



## Smooth rolling tool EGI5-32AI universal, Shank mounting type: VDI40



### Order data

Order number	291530 VDI40
GTIN	4060491000275
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  $R_z < 1 \mu\text{m}$  possible.

Feed rates up to 1 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 mm – 100 mm

$\varnothing$  range inside (recommended): 32 mm – 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.**

### Technical description

Minimum pre-drill $\varnothing D_{\min}$	32 mm
Roll $\varnothing$	5 mm
Tip centre offset f	58 mm
maximum rolling force	3 kN
Shank mounting type	VDI40
Overhang $L_A$	168 mm
Usable length $L_N$	100 mm
Cutting direction	Left-hand and right-hand
Type of product	Smooth rolling tool