



## Smooth rolling tool G, Parallel shank $\varnothing$ 20 mm, $\varnothing$ D: 12 mm



### Order data

Order number	291553 12
GTIN	4060491000367
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  $-0.05$  to  $+0.1$  mm).

#### Advantage:

**Specially for production use.** Maximum productivity due to **feeds** from  $0.05$  -  $0.3$  mm **per roll**.

Surface quality up to  $R_z < 1.0$   $\mu\text{m}$  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<sup>2</sup> and a hardness of up to 45 HRC.**
- **Clockwise machining.**
- **Up to tolerance class IT8.**
- **For holes up to  $\varnothing$  49 mm.**

#### Note:

From  $\varnothing$  10 mm optionally with internal cooling.

Application for type of drilling: for blind hole and through hole

Overhang  $L_1$ : 128 mm

Reach  $L_1$ : 50 mm

Adjustment range:  $-0.05$  /  $+0.1$  mm

Shank  $\varnothing$   $D_s$ : 35 mm

Number of rolls: 5

### Technical description

Adjustment range	$-0.05$ / $+0.1$ mm
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Nominal $\varnothing$ D	12 mm
Shank $\varnothing$ D <sub>s</sub>	35 mm
Reach L <sub>1</sub>	50 mm
Overhang L <sub>1</sub>	128 mm
Number of rolls	5
Shank mounting type	Parallel shank $\varnothing$ 20 mm
Application for type of drilling	for blind hole and through hole
Type of product	Smooth rolling tool