



Smooth rolling tool G, MT3, Ø D: 42mm



Order data

Order number	291562 42
GTIN	4060491001043
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
Number of rolls	8
Adjustment range	$-0.05 / +0.1\text{ mm}$
Nominal $\varnothing D$	42 mm
Usable length L_N	162 mm

Overhang L _A	163 mm
Shank mounting type	MT3
Type of product	Smooth rolling tool