



## Smooth rolling tool EG45-40M universal, Shank mounting type: PSC63



### Order data

Order number	291520 PSC63
GTIN	4060491000213
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.

#### 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  $1400 \text{ N/mm}^2$  and a hardness of up to 45 HRC.

#### Suitable for:

$\varnothing$  range (recommended): from 35 mm

#### Recommendation:

For external surfaces with subsequent radius up to plane surface.

#### Note:

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

Roller radius = 2.5 mm. Machinable workpiece radii from 4 mm to 12 mm.

### Technical description

Tip centre offset f	69 mm
Roll Ø	40 mm
maximum rolling force	4 kN
Shank mounting type	PSC63
Overhang L <sub>A</sub>	151 mm
Cutting direction	Left-hand and right-hand
Type of product	Smooth rolling tool