



Smooth rolling tool EG45-40M universal, Shank mounting type: PSC80



Order data

Order number	291520 PSC80
GTIN	4060491000220
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 $R_z < 1.0 \mu\text{m}$ 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.

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.

Cutting direction: Left-hand and right-hand

Overhang L_1 : 166.3 mm

Tip centre offset f: 69 mm
maximum rolling force: 4 kN
Roll Ø: 40 mm

Technical description

maximum rolling force	4 kN
Overhang L ₁	166.3 mm
Roll Ø	40 mm
Tip centre offset f	69 mm
Shank mounting type	PSC80
Cutting direction	Left-hand and right-hand
Type of product	Smooth rolling tool