



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 $R_z < 1 \mu\text{m}$ 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/mm² 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
maximum rolling force	3 kN
Tip centre offset f	58 mm
Shank mounting type	VDI20
Overhang L_A	168 mm
Usable length L_N	100 mm
Cutting direction	Left-hand and right-hand
Type of product	Smooth rolling tool