



Smooth rolling tool G, Parallel shank \varnothing 25 mm, \varnothing D: 42mm



Order data

| | |
|--------------|---------------|
| Order number | 291556 42 |
| GTIN | 4060491000657 |
| Item class | 29F |

Description

Version:

For use on CNC and conventional lathes, milling and drilling machines.
Stepless adjustment in μm (adjustment range from -0.05 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 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

| | |
|-------------------------|--------------------------|
| Shank $\varnothing D_s$ | 35 mm |
| Adjustment range | $-0.05 / +0.1\text{ mm}$ |
| Number of rolls | 8 |
| Nominal $\varnothing D$ | 42 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 |