



## Smooth rolling tool EGI5-32AI universal, Shank mounting type: VDI20



### Order data

Order number	291530 VDI20
GTIN	4060491015521
Item class	29F

### Description

#### Version:

For use on CNC and conventional lathes.  
 With symmetrical structure – can be used universally as right-hand or left-hand version.  
 High flexibility due to external and internal use.  
 Independent of diameter (within the recommended range) for internal machining.

#### Advantage:

Surface quality  $R_z < 1.0 \mu\text{m}$  possible.  
 Feed rates up to 1.0 mm/rev possible (external machining).  
 Consistent results due to continuous measurement of the rolling force.

#### 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.  
 For external  $\varnothing$  from 10 mm and internal  $\varnothing$  from 32 mm.

#### Suitable for :

$\varnothing$  range outside (recommended): 10 – 100 mm  
 $\varnothing$  range inside (recommended): 32 – 150 mm

#### Supplied with:

Two spare rolls built in the cage.

#### Note:

- **Other shank connections on request.**
- **Detailed technology recommendations can be found in the instruction manual.**

Cutting direction: Left-hand and right-hand

Overhang  $L_1$ : 168 mm

Tip centre offset  $f$ : 58 mm

Reach  $L_1$ : 100 mm  
maximum rolling force: 3 kN  
Roll  $\varnothing$ : 5 mm

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## Technical description

Overhang $L_1$	168 mm
Reach $L_1$	100 mm
Minimum pre-drill $\varnothing D_{\min}$	32 mm
Roll $\varnothing$	5 mm
maximum rolling force	3 kN
Tip centre offset $f$	58 mm
Shank mounting type	VDI20
Cutting direction	Left-hand and right-hand
Type of product	Smooth rolling tool