



## Smooth rolling tool G, Parallel shank $\varnothing$ 25 mm, $\varnothing$ D: 46mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 291556 46     |
| GTIN         | 4060491000695 |
| Item class   | 29F           |

### Description

#### Version:

For use on CNC and conventional lathes, milling and drilling machines.  
Stepless adjustment in  $\mu\text{m}$  (adjustment range from  $-0.05\text{ mm}$  to  $+0.1\text{ mm}$ ).

#### Advantage:

**Specially for production use.** Maximum productivity due to **feed rates** from  $0.05\text{ mm} - 0.3\text{ mm}$  per roll.

Surface quality  $R_z < 1\ \mu\text{m}$  possible.

Automatic release during tool withdrawal avoids damage to smooth rolled surface.

#### Application:

- For mechanical surface finishing.
- For machining all metallic materials up to a tensile strength of  $1400\text{ N/mm}^2$  and a hardness of up to 45 HRC.
- Clockwise machining.
- Up to tolerance class IT8.
- For holes up to  $\varnothing 49\text{ mm}$ .

#### Note:

From  $\varnothing 10\text{ mm}$  optionally with internal cooling.

### Technical description

|                                    |                          |
|------------------------------------|--------------------------|
| Nominal $\varnothing$ D            | 46 mm                    |
| Adjustment range                   | $-0.05 / +0.1\text{ mm}$ |
| Number of rolls                    | 8                        |
| Shank $\varnothing$ D <sub>s</sub> | 35 mm                    |

|                     |                                    |
|---------------------|------------------------------------|
| Usable length $L_N$ | 162 mm                             |
| Overhang $L_A$      | 163 mm                             |
| Shank mounting type | Parallel shank $\varnothing$ 25 mm |
| Type of product     | Smooth rolling tool                |