



Smooth rolling tool EGI5-32AI universal, Shank mounting type: S20



Order data

Order number	291530 S20
GTIN	4060491000237
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^2 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 : 154 mm
Tip centre offset f : 73.2 mm
Reach L_1 : 100 mm
maximum rolling force: 3 kN
Roll \varnothing : 5 mm
Shank square: 20×20 mm

Technical description

maximum rolling force	3 kN
Overhang L_1	154 mm
Minimum pre-drill $\varnothing D_{\min}$	32 mm
Shank square	20×20 mm
Reach L_1	100 mm
Roll \varnothing	5 mm
Tip centre offset f	73.2 mm
Shank mounting type	S20
Cutting direction	Left-hand and right-hand
Type of product	Smooth rolling tool