

# WEISS AG

Diamond and CBN tools  
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Certified according to ISO 9001:2015

## Questionnaire

Company: \_\_\_\_\_ Contact person: \_\_\_\_\_ Date: \_\_\_\_\_

### Turning/milling tool

Tool: \_\_\_\_\_ Tool type: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

Tip angle: \_\_\_\_\_ Rake angle: \_\_\_\_\_ Relief angle: \_\_\_\_\_ Installation position/Adjustment angle: \_\_\_\_\_

Balance: \_\_\_\_\_

*(for special tools, please enclose sketch or drawings)*

### Turning/milling process

- External turning  Internal turning  Cut-off/grooving  Thread turning  Face milling  Slot milling  
 Other

### Machine

Machine: \_\_\_\_\_ Type: \_\_\_\_\_ Year of manufacture: \_\_\_\_\_

Max. speed: \_\_\_\_\_ Holder: \_\_\_\_\_

### Coolant

- Internal cooling  Dry  Fully synthetic metal-working fluid  Emulsion  Oil  Other

### Workpiece *(enclose sketch or drawing if necessary)*

Dimensions: \_\_\_\_\_ Material: \_\_\_\_\_  unhardened /  hardened HRC:

Surface finish: \_\_\_\_\_ Machining depth: \_\_\_\_\_

### Cutting parameters

	Turning	Milling		
Cutting speed	[m/min.]			
Feed rate	[mm/rev.]	(mm/rev.)	(mm/tooth)	(mm/min.)
Depth of cut	[mm]	(mm)		

### Observations

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### Problems

- Dimensional accuracy  Tool life  Workpiece surface  Chip formation  Vibrations  
 \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_