



# Technical requirement

**MACH ROTEC GmbH**

Eugen-Müller-Str. 16  
A-5020 Salzburg  
Fax: +43 (0) 6213/20000

**Projekt:**

**Zeichnungsnr.. :**

**Datum:**

**company:**

**name:**

**position:**

**Street/ postal code / location:**

**Ph+Fax:**

**E-Mail / Homepage:**

**sector**

- turbine industry
- automobile industry
- supplier
- machine building
- tool manufacturing
- roller bearing industry
- training center
- press & advertise
- others: \_\_\_\_\_

**position**

- purchasing department
- manufacturing
- distribution & marketing
- research and development
- company mangament
- administration
- others: \_\_\_\_\_

**Application:**

- automotive: camshaft crankshaft gearshaft others: \_\_\_\_\_
- turbine industry: \_\_\_\_\_
- supplier: \_\_\_\_\_
- machine building: \_\_\_\_\_
- tool manufacturing: \_\_\_\_\_
- roller bearing industry: \_\_\_\_\_
- others: \_\_\_\_\_

**Technical Requirements**

**forces**

F normal= \_\_\_\_\_ [N]  
F axial = \_\_\_\_\_ [N]  
P [kW] = \_\_\_\_\_ [kW]

**circumferential speed**

|                 |             |             |
|-----------------|-------------|-------------|
|                 | <b>IST</b>  | <b>SOLL</b> |
| V cutting speed | _____ [m/s] | _____ [m/s] |
| V test speed    | _____ [m/s] | _____ [m/s] |

**feed rate: [mm/min]**

|                |                |                |
|----------------|----------------|----------------|
| F axial IST =  | _____ [mm/min] | _____ [mm/min] |
| F radial IST = | _____ [mm/min] | _____ [mm/min] |

**stock-removing capacity**

Q'w = \_\_\_\_\_ [qmm/mm/s] \_\_\_\_\_

**surface requirements**

|                 |            |             |
|-----------------|------------|-------------|
|                 | <b>IST</b> | <b>SOLL</b> |
| Rz              | _____      | _____       |
| Ra              | _____      | _____       |
| Fourie-Analysis | _____      | _____       |

**Customer benefit:**

basic benefit: \_\_\_\_\_  
advanced benefit \_\_\_\_\_  
enthusiasm benefit: \_\_\_\_\_