 mm radial/per pass

#### FINISHING OPERATION

Material: carbide  
Coolant: oil  
Bond: ceramic bond (MDR)



Tool type	Dimension / bond-grain size	Article no.	Feature	Machine
3A1	D400 U5 X6 H127 MDR-790 CS D46	X82448	in stock	RS 800
3A1	D350 U5 X5 H127 MDR-790 CS D46	X11815	in stock	RS 700, RS 500, SF 40
3A1-SX	D350 U5 X5 H127 MDR-790 RS D30	X28436	in stock	RS 700, RS 500, SF 40
3A1	D250 U5 X5 H90 MDR-790 CS D46	X16046	in stock	RS 700, RS 500, SF 40

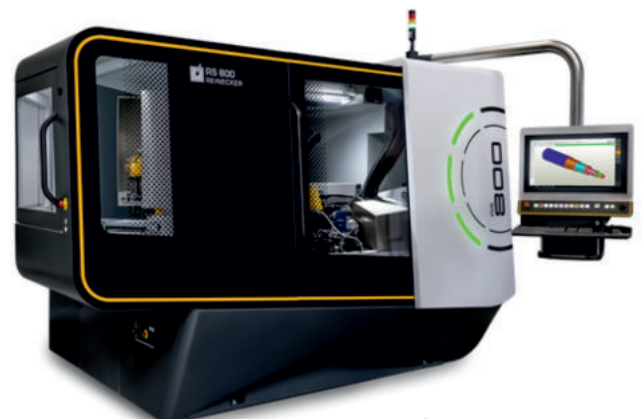
#### YOUR ADVANTAGE OF THE FINISHING GRINDING WHEEL

- ▲ Very high surface quality through the use of the ceramic bond

#### OPERATING PARAMETERS 3A1 \*

- ▲ Cutting speed: 90 m/s – 125 m/s
- ▲ Infeed: 0.02 – 0.05 mm/min radial/per pass

\* Guideline values



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